



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

HYBRID ADMINISTRATIVE COMMITTEE MEETING

Committee Members

Chair Vanessa Delgado, Committee Chair
Vice Chair Michael Cacciotti, Committee Vice Chair
Board Member Gideon Kracov
Supervisor V. Manuel Perez

November 9, 2023 ♦ 10:00 a.m.

TELECONFERENCE LOCATION

Office of Supervisor V. Manuel Perez
78015 Main Street, Ste. 205
La Quinta, CA 92253

Office of Senator Vanessa Delgado
944 South Greenwood Ave.
Montebello, CA 90640

A meeting of the South Coast Air Quality Management District Administrative Committee will be held at 10:00 a.m., on Thursday, November 9, 2023 through a hybrid format of in-person attendance in the Dr. William A. Burke Auditorium at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and remote attendance via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely.

Please refer to South Coast AQMD's website for information regarding the format of the meeting, updates if the meeting is changed to a full remote via webcast format, and details on how to participate:

<http://www.aqmd.gov/home/news-events/meeting-agendas-minutes>

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION AT BOTTOM OF AGENDA

Join Zoom Webinar Meeting - from PC or Laptop

<https://scaqmd.zoom.us/j/93760468442>

Zoom Webinar ID: 937 6046 8442 (applies to all)

Teleconference Dial In

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One tap mobile

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Audience will be able to provide public comment through telephone or Zoom connection during public comment periods.

PUBLIC COMMENT WILL STILL BE TAKEN

AGENDA

Members of the public may address this body concerning any agenda item before or during consideration of that item (Gov't. Code Section 54954.3(a)). If you wish to speak, raise your hand on Zoom or press Star 9 if participating by telephone. All agendas for regular meetings are posted at South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, at least 72 hours in advance of the regular meeting. Speakers may be limited to three (3) minutes total for all items on the agenda.

CALL TO ORDER

- Roll Call

DISCUSSION ITEMS – Items 1 through 10:

1. Board Members' Concerns (***No Motion Required***)
Any member of the Governing Board, on his or her own initiative may raise a concern to the Administrative Committee regarding any South Coast AQMD items or activities. Chair Vanessa Delgado
Committee Chair
2. Chair's Report of Approved Travel (***No Motion Required***) Chair Delgado pg. 6
3. Report of Approved Out-of-Country Travel (***No Motion Required***) Wayne Nastri pgs. 6-7
Executive Officer
4. Review December 1, 2023 Governing Board Agenda Wayne Nastri pgs. 8-17
5. Approval of Compensation for Board Member Assistant(s)/
Consultant(s) (Any material, if submitted, will be distributed at the
meeting.) (***Motion Requested if Proposal Made***) Chair Delgado pgs. 18-22
6. Update on South Coast AQMD Inclusion, Diversity and Equity
Efforts (***No Motion Required***) Cessa Heard-Johnson, pgs. 23-31
*Staff will provide an update on current and future efforts for our
internal processes and programs.* PhD, Diversity, Equity
and Inclusion Officer
7. Review Recommended Appointments of New Members to South
Coast AQMD's Young Leader's Advisory Council (YLAC) Cessa Heard-Johnson, pgs. 32-38
(***No Motion Required***) PhD
*Governing Board Chair Delgado requests Committee review before
the appointment of seventeen new members and two alternates to
serve on the Young Leader's Advisory Council.*
8. South Coast AQMD's FY 2023-24 First Quarter Ended September
30, 2023 Budget vs. Actual (Unaudited) (***No Motion Required***) Sujata Jain pgs. 39-46
*Staff will provide a comparison of budget vs. actual results for the
first quarter which ended September 30, 2023.* Chief Financial Officer,
Finance
9. Status Report on Major Ongoing and Upcoming Projects for
Information Management (***No Motion Required***) Ron Moskowitz pgs. 47-52
*Information Management is responsible for data systems
management services in support of all South Coast AQMD
operations. This action is to provide the monthly status report on
major automation contracts and planned projects.* Chief Information Officer,
Information Management

10. Review Recommended Appointments of New Members to South Coast AQMD's Environmental Justice Advisory Group
(No Motion Required)
Governing Board Chair Delgado requests Committee review before the appointment of five new members to serve on the Environmental Justice Advisory Group.
- Derrick J. Alatorre pgs. 53-58
Deputy Executive Officer,
Legislative, Public Affairs
& Media

ACTION ITEMS – Items 11 through 14:

11. Appoint Medical Member to Hearing Board (**Motion Requested**)
This action is to fill the Regular Medical Member vacancy on the South Coast AQMD Hearing Board for an unexpired term ending June 30, 2025. Based on the recommendation of the Hearing Board Advisory Committee, the Administrative Committee will interview two candidates at its November 9, 2023 meeting for a final recommendation to the full Governing Board in December.
- Faye Thomas pgs. 59-141
Clerk of the Board
12. Appropriate Funds, Issue Solicitation and Purchase Orders to Meet Operational Needs for Rule 1180 Community Air Monitoring Program (**Motion Requested**)
In June 2018, the Board created the Rule 1180 Special Revenue Fund to establish and maintain a community air monitoring network near refineries. The FY 2023-24 budget for this program includes approximately \$4.6 million in annual fees from refineries for community air monitoring. These actions are to appropriate funds to Monitoring and Analysis' FY 2023-24 and/or FY 2024-25 Budget, and issue a solicitation and purchase orders to meet operational needs of the Rule 1180 Community Air Monitoring Program.
- Jason Low, PhD pgs. 142-148
Deputy Executive Officer,
Monitoring & Analysis
13. Transfer and Appropriate Funds, Issue Solicitations and Purchase Orders for MATES VI (**Motion Requested**)
Since 1987, South Coast AQMD has conducted five MATES to evaluate air toxics health risks in South Coast AQMD's jurisdiction. MATES VI measurements for a wide range of air toxics are anticipated to begin the first half of 2025. The collected data will be used to conduct air toxics modeling and quantify health impacts. These actions are to transfer up to \$5,024,725 from the Clean Fuels Program Fund to the General Fund for the MATES VI program, and appropriate funding to the Monitoring & Analysis and Planning, Rule Development, and Implementation divisions' budgets over FY 2023-24 through FY 2027-28 as needed. These actions are also to issue solicitations and purchase orders to support the goals and objectives of MATES VI.
- Jason Low, PhD pgs. 149-161
14. Transfer and Appropriate Funds and Execute Sole Source Contract to Upgrade the Fire Life Safety System at Headquarters Building (**Motion Requested**)
South Coast AQMD's headquarters building periodically requires upgrades to its building infrastructure systems and equipment. This action is to transfer and appropriate \$720,000 from the
- John Olvera pgs. 162-163
Deputy Executive Officer,
Administrative & Human
Resources

Infrastructure Improvement Fund (Fund 02) to Administrative and Human Resources' FY 2023-24 Budget, Capital Outlays Major Object, and to approve a sole source contract with National Fire Safe to upgrade the building's fire life safety system. The current system was installed in 1991 with the construction of the building.

WRITTEN REPORT:

None.

OTHER MATTERS:

15. Other Business Chair Delgado
Any member of the Committee, or its staff, on his or her own initiative or in response to questions posed by the public, may ask a question for clarification, may make a brief announcement or report on his or her own activities, provide a reference to staff regarding factual information, request staff to report back at a subsequent meeting concerning any matter, or may take action to direct staff to place a matter of business on a future agenda. (Govt Code Section 54954.2)
16. Public Comment
At the end of the regular meeting agenda, an opportunity is provided for the public to speak on any subject within the Committee's authority that is not on the agenda. Speakers may be limited to three (3) minutes total.
17. **Next Meeting Date:** Friday, December 8, 2023 at 10:00 a.m.

ADJOURNMENT

Americans with Disabilities Act and Language Accessibility

Disabilities and language-related accommodations can be requested to allow participation in the Administrative Committee meeting. The agenda will be made available, upon request, in appropriate alternative formats to assist persons with a disability (Gov't Code Section 54954.2(a)). In addition, other documents may be requested in alternative formats and languages. Any disability or language-related accommodation must be requested as soon as practicable. Requests will be accommodated unless providing the accommodation would result in a fundamental alteration or undue burden to the South Coast AQMD. Please contact Cindy Bustillos at (909) 396-2377 from 7:00 a.m. to 5:30 p.m., Tuesday through Friday, or send the request to cbustillos@aqmd.gov.

Document Availability

All documents (i) constituting non-exempt public records, (ii) relating to an item on an agenda for a regular meeting, and (iii) having been distributed to at least a majority of the Committee after the agenda is posted, are available by contacting Cindy Bustillos at (909) 396-2377, or send the request to cbustillos@aqmd.gov.

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

Please note: During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chair will announce public comment.

Speakers will be limited to a total of three (3) minutes for the Consent Calendar and Board Calendar, and three (3) minutes or **less** for other agenda items.

A countdown timer will be displayed on the screen for each public comment.

If interpretation is needed, more time will be allotted.

Once you raise your hand to provide public comment, your name will be added to the speaker list. Your name will be called when it is your turn to comment. The host will then unmute your line.

Directions for Video ZOOM on a DESKTOP/LAPTOP:

- If you would like to make a public comment, please click on the **“Raise Hand”** button on the bottom of the screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for Video Zoom on a SMARTPHONE:

- If you would like to make a public comment, please click on the **“Raise Hand”** button on the bottom of your screen.
- This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions for TELEPHONE line only:

- If you would like to make public comment, please **dial *9** on your keypad to signal that you would like to comment.

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

EXECUTIVE OFFICE

MEMORANDUM

DATE: November 9, 2023
TO: Administrative Committee
FROM: Wayne Nastri, Executive Officer
SUBJECT: Report of Travel

The following is a report of Chair approved travel:

DATE	TRAVELER	DESTINATION	PURPOSE
October 26-27, 2023	Board Member Gideon Kracov	Sacramento, CA	Board Member Kracov attended a CARB meeting as the South Coast AQMD Board representative.

The following is a report of upcoming staff out-country travel that must be approved by the Chair and the Administrative Committee:

January 15-19, 2024 (travel dates are January 13-21, 2024)	Dr. Wilton Mui	Accra, Ghana	South Coast AQMD’s Air Quality Sensor Performance Evaluation Center (AQ-SPEC) has been invited to participate in the West Africa Air Quality Management Certificate Program, which will be held in Accra, Ghana. This workshop is sponsored by the U.S. Department of State. The main objective of this project is to build capacity in West Africa for air quality monitoring in collaboration with governmental, academic, and non-profit organization partners. Dr. Mui has been invited to meet with project collaborators, lead podium presentations, and visit the newly established Sensor Evaluation and Training Centre for West Africa (Afri-SET). All expenses for this trip will be covered by U.S. ⁶
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			Department of State and the Kigali Collaborative Research Centre.
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South Coast Air Quality Management District

South Coast
AQMD

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

11/2/23 – 2:45 p.m.

DRAFT A G E N D A

HYBRID GOVERNING BOARD MEETING DECEMBER 1, 2023

A meeting of the South Coast Air Quality Management District Board will be held at 9:00 a.m. on Friday, December 1, 2023 through a hybrid format of in-person attendance in the Dr. William A. Burke Auditorium at the South Coast AQMD Headquarters, 21865 Copley Drive, Diamond Bar, California, and/or virtual attendance via videoconferencing and by telephone. Please follow the instructions below to join the meeting remotely.

Please refer to South Coast AQMD's website for information regarding the format of the meeting, updates, and details on how to participate at: <http://www.aqmd.gov/home/news-events/meeting-agendas-minutes>.

<p>Electronic Participation Information (Instructions provided at the bottom of the agenda)</p>	<p>Join Zoom Meeting - from PC, Laptop or Phone https://scaqmd.zoom.us/j/93128605044 Meeting ID: 931 2860 5044 (applies to all) Teleconference Dial In +1 669 900 6833 or +1 253 215 8782 One tap mobile +16699006833,,93128605044# or +12532158782,,93128605044#</p> <p>Spanish Language Only Audience (telephone) Número Telefónico para la Audiencia que Habla Español Teleconference Dial In/Numero para llamar: +1 669 900 6833 Meeting ID/Identificación de la reunión: 932 0955 9643 One tap mobile: +16699006833,,93209559643#</p>
<p>Public Comment Will Still Be Taken</p>	<p>Audience will be allowed to provide public comment in person and through Zoom connection or telephone. Phone controls for participants: The following commands can be used on your phone's dial pad while in meeting: *6 (Toggle mute/unmute); *9 - Raise hand</p>
<p>Questions About an Agenda Item</p>	<ul style="list-style-type: none"> ▪ The name and telephone number of the appropriate staff person to call for additional information or to resolve concerns is listed for each agenda item. ▪ In preparation for the meeting, you are encouraged to obtain whatever clarifying information may be needed to allow the Board to move expeditiously in its deliberations.
<p>Meeting Procedures</p>	<ul style="list-style-type: none"> ▪ The public meeting of the South Coast AQMD Governing Board begins at 9:00 a.m. The Governing Board generally will consider items in the order listed on the agenda. However, <u>any item</u> may be considered in <u>any order</u>. ▪ After taking action on any agenda item not requiring a public hearing, the Board may reconsider or amend the item at any time during the meeting.

All documents (i) constituting non-exempt public records, (ii) relating to an item on the agenda, and (iii) having been distributed to at least a majority of the Governing Board after the agenda is posted, are available prior to the meeting for public review at South Coast AQMD's Clerk of the Boards Office, 21865 Copley Drive, Diamond Bar, CA 91765 or web page at www.aqmd.gov

Americans with Disabilities Act and Language Accessibility

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A webcast of the meeting is available for viewing at:

<http://www.aqmd.gov/home/news-events/webcast>

CALL TO ORDER

- Pledge of Allegiance
- Roll Call
- Opening Comments: Vanessa Delgado, Chair
Other Board Members
Wayne Nastri, Executive Officer

Staff/Phone (909) 396-

PUBLIC COMMENT PERIOD – (Public Comment on Non-Agenda Items, Pursuant to Government Code Section 54954.3) The public may comment on any subject within the South Coast AQMD’s authority that does not appear on the agenda, during the Public Comment Period. Each speaker addressing non-agenda items may be limited to a total of (3) minutes.

CONSENT AND BOARD CALENDAR (Items X through XX)

Note: Consent and Board Calendar items held for discussion will be moved to Item No. XX

Items X and X – Action Items/No Fiscal Impact

- 11940. Approve Minutes of November 3, 2023 **Thomas/3268**
- 12170. Set Public Hearings January 5, 2024 to Consider Adoption of and/or Amendments to South Coast AQMD Rules and Regulations: **Nastri/3131**
- 12165. Determine that Proposed Amended Rule 1180 – Fenceline and Community Air Monitoring for Petroleum Refineries and Related Facilities and Proposed Rule 1180.1 – Fenceline and Community Air Monitoring for Other Refineries are Exempt from CEQA; Amend Rule 1180, Adopt Rule 1180.1, and Amend the Refinery Fenceline Air Monitoring Plan Guidelines **Krause/2706**

Proposed Amended Rule 1180 (PAR 1180) and Proposed Rule 1180.1 (PR 1180.1) will require refineries and facilities with operations related to refineries to monitor for air contaminants at or near their fenceline and to fund the installation and operation of monitoring stations within the community near their facilities. PAR 1180 will remove an exemption, include facilities with operations related to petroleum refineries, and include monitoring requirements for additional air pollutants. PR 1180.1 will establish similar fenceline and community monitoring requirements for smaller refineries that are not subject to Rule 1180. PAR 1180 and PR 1180.1 will establish notification thresholds; require root cause analysis, independent audits, and corrective actions; improve data accessibility; and align requirements with proposed Senate Bill 674 (Gonzalez). In addition, the Refinery Fenceline Air Monitoring Plan Guidelines was amended to reflect the proposed rule changes. This action is to adopt the Resolution: 1) Determining that Proposed

Amended Rule 1180 – Fenceline and Community Air Monitoring for Petroleum Refineries and Related Facilities; and Proposed Rule 1180.1 – Fenceline and Community Air Monitoring for Other Refineries are exempt from the requirements of the California Environmental Quality Act; and 2) Amending Rule 1180 – Fenceline and Community Air Monitoring for Petroleum Refineries and Related Facilities; adopting Rule 1180.1 – Fenceline and Community Air Monitoring for Other Refineries; and amending the Refinery Fenceline Air Monitoring Plan Guidelines. (Reviewed: Stationary Source Committee, September 15, 2023)

Items X through X – Budget/Fiscal Impact

12180. Appropriate Funds, Issue Solicitation and Purchase Orders to Meet Operational Needs for Rule 1180 Community Air Monitoring Program **Low/2269**

In June 2018, the Board created the Rule 1180 Special Revenue Fund to establish and maintain a community air monitoring network near refineries. The FY 2023-24 budget for this program includes approximately \$4.6 million in annual fees from refineries for community air monitoring. These actions are to appropriate funds to Monitoring and Analysis' FY 2023-24 and/or FY 2024-25 Budget, and issue a solicitation and purchase orders to meet operational needs of the Rule 1180 Community Air Monitoring Program. (Reviewed: Administrative Committee, November 9, 2023; Recommended for Approval)

12185. Transfer and Appropriate Funds, Issue Solicitations and Purchase Orders for MATES VI **Low/2269**

Since 1987, South Coast AQMD has conducted five MATES to evaluate air toxics health risks in South Coast AQMD's jurisdiction. MATES VI measurements for a wide range of air toxics are anticipated to begin the first half of 2025. The collected data will be used to conduct air toxics modeling and quantify health impacts. These actions are to transfer up to \$5,024,725 from the Clean Fuels Program Fund to the General Fund for the MATES VI program, and appropriate funding to the Monitoring & Analysis and Planning, Rule Development, and Implementation divisions' budgets over FY 2023-24 through FY 2027-28 as needed. These actions are also to issue solicitations and purchase orders to support the goals and objectives of MATES VI. (Reviewed: Administrative Committee, November 9, 2023; Recommended for Approval)

12182. Issue Program Announcement and Execute Agreements for Zero Emission Infrastructure Projects **Katzenstein/2219**

Zero emission infrastructure for medium and heavy-duty trucks is critical to support the transition to zero emission technologies. These actions are to issue a Program Announcement to solicit applications for eligible infrastructure projects to support zero emission medium and heavy-duty vehicles and equipment in the South Coast Air Basin and execute agreements to deploy charging and refueling infrastructure. Funding will be provided by Carl Moyer Program funds (32) and other funding sources as they become available. (Reviewed; Technology Committee, November 17, 2023; Recommended for Approval)

12183. Establish Special Revenue Fund, Recognize Revenue, Execute Contracts, and Reimburse General Fund to Demonstrate Fuel Cell Locomotive and Deploy Heavy-Duty Truck Charging and Fueling Infrastructure **Katzenstein/2219**

South Coast AQMD has been awarded up to \$76,250,003 from California State Transportation Agency's (CalSTA) Port and Freight Infrastructure Program to demonstrate a short line hydrogen fuel cell locomotive and deploy direct current fast chargers and hydrogen refueling dispensers. These actions are to: 1) establish the CalSTA Special Revenue Fund (89) and recognize, upon receipt, revenue up to \$76,250,003 from CalSTA and up to \$500,000 from DOE into Fund (89); 2) execute contracts with Wabtec Corporation for up to \$34,188,480 from CalSTA Special Revenue Fund (89) and Prologis Mobility LLC. for up to \$38,930,570 from CalSTA Special Revenue Fund (89) and up to \$11,679,171 from MSRC Fund (23); and 3) reimburse the General Fund up to \$3,630,953 from CalSTA Special Revenue Fund (89) to administer these projects. (Reviewed: Technology Committee; November 17, 2023; Recommended for Approval)

12186. Transfer and Appropriate Funds and Execute Sole Source Contract to Upgrade Fire Life Safety System at Diamond Bar Headquarters **Olvera/2309**

South Coast AQMD's headquarters building periodically requires upgrades to its building infrastructure systems and equipment. This action is to transfer and appropriate \$720,000 from the Infrastructure Improvement Fund (Fund 02) to Administrative and Human Resources' FY 2023-24 Budget, Capital Outlays Major Object, and to approve a sole source contract with National Fire Safe to upgrade the building's fire life safety system. (Reviewed: Administrative Committee, November 9, 2023; Recommended for Approval)

12168. Appoint Medical Member to Hearing Board **Thomas/3268**

This action is to fill the Regular Medical Member vacancy on the South Coast AQMD Hearing Board for an unexpired term ending June 30, 2025. Based on the recommendation of the Hearing Board Advisory Committee, the Administrative Committee will interview two candidates at its November 9, 2023 meeting for a final recommendation to the full Governing Board in December. (Reviewed: Administrative Committee, November 9, 2023; Recommended for Approval)

11962. Approve Contract Modification as Approved by MSRC **McCallon**

Items XX through XX – Information Only/Receive and File

11914. Legislative, Public Affairs and Media Report **Alatorre/3122**

his report highlights the October 2023 outreach activities of the Legislative, Public Affairs and Media Office, which includes: Major Events, Community Events/Public Meetings, Environmental Justice Update, Speakers Bureau/Visitor Services, Communications Center, Public Information Center, Business Assistance, Media Relations and Outreach to Business and Federal, State and Local Government. (No Committee Review)

12184. Report to Legislature and CARB on South Coast AQMD's Regulatory Activities for Calendar Year 2022 **Alatorre/3122**

South Coast AQMD is required by law to submit a report to the Legislature and CARB on its regulatory activities for the preceding calendar year. The report is to include a summary of each rule and rule amendment adopted by South Coast AQMD, number of permits issued, denied or cancelled, emission offset transactions, budget and forecast, and an update on the Clean Fuels program. Also included is the Annual RECLAIM Audit Report, as required by RECLAIM Rule 2015 - Backstop Provisions. (No Committee Review)

11881. Hearing Board Report **Verdugo-Peralta**

This reports the actions taken by the Hearing Board during the period of October 1 through October 31, 2023. (No Committee Review)

12017. Civil Filings and Civil Penalties Report **Gilchrist/3459**

This report summarizes monthly penalties and legal actions filed by the General Counsel's Office from October 1, 2023 through October 31, 2023. An Index of South Coast AQMD Rules is attached with the penalty report. (Reviewed: Stationary Source Committee, November 17, 2023)

11892. Intergovernmental Review of Environmental Documents and CEQA Lead Agency Projects **Krause /2706**

This report provides a listing of CEQA documents received by South Coast AQMD between October 1, 2023 and October 31, 2023, and those projects for which South Coast AQMD is acting as lead agency pursuant to CEQA. (Reviewed: Mobile Source Committee, November 17, 2023)

11846. Rule and Control Measure Forecast **Rees/2856**

This report highlights South Coast AQMD rulemaking activities and public hearings scheduled for 2024. (No Committee Review)

12173. 2023 Annual Progress Report for AB 617 Community Emission Reductions Plans **Higgins/3309**

This report summarizes the progress of Community Emission Reduction Plan objectives implemented from September 2019 to June 2023 in the six South Coast AQMD AB 617 designated communities. (Reviewed: Stationary Source Committee, November 17, 2023)

12179. Status Report on Major Ongoing and Upcoming Projects for Information Management **Moskowitz/3329**

Information Management is responsible for data systems management services in support of all South Coast AQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects. (Reviewed: Administrative Committee, November 9, 2023)

Items XX through XX -- Reports for Committees and CARB

11951. Administrative Committee (Receive & File) Chair: Delgado **Nastri/3131**

11903. Legislative Committee (Receive & File) Chair: Cacciotti **Alatorre/3122**

11856. Mobile Source Committee (Receive & File) Chair: Kracov **Rees/2856**

11930. Stationary Source Committee (Receive & File) Chair: McCallon **Aspell/2491**

12187. Technology Committee (Receive & File) Chair: Rodriguez **Katzenstein/2219**

11984. Mobile Source Air Pollution Reduction Review Committee (Receive & File) Board Rep: Hagman **Katzenstein/2219**

11870. California Air Resources Board Monthly Report (Receive & File) Board Rep: Kracov **Thomas/3268**

XX. Items Deferred from Consent and Board Calendar

PUBLIC HEARING

- 12116 Determine That Proposed Amended Rule 1405 – Control of Ethylene Oxide Emissions from Sterilization and Related Operations, Is Exempt from CEQA; and Amend Rule 1405

Krause/2706

Proposed Amended Rule 1405 establishes new and enhanced control and monitoring requirements to further reduce stack and fugitive ethylene oxide emissions from sterilization operations. Proposed Amended Rule 1405 includes reporting, recordkeeping, and curtailment provisions. Proposed Amended Rule 1405 also includes inventory tracking, monitoring, and reporting provisions for certain large warehouses receiving materials sterilized by ethylene oxide. This action is to adopt the Resolution: 1) Determining that Proposed Amended Rule 1405 – Control of Ethylene Oxide Emissions from Sterilization and Related Operations is exempt from the requirements of the California Environmental Quality Act; and 2) Amending Rule 1405 – Control of Ethylene Oxide Emissions from Sterilization and Related Operations. (Reviewed: Stationary Source Committee, April 21, June 16, August 18, September 15, and October 20, 2023)

BOARD MEMBER TRAVEL – (No Written Material)

Board member travel reports have been filed with the Clerk of the Boards, and copies are available upon request.

CONFLICT OF INTEREST DISCLOSURE – (No Written Material)

CLOSED SESSION -- (No Written Material)

Gilchrist/3459

ADJOURNMENT

PUBLIC COMMENTS

Members of the public are afforded an opportunity to speak on any agenda item before consideration of that item. Persons wishing to speak may do so in person or remotely via Zoom or telephone. To provide public comments via a Desktop/Laptop or Smartphone, click on the “Raise Hand” at the bottom of the screen, or if participating via Dial-in/Telephone Press *9. This will signal to the host that you would like to provide a public comment and you will be added to the list.

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Note that on items listed on the Consent Calendar and the balance of the agenda any motion, including action, can be taken (consideration is not limited to listed recommended actions). Additional matters can be added and action taken by two-thirds vote, or in the case of an emergency, by a majority vote. Matters raised under the Public Comment Period may not be acted upon at that meeting other than as provided above.

Written comments will be accepted by the Board and made part of the record. Individuals who wish to submit written or electronic comments must submit such comments to the Clerk of the Board, South Coast AQMD, 21865 Copley Drive, Diamond Bar, CA 91765-4178, (909) 396-2500, or to cob@aqmd.gov, on or before 5:00 p.m. on the Tuesday prior to the Board meeting.

ACRONYMS

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| AQ-SPEC = Air Quality Sensor Performance Evaluation Center | NATTS =National Air Toxics Trends Station |
| AQIP = Air Quality Investment Program | NESHAPS = National Emission Standards for Hazardous Air Pollutants |
| AQMP = Air Quality Management Plan | NGV = Natural Gas Vehicle |
| AVR = Average Vehicle Ridership | NOx = Oxides of Nitrogen |
| BACT = Best Available Control Technology | NSPS = New Source Performance Standards |
| BARCT = Best Available Retrofit Control Technology | NSR = New Source Review |
| Cal/EPA = California Environmental Protection Agency | OEHHA = Office of Environmental Health Hazard Assessment |
| CARB = California Air Resources Board | PAMS = Photochemical Assessment Monitoring Stations |
| CEMS = Continuous Emissions Monitoring Systems | PEV = Plug-In Electric Vehicle |
| CEC = California Energy Commission | PHEV = Plug-In Hybrid Electric Vehicle |
| CEQA = California Environmental Quality Act | PM10 = Particulate Matter ≤ 10 microns |
| CE-CERT =College of Engineering-Center for Environmental Research and Technology | PM2.5 = Particulate Matter ≤ 2.5 microns |
| CNG = Compressed Natural Gas | RECLAIM=Regional Clean Air Incentives Market |
| CO = Carbon Monoxide | RFP = Request for Proposals |
| DOE = Department of Energy | RFQ = Request for Quotations |
| EV = Electric Vehicle | RFQQ=Request for Qualifications and Quotations |
| EV/BEV = Electric Vehicle/Battery Electric Vehicle | SCAG = Southern California Association of Governments |
| FY = Fiscal Year | SIP = State Implementation Plan |
| GHG = Greenhouse Gas | SOx = Oxides of Sulfur |
| HRA = Health Risk Assessment | SOON = Surplus Off-Road Opt-In for NOx |
| LEV = Low Emission Vehicle | SULEV = Super Ultra Low Emission Vehicle |
| LNG = Liquefied Natural Gas | TCM = Transportation Control Measure |
| MATES = Multiple Air Toxics Exposure Study | ULEV = Ultra Low Emission Vehicle |
| MOU = Memorandum of Understanding | U.S. EPA = United States Environmental Protection Agency |
| MSERCs = Mobile Source Emission Reduction Credits | VOC = Volatile Organic Compound |
| MSRC = Mobile Source (Air Pollution Reduction) Review Committee | ZEV = Zero Emission Vehicle |

INSTRUCTIONS FOR ELECTRONIC PARTICIPATION

Instructions for Participating in a Virtual Meeting as an Attendee

As an attendee, you will have the opportunity to virtually raise your hand and provide public comment.

Before joining the call, please silence your other communication devices such as your cell or desk phone. This will prevent any feedback or interruptions during the meeting.

For language interpretation:

Click the interpretation Globe icon at the bottom of the screen

Select the language you want to hear (either English or Spanish)

Click "Mute Original Audio" if you hear both languages at the same time.

Para interpretación de idiomas:

Haga clic en el icono de interpretación el globo terráqueo en la parte inferior de la pantalla

Seleccione el idioma que desea escuchar (inglés o español)

Haga clic en "Silenciar audio original" si escucha ambos idiomas al mismo tiempo.

Please note: During the meeting, all participants will be placed on Mute by the host. You will not be able to mute or unmute your lines manually.

After each agenda item, the Chair will announce public comment.

Speakers may be limited to a total of 3 minutes for the entirety of the consent calendar plus board calendar, and three minutes or less for each of the other agenda items.

A countdown timer will be displayed on the screen for each public comment.

If interpretation is needed, more time will be allotted.

Directions to provide public comment on ZOOM from a DESKTOP/LAPTOP or SMARTPHONE:

Click on the "Raise Hand" feature at the bottom of the screen.

This will signal to the host that you would like to provide a public comment and you will be added to the list.

Directions to provide public comment via TELEPHONE:

Dial *9 on your keypad to signal that you would like to comment.

Directions for Spanish Language TELEPHONE line only:

- The call in number is the same (+1 669 900 6833)
- The meeting ID number is 932-0955-9643
- If you would like to make public comment, please dial *9 on your keypad to signal that you would like to comment.

Instrucciones para la línea de TELÉFONO en español únicamente:

- El número de llamada es el mismo (+1 669900 6833 o +1 93209559643)
- El número de identificación de la reunión es 932-0955-9643
- Si desea hacer un comentario público, marque *9 en su teclado para indicar que desea comentar.

Agenda Item #5

Approval of Compensation for Board Member Assistant(s)/Consultant(s)

**Administrative Committee Meeting
November 9, 2023**

Proposal for SCAQMD Board Member Assistant/Consultant

To: Administrative Cmte For meeting on November 9, 2023 From: Board Member Veronica Padilla-Campos

In accordance with the policy adopted by the Governing Board April 3, 2015, I submit this proposal to hire the individual named below, in the capacity indicated, to assist me in my duties as a member of the Governing Board of the SCAQMD effective November 6, 2023 and ending June 30, 2024.

Candidate Information

Name: Fred Minassian

Qualifications (education, professional experience, etc.): Resume attached

Proposed Capacity (check one)

Board Member Assistant (employee) - the work to be performed primarily will entail the duties indicated below for an Assistant.

Board Member Consultant (employee) - the work to be performed primarily will entail the duties indicated below for a Consultant.

Board Member Consultant (independent contractor) - the work to be performed primarily will entail the duties indicated below for a Board Member Consultant and in performing such duties the independent contractor will be responsible for selecting the appropriate method and means of achieving the required results. My proposed Board Member Consultant does /does not have a business license. If so, the type of business is _____, and the business license number is _____ issued by the _____.

Proposed Scope of Duties (check one)

Assistant (up to \$31.51/hour, \$31.99/hour effective January 1, 2017) - Performs for Board Member a variety of tasks ranging from liaison with constituent public entities, other Board Members, the public, and District staff related to clerical functions. Typical functions may include preparing narrative and statistical reports, preparing correspondence, filing and maintaining records, arranging meetings and other group functions; monitoring various programs and projects; responding to inquiries from constituent public entities, District Board Members, the public and District staff.

Examples of duties are set forth in the attachment (OPTIONAL)

Consultant (up to \$56.73/hour, \$57.59/hour effective January 1, 2017) - Performs for Board Member a variety of professional-level assignments in the development and formulation of policy, data analysis, reports, plans, assessments, and strategies for District programs; provides advice and recommendations to the Board Member regarding matters subject to the Board Member's decision-making authority; may provide liaison with the public on behalf of the Board Member. Typical functions may include planning, organizing, and developing a wide variety of programs on the Board Member's behalf and evaluating the effectiveness of various approaches.

Examples of duties are set forth in the attachment (OPTIONAL)

Proposed Rate of Compensation (fill in all blanks)

\$ 2,355.41 per month for November 6, 2023 through June 30, 2024, up to a maximum payable during the contract period not to exceed \$18,843.28.

For Administrative Committee Use:

Reviewed by Administrative Committee with advice of District Counsel. Based on the scope of duties, the individual is a:
 Assistant (employee) Consultant (employee) Consultant (independent contractor)

By _____ for the Administrative Committee

cc: Human Resources

Rev. 11/3/23

Resume

Fred Minassian

E-mail: [REDACTED]

Position: A position in the environmental field with specific emphasis on air pollution reduction by working on policies, regulations, and implementation of related programs

Education: B.S.; Chemical Engineering; Engineering Academy of Denmark; 1981
M.S.; Chemical Engineering; California State University, Northridge; 1987

Experience: Board Member Consultant

December 2019 – March 2021

Board member consultant to Council Member Judith Mitchell at the Governing Boards of the **South Coast Air Quality Management District (SCAQMD)** and the **California Air Resources Board (CARB)**. Provided technical and legislative advice and recommendations to the Board member for her decisions on adopting proposed rules and regulations at the SCAQMD and CARB. Throughout this process I evaluated the SCAQMD and CARB Board meeting agendas and staff reports, accompanied the Board member in Committee meetings, and meetings with the public, business and community representatives, and environmental groups.

**South Coast Air Quality Management District (SCAQMD)
Assistant Deputy Executive Officer (ADEO)**

May 1987 – Retired in November 2018

SCAQMD is the largest local air pollution regulation agency in California responsible for reducing air pollution in Southern California for its 17 million residents. During more than three decades at the SCAQMD I worked for 7 ½ years at the Engineering and Source Testing divisions conducting source tests and evaluating permits to construct and operate for various operations. Following that I worked at the agency's Technology Advancement Office (TAO), including 18 years at senior management and executive level positions managing a staff of about 60 employees. My main responsibilities included, leading the Research, Development & Demonstration Programs for commercialization of low and zero emitting mobile source technologies, as well as the implementation of the agency's mobile source incentive programs such as the Carl Moyer, the Proposition 1B-Goods Movement, the Lower-Emission School Bus, the Electric Lawnmower Exchange, and other similar programs. Below are the main responsibilities and highlights of my career:

- Managed the entire portfolio of the agency's mobile source incentive funding programs with the implementation of over twenty thousand low-emitting vehicles and equipment totaling more than \$1.5 billion during a period of twenty years.
- Worked on legislations related to the state's incentive funding programs in cooperation with the Air Resources Board and other air districts.
- Proposed the concept and wrote a specific legislation that was introduced by Assembly Member O'Donnell as AB 1274 to increase and augment the state's Carl Moyer Program funding by about \$80 million a year without a sunset date. This legislation was approved by a 2/3 majority vote in the Senate and the Assembly and was signed by the Governor in October 2017.
- Chaired the Grant Committee of the California Air Pollution Control Officers Association (CAPCOA), for four years coordinating the incentive funding and mobile source programs of the 35 local air districts in California.
- Worked with local organizations and entities such as the Ports of Los Angeles and Long Beach, and the Coachella Valley Farm Bureau to implement low emitting technology projects in low-income and disadvantaged communities.
- Worked with major equipment manufacturers and governmental agencies for the development and certification of near-zero and zero emission technologies.
- Initiated and implemented the state's first electric school bus incentive funding program.

Eikon, Inc.

Process Engineer

May 1986 – May 1987

In charge of nickel plating operations for production of hard disks for computers.

Atlantic Richfield Company

Research Associate

February 1984 – May 1986

Member of a research team working on research and development projects, including the development of lead-acid bipolar batteries, and conversion of methane gas to liquid hydrocarbons.

Skills: Speak, read, and write in English, Armenian, Persian, Danish, and French

Reference: Available upon request

Proposal for SCAQMD Board Member Assistant/Consultant

To: Administrative Cmte For meeting on November 9, 2023 From: Board Member Veronica Padilla-Campos

In accordance with the policy adopted by the Governing Board April 3, 2015, I submit this proposal to hire the individual named below, in the capacity indicated, to assist me in my duties as a member of the Governing Board of the SCAQMD effective November 6, 2023 and ending June 30, 2024.

Candidate Information

Name: Amy J. Wong

Qualifications (education, professional experience, etc.): Resume on file; continuing service

Proposed Capacity (check one)

Board Member Assistant (employee) - the work to be performed primarily will entail the duties indicated below for an Assistant.

Board Member Consultant (employee) - the work to be performed primarily will entail the duties indicated below for a Consultant.

Board Member Consultant (independent contractor) - the work to be performed primarily will entail the duties indicated below for a Board Member Consultant and in performing such duties the independent contractor will be responsible for selecting the appropriate method and means of achieving the required results. My proposed Board Member Consultant does /does not have a business license. If so, the type of business is _____, and the business license number is _____ issued by the _____.

Proposed Scope of Duties (check one)

Assistant (up to \$31.51/hour, \$31.99/hour effective January 1, 2017) - Performs for Board Member a variety of tasks ranging from liaison with constituent public entities, other Board Members, the public, and District staff related to clerical functions. Typical functions may include preparing narrative and statistical reports, preparing correspondence, filing and maintaining records, arranging meetings and other group functions; monitoring various programs and projects; responding to inquiries from constituent public entities, District Board Members, the public and District staff.

Examples of duties are set forth in the attachment (OPTIONAL)

Consultant (up to \$56.73/hour, \$57.59/hour effective January 1, 2017) - Performs for Board Member a variety of professional-level assignments in the development and formulation of policy, data analysis, reports, plans, assessments, and strategies for District programs; provides advice and recommendations to the Board Member regarding matters subject to the Board Member's decision-making authority; may provide liaison with the public on behalf of the Board Member. Typical functions may include planning, organizing, and developing a wide variety of programs on the Board Member's behalf and evaluating the effectiveness of various approaches.

Examples of duties are set forth in the attachment (OPTIONAL)

Proposed Rate of Compensation (fill in all blanks)

\$ 2,355.42 per month for November 6, 2023 through June 30, 2024, up to a maximum payable during the contract period not to exceed \$18,843.36.

For Administrative Committee Use:

Reviewed by Administrative Committee with advice of District Counsel. Based on the scope of duties, the individual is a:
 Assistant (employee) Consultant (employee) Consultant (independent contractor)

By _____ for the Administrative Committee

cc: Human Resources

Rev. 11/3/23

Administrative Committee

Thursday, November 9, 2023

Dr. ANISSA CESSA HEARD-JOHNSON
Deputy Executive Officer

Diversity, Equity, and Inclusion with Community Air Programs



**FABULOUS FEMALE FRIDAY:
Disability Employment Awareness Month Edition**

Catalina Devandas Aguilar

Costa Rican Lawyer and Human Rights Advocate

- **Born in Costa Rica with Spina Bifida**
- **Received her bachelor of law from the University of Costa Rica and was in the Master's Program for fundamental rights (Spain) and interdisciplinary studies (Costa Rica)**
- **In 1993, she began her career as an attorney focusing on women's rights**
- **Disability and Inclusive development consultant for Latin America with the World Bank**
- **In 2014, she was appointed as the first United Nations Special Rapporteur on the Rights of Persons with Disabilities**
 - **Socioeconomic inclusion**
 - **Promotion of full citizenship of persons with disabilities**
 - **Understanding that persons with disabilities is a part of human diversity**
- **She is currently the Executive Director at the Disability Rights Fund**



South Coast
AQMD

Infographics - October

FILOPIANO AMERICAN HISTORY MONTH

Hispanic American history month honors the history, accomplishments, and legacy of Hispanic in the United States. October marks a special month in Filipino American history as a commemorative the first recorded presence of Filipino in the United States. According to the Filipino American National Historical Society (FANHS), the first Filipino American was a young boy named Francisco Reyes who arrived in the United States on October 20, 1792. Filipino American history month was first proclaimed in 1989. In 2017, the House passed H.R. 1287, which designated October as Filipino American History Month. The Senate passed S. 1007, which designated October as Filipino American History Month. The President signed the bill into law on October 11, 2017. The bill was signed into law by President Donald Trump on October 11, 2017. The bill was signed into law by President Donald Trump on October 11, 2017. The bill was signed into law by President Donald Trump on October 11, 2017.

World War II

On July 26, 1942, President Franklin D. Roosevelt issued a Presidential Order that transferred members of the Congressional Act of Proclamation to serve the United States Military. This order allowed more than 70,000 Filipino soldiers, Congress also passed the War Relocation Authority Act, which allowed non-citizens who served during the war the opportunity to become U.S. citizens. However, because the war of the Congress passed the Japanese Act of 1942, in which the United States government restricted the naturalization of the descendants of the Japanese. The act was passed by the Congress in 1942. The act was passed by the Congress in 1942. The act was passed by the Congress in 1942.

Impact Spotlight

On January 1, 1981, Carlos Ledesma became the first Filipino American to be elected to the U.S. House of Representatives. He was elected to the House of Representatives in 1981. He was elected to the House of Representatives in 1981. He was elected to the House of Representatives in 1981.

Cultural Resources

Filipino American National Historical Society Museum - Stockton, CA

University, Equity, and Inclusion Calendar

DEI Day

Hispanic Heritage Month Display - September 16, 2023 - October 16, 2023

Hispanic Festival Lights Display - September 21, 2023 - October 16, 2023

INFORMATION

Indigenous Peoples Day - Wednesday October 11, 2023

PROCLAMATION

Filipino Female Frigate, National Disability Employment Awareness Month (EDM) - Friday, October 21, 2023 10:00am - 2:00pm

JE EJ Bank Club - Raising Death by Nails 7 km

Wednesday, November 8, 2023 from 2:00pm - 3:00pm

Thursday, November 9, 2023 from 3:00pm - 4:00pm

Pick up your copy at the Diversity, Equity and Inclusion Center

Source:

<https://www.whitehouse.gov/briefing-room/presidential-actions/2021/10/08/a-proclamation-indigenous-peoples-day-2021/>

<https://www.atnanac.com/indigenous-peoples-day>

<https://gabrielnotribe.org/>

<https://www.gabrieleno-nsn.us/>

<https://native-land.ca/>

INDIGENOUS PEOPLES DAY

Indigenous People's Day honors the histories, cultures, and perspectives of Indigenous people and their ancestors on the land that is now known as North America. As many states and communities celebrate this day in place of or alongside "Columbus Day", it is also a time to recognize the hardships and tribulations brought to the Americas through the interactions of European explorers with Indigenous people. Although Indigenous People's Day is not a federal holiday, President Biden became the first president to issue a proclamation recognizing Indigenous People's Day in writing in 2021.

TIMELINE

- 1912** Dr. Arthur Caswell Parker, member of the Seneca Nation, convinced the Boy Scouts of America to observe a day for "First Americans" from 1912-1915.
- 1914** Rev. Red Fox James, presumed to be a member of the Blackfeet Nation, campaigned over 4,000 miles on horseback for a national holiday to honor Indigenous peoples receiving endorsements from 24 governors.
- 1915** The President of the American Indian Association declared "American Indian Day" on the second Saturday of May. New York became first state to officially proclaim this observance in 1916.
- 1977** "International Day of Solidarity with the Indigenous Peoples of the Americas" proposed as a national holiday during the United Nations International Conference on Discrimination Against Indigenous Populations in the Americas.
- 1990** South Dakota became the first state to replace Columbus Day with Native America's Day as an official state holiday.
- 1992** Berkeley, California becomes the first city to officially observe Indigenous People's Day.
- 2022** Growing list of state and local governments have acknowledged Indigenous People's Day in some form including Alabama, Alaska, California, Hawaii, Michigan, Minnesota, New Mexico, Oregon, South Dakota, Texas, Vermont, Virginia, and Wisconsin¹.

LOCAL LANDS

This graphic has been inspired by the Gabrieliño-Tongva Indian Tribe also known as San Gabriel Band of Mission Indians. The Gabrieliño-Tongva people have lived from the sea to the land, from the islands of Santa Catalina, San Nicholas, San Clemente and Santa Barbara to all throughout the Los Angeles Basin. South Coast AQMD headquarters is nestled within Gabrieliño-Tongva land^{2,4}.

Learn more about the land on which you live and the history of its Indigenous people. You can access this MAP that outlines an approximation of the Indigenous territories in North America³.

Sources:

<https://www.whitehouse.gov/briefing-room/presidential-actions/2021/10/08/a-proclamation-indigenous-peoples-day-2021/>

<https://www.atnanac.com/indigenous-peoples-day>

<https://gabrielnotribe.org/>

<https://www.gabrieleno-nsn.us/>

<https://native-land.ca/>

SOUTH COAST AQMD NATIONAL COMING OUT DAY

GENDER PRONOUNS

NATIONAL COMING OUT DAY BACKGROUND

October 11th, 2023 marks the 36th National Coming Out Day since it was first observed in 1988 and acknowledged nation-wide in 1990. National Coming Out Day honors the significance of creating a world in which LGBTQIA+ people can live openly as their authentic selves. In the spirit of this day, South Coast AQMD is using this opportunity to address gender pronouns, a topic that can be a cornerstone for inclusivity within our workplace.

WHAT ARE GENDER PRONOUNS?

The terminology people use to refer to themselves that represent their gender identification are known as gender pronouns. These could be he/him, she/her, or pronouns that are gender-neutral like they/them. Using a person's pronouns promotes inclusivity, gives people a sense of respect and dignity, and supports their gender identity when people use their proper pronouns.

USING PRONOUNS

ASK

A person's pronouns should not be assumed. If you are concerned that you might be using a person's pronouns incorrectly, politely ask. Choose discrete moments to ask since a person may not be comfortable sharing.

RESPECT

If a person shares their pronouns with you, respect that by using the correct pronouns moving forward. Use bystander training methods to help in instances of misgendering.

<https://righttobe.org/>

PRACTICE

Actively use pronouns every day. Introduce yourself with your pronouns and invite others to do the same. Apologize to the person, correct yourself, and try again if you make a mistake.

IMPLEMENTATION EXAMPLES

- Use professional titles like Chair, Community Member, Deputy Executive Officer, etc in communications.
- Promote using pronouns in meeting introductions. Include pronouns with names in zoom.
- Pronouns can be shared in your email signatures as a passive way to share.
- Prioritize using full names in meeting notes, minutes, or other documents.
- Offer a space to enter pronouns and/or honorifics on websites, applications, and fillable forms.

FACTS

- On January 1, 2019 the Gender Recognition Act (CA Senate Bill 179) created a nonbinary gender designation for CA birth certificates, driver's licenses, and IDs.
- Mx (pronounced mix or mux) is a gender-neutral prefix that has been gaining popularity, especially in web forms.
- 1 in 4 LGBTQIA+ youth use pronouns that fall outside of the binary construction of gender. Neopronouns (ze/zir, xe/xim, and fae/fir) are used by 4% of LGBTQIA+ youth.

[Click HERE to View the J.E.D.I. Think Tank for Gender Pronouns on Airmet!](#)

SOURCES

- <https://leginfo.ca.gov/>
- <https://pronouns.org/>
- <https://www.thetrevorproject.org/>

DiversityEquityInclusion@aqmd.gov

DÍA DE LOS MUERTOS

Día de los Muertos, also known as Day of the Dead, is celebrated annually on November 1st and 2nd in modern-day Mexico and among people of Mexican origin in the United States and in other countries. This event includes having roots in pre-Columbian Mesoamerica (over 3,000 years ago). The Aztecs and the Nahuas people, who lived in what is now central Mexico, had a cyclical conception of the universe and considered death as a necessary and constant aspect of life. It was thought that after passing away, a person's soul went to Chicunauhtlan, the Land of the Dead, where they would embark a voyage, lasting several years, through nine difficult levels before reaching Mictlán, the final resting place.

In Nahuatl rituals that honor the dead, family members provide resources for this journey like food, water, and other tools. This influenced the contemporary Day of the Dead practices in which people leave food or other offerings on their loved ones' graves, or set them out on altars, a type of altar, in their homes on November 1st. These altars have symbolic offerings of each element: earth, water, air, and fire) and feature photographs of passed loved ones. These photos are accompanied by the loved ones' favorite foods, drinks, and personal trinkets. Families will gather during the night at cemeteries and altars, light candles, and place flowers in honor of their loved ones. According to tradition, the gates of Mictlan are opened at midnight on October 31st and angels (the spirits of children) can reunite their families for 24 hours. Dancers (the spirits of adults) can do the same on November 2nd. There is festive music, dancing, food, and no crying or grieving while visiting spirits and family altars and enjoy the festivities.

PHOTO FRAME PICK-UP

Each year, the office of Diversity, Equity and Inclusion will be creating an altar that will be set up from Wednesday, October 25th through Thursday, November 2nd. Staff are invited to place pictures of their loved ones on the Día de los Muertos Photo Frames (4" x 6") will be available for pick-up starting on Wednesday, October 25th at the Equity Center (by the main entrance elevator). There will also be supplies to decorate your frames with. Please be sure to write your name and department on the back of any pictures you place on the Día de los Muertos altar.

Sources:

- <https://dayofthedead.holiday/>
- <https://www.history.com/topics/halloween/day-of-the-dead>
- <https://www.mexicomuseum.org/day-of-the-dead>

Links lead to external websites that can contain ads and/or pop-ups. Advertisers are available for all browsers and are recommended.

For more information on this or other events contact: diversityequityinclusion@aqmd.gov

[Click HERE](#)

[Click HERE](#)

[Click HERE](#)

[Click HERE](#)

MUSEUM OF LATIN AMERICAN ART VIRTUAL TOUR

National Hispanic Heritage Month Commemoration



"This was a great event! I loved how comfortable the MOLAA team made it to think about and experience art. The pieces the museum selected were so moving and I found myself connected to history and culture in ways I hadn't anticipated. I hope we have more events like this."

"The art activity was so much fun. I never thought of myself as a museum or an art person before. I loved that the staff made art feel accessible. The history they shared about the pieces was so important and I especially loved the links to the artists that MOLAA shared. The whole experience was fulfilling. We need more of these mindful connections to culture. This is the stuff that moves us forward."

Día de los Muertos



Fabulous Female Friday

South Coast AQMD

Diversity, Equity, and Inclusion



National Disability Employment
Awareness Month Edition

FABULOUS FEMALE FRIDAYS

Fabulous Female Fridays seeks to elevate women from all industries that have made contributions to the fight for gender equality.

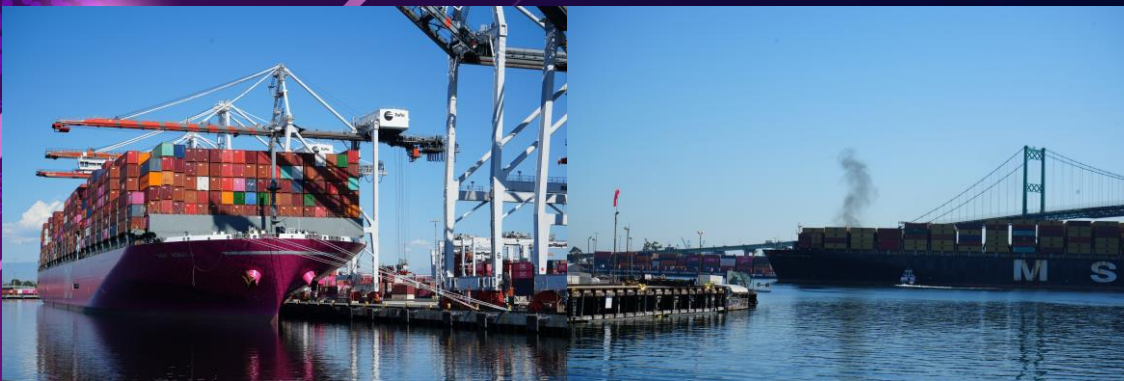
This month we commemorate National Disability Awareness Month by highlighting women who have overcome personal strife and accessibility issues and have dedicated themselves to advocating for the rights of other persons with disabilities.

Critical Community Conversations for Purposeful Outreach (C3PO) – WCWLB (Extended community experience – Port of Los Angeles)

Wilmington, Carson, West Long Beach

CSC Members gave an overview of the port's environmental programs and dialogued with staff about the issues in the port of LA.

- "Each stop was a learning experience and if it was not for these tours, I would never know a thing about the Ports."
- "I wish more people could take tours like this everyday in order to better understand what the people from this community are going through."
- "The fact that we were at waterfront park for an hour and I was feeling ill from the effects of the emissions."



Employee Resource Groups (ERG)

October Updates



DEI and ERG hosted informational booths at the South Coast AQMD Benefits Fair.



The Allies and Advocates Employee Resource Group aims to provide a supportive and safe space for South Coast AQMD staff to foster an inclusive and accepting agency culture by using trust, respect, and empathy, because it costs nothing to be kind.

Ally and Advocates hosts hybrid meetings (Zoom/OC Conference Rm) on the 2nd Wednesday of each month from 9:15am-10:15am.
For more information, or to join, contact: AllyAdv@aqmd.gov

Allies and Advocates

The purpose of the API+ Employee Resource Group is to contribute to South Coast AQMD's efforts in improving workplace diversity, inclusion, and equity. We do this by speaking up and working with Diversity, Equity, Inclusion and other employee resource groups. API+ strives to create a safe space and vibrant community where membership not only connects colleagues but also fosters lasting relationships, personal growth, and a sense of belonging.

For more information, or to join, contact: APIplus@aqmd.gov

Asian and Pacific Islander+

The Black Employees Resource of Change (BEROC) Employee Resource Group promotes an inclusive and equitable environment aimed at improving the experiences of current and future Black employees of the South Coast Air Quality Management District. Through educational opportunities, professional networks, mentoring, and cultural awareness events, BEROC strives to enhance recruitment efforts, increase employee retention, as well as acknowledge and support the growth and development of Black employees. BEROC leverages the diverse experiences of its members to provide practical solutions, innovative ideas, and guidance to the Executive Office for the overall betterment of our workplace and the communities served by our agency.

ERG INFORMATION
BEROC meets on an ad hoc basis via Zoom. For more information, to become a BEROC member or BEROC leader, contact: BEROC@aqmd.gov

Black Employees Resource of Change

Hispanic and Latinx Organization for Success

The LGBTQIA+ Employee Resource Group is founded on the values of trust, respect, and understanding. We are dedicated to fostering a culture where lesbian, gay, transgender, queer or questioning, intersex, asexual (and more), staff feel genuinely supported. Through our thoughtful approach, we cultivate an atmosphere of empathy, ensuring each member is valued and embraced for who they are, strengthening the fabric of our agency.

Lesbian, Gay, Bisexual, Queer/Questioning, Intersex & Asexual +

The Persian Employee Resource Group seeks to foster and promote interaction and unity amongst the Persian American community members and the South Coast AQMD employees, through introduction, dialogue, and exposure to various social and cultural aspects of Persian/Iranian hopes and aspirations.

For more information, or to join, contact: PersianERG@aqmd.gov

Persian

The purpose of the South Coast AQMD Veterans and Active Duty Military Family Employee Resource Group is to create a cohesive and supportive community where veterans and military family can leverage their shared experiences to enhance their professional growth, facilitate mentorship, and contribute their valuable insights to our organization's mission and success. Through camaraderie and collaboration, we aim to bridge the gap between military and civilian cultures while fostering a strong sense of belonging and purpose among our veteran and military family members.

★ TO JOIN OR REQUEST MORE INFORMATION CONTACT: VeteransERG@aqmd.gov ★

Veterans and Active Duty Military Family



Any
Questions?



South Coast Air Quality Management District
Diversity Equity and Inclusion with
Community Air Programs
Memorandum

DATE: November 9, 2023

TO: Administrative Committee

FROM: Dr. Anissa “Cessa” Heard-Johnson, Deputy Executive Officer

SUBJECT: Young Leaders Advisory Council – **New Membership Request for CY 2024**

The South Coast AQMD’s Young Leaders Advisory Council (YLAC) is comprised of up to 20 members representing the collected communities within South Coast AQMD’s jurisdiction. It consists of an ethnically and geographically diverse membership with at least two members from each county. YLAC Chair, Dr. Anissa “Cessa” Heard-Johnson, recommends approval to add the new¹ candidates below.

Candidate	Affiliation (If Any)	Representing
Alfonso Beltran Romillo (Alternate)	N/A	Los Angeles
Gabriela Ballesteros	N/A	Los Angeles
Mai Nguyen Do	N/A	Los Angeles
Aditi Gajurel	Former South Coast AQMD Student Intern	Los Angeles
Matthew Patara Hui	N/A	Los Angeles
Emanuel De Jesús	N/A	Los Angeles

¹ The following recommended candidates are all new members, with the exception of Ms. Roxana Barrera, proposed as an alternate, who has served as a YLAC member previously. 32

Yifan Li	Former South Coast AQMD Student Intern	Los Angeles
Vanessa Melesio	N/A	Los Angeles
Michael Lyle Schumer	N/A	Los Angeles
Hayato Joshua Shigeta	Former South Coast AQMD Student Intern	Los Angeles
Linh Tran	Former South Coast AQMD Student Intern	Los Angeles
Celia Vargas	N/A	Los Angeles
Marcos Coronel	N/A	Riverside
Ryan Drover	Former South Coast AQMD Student Intern	Riverside
Norah Kyassa	N/A	Riverside
Ciara Christina Thrower	N/A	Riverside
Yolanda Aguilar Candelario	N/A	San Bernardino
Angel Delgado Lira	N/A	San Bernardino
Roxana Barrera (Alternate)	Previous YLAC Member	San Bernardino
Member Pending	No Orange County Applications were Received, this seat is reserved for an Orange County Member	Orange County

Member Pending	No Orange County Applications were Received, this seat is reserved for an Orange County Member	Orange County
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The above members will serve a one-year term (February 2024 – November 2024) with the possibility of being reappointed for extended one-year terms.

AHJ:hlp

ATTACHMENT: Objectives of Proposed New Members

ATTACHMENT:
Objectives of Proposed New Members

Los Angeles

Alfonso Beltran Romillo

“I would like to contribute to making cleaner air for my community. I've worked with some private companies and have witnessed how public health was seen as a hindrance instead of a priority.”

Gabriela Ballesteros

“I am interested in serving on the Young Leaders Advisory Council because I am passionate about ensuring that those residing in the South Coast Air Quality Management District (AQMD) have the right to clean air and a prosperous, healthy future for generations to come. To ensure a viable quality of life, we must address air quality. It is vital that collectively, as a Council, we listen and respond to the community's needs while working alongside the South Coast AQMD Governing Board, policymakers, community leaders, and other stakeholders. Serving on the Council will also give me insight into ongoing clean air issues and provide insight. Again, it is an opportunity for me to provide insight as a young person residing in South East Los Angeles, where air quality issues are an ongoing concern. For example, most recently, the South Coast AQMD Governing Board ruled to phase out Hexavalent Chromium after ongoing research that industry areas emit the chemical into the surrounding residential areas, causing harmful health issues. I recall listening to public comments and making an observation. A public hearing should hear from industry stakeholders, elected officials, and ultimately community members of all ages. It is essential to engage with community members on air quality issues and young people who should be equipped with the tools to be advocates. Overall, I am committed to the Council's mission to identify air quality issues and serve as an advocate to address the issues.”

Mai Nguyen Do

“Having grown up next to the largest landfill by volume in Santa Clarita, I've grown acutely aware of the risks that come with worsening air quality: distrust of local government's capacities, poorer quality of life, and declining health outcomes – like my own lifelong respiratory health issues. Now, as a young millennial developing my professional career teaching undergraduate students from across the region and researching within immigrant and refugee communities, I continue to grow increasingly concerned with the state of our region's air as a public good and a bellwether for broader environmental health. I hope to bring my perspective and experience as a relatively young resident of the region, as a social scientist, and as an educator of young adults to the AQMD Young Leaders Advisory Council.”

Aditi Gajurel

“I want to be a part of a team which focuses on mitigating at least one of the community issues. This way I can contribute to the [] betterment of the community with my energy and effort.”

Matthew Patara Hui

“I am interested in serving in the Young Leaders Advisory Council due to my interest in preserving our environment for the future. As someone who is passionate about climate change and environmental protection while also growing up with asthma, I understand the importance of healthy air quality and the need to preserve and improve it. I want to use my voice to further empower my generation and [] my future children's generation for them to continue living healthily on Planet Earth.”

Emanuel De Jesús

“I’m tired of my air quality being atrocious.”

Vanessa Melesio

“As a lifelong, SoCal resident, emerging planner, and transit professional working towards improving connectivity and public transportation experiences within the region, I’d like to be involved with a community working toward goals of improving air quality and engaging with communities to help get us to healthier conditions. I am seeking a community and I’d like to contribute my perspectives as a Latina, planning, transit rider. Thank you for your consideration!”

Michael Lyle Schumer

“I am passionate about decarbonization and environmental justice. I think we have a historic opportunity to transform the triple bottom line for disadvantaged and low-income communities of the South Coast Air Basin who face the worst pollution nationally.”

Hayato Joshua Shigeta

“I am interested in voicing the public, especially my generation, as well as being knowledgeable and share about the air quality concerns of my area and my peers. I also want to know how I can impact positively to this community by helping with educating the public upon air quality.”

Linh Tran

“As somebody who [has] been personally affected by unhealthy amounts of air pollutants, I’m a strong proponent of initiatives to improve air quality. Working as a South Coast AQMD intern, I am familiar with the agency and I believe that the mission that South Coast AQMD has aligns with mine. I want to be able to serve as a voice for youth advocates within my local community to work towards a more sustainable and environmentally conscious future.”

Celia Vargas

“Being born and raised in Los Angeles, I understand the needs of the greater Los Angeles area on improvements for environmental issues such as planning, infrastructure, and sustainability, even more so in low-income neighborhoods. After earning a degree from San Jose State University in Environmental Studies while minoring in Sustainable Energy, I developed a strong foundation in critical thinking from concepts, research principles, and technical writing. Currently, as a member of the U.S. Green Building Council - Los Angeles Green Building Corps, it has given me an opportunity to collaborate with community members and leaders in Los Angeles. With my background and experience, I am confident I can be a valuable addition to AQMD Young Leaders Advisory Council to represent my community.”

Riverside

Marcos Coronel

“I am eager to support the work of the Young Leaders Advisory Council, with my educational background and unwavering commitment to community service making me a strong fit for the council's objectives. Raised in the Coachella Valley after being born in Mexicali, Baja California, I hold a Master's Degree in Public Administration from California State University, San Bernardino, and Bachelor's and Associate's Degrees in Political Science from the University of California, Los Angeles (UCLA) and San Diego Mesa College, respectively. My academic journey has equipped me with a comprehensive understanding of political and social sciences, while complementing my deep connection to our community's unique needs. My commitment to community service is strongly reflected in my active

involvement in various organizations and initiatives. I serve as a board member of the Desert Recreation Foundation, an organization ensuring the equitable and inclusive access to recreational opportunities with the Coachella Valley. I am equally dedicated to the College of the Desert Alumni Association and the Dr. Carreon Foundation, both of which are committed to providing scholarships and opportunities to students in the Coachella Valley and Inland Empire. Additionally, I serve as Chair of the Riverside County Coalition for Smoke-Free Communities, where I passionately advocate for healthier environments, closely aligning with South Coast AQMD's air quality improvement goals. Furthermore, I actively engage with the UCLA Latino Alumni Association, where I volunteer as scholarship application reader that allows me to actively support aspiring students in their educational pursuits. With a multicultural background and my genuine commitment to community service, I am able to advocate to local stakeholders and residents for the betterment of our region. My dedication to personal and professional growth has empowered me to leverage my knowledge and experience for the betterment of the organizations and communities I serve. My background as a community advocate positions me ideally to contribute effectively to YLAC's objectives, including strengthening connections with young adults, promoting continuous progress toward[s] cleaner air, and heightening awareness of air quality and clean technology. I am genuinely enthusiastic about the prospect of collaborating with fellow council members, actively participating in outreach endeavors, and offering valuable insights to assist South Coast AQMD in its mission to enhance air quality and create a healthier environment for our community. I express my sincere appreciation for considering my application.”

Ryan Drover

“As a PhD candidate at UCR I've had the opportunity to work in a range of air quality and energy project areas, including some of the largest emissions sources, policy reports, and working with the UCR School of Medicine on health disparities topics. Being able to apply and communicate this work is what I see as the most compelling area to work and is similarly what brought me to [South Coast AQMD]. Understanding the concerns that drive these subject areas are of the utmost importance and will continue to direct the focus of air pollution work.”

Norah Kyassa

“Growing up in Riverside County, I witnessed firsthand the perpetual smudge of pollutive gray in our skies, the heightened health adverse effects, and disinterest of politicians toward climate mitigative strategies within the region. As the climate crisis worsens, regions such as Riverside are disproportionately impacted by staggering climate events. South Coast AQMD presents the opportunity to engage in a platform dedicated to climate and environmental justice, while ensuring the voices of residents truly impacted by the climate crisis are heard. Furthermore, as a Black woman, I recognize the unique intersections between environmentalism and inclusivity and believe this will forge a stronger sense of trust amongst residents of these cities. Not only this, but my experience working in clean mobility issues and addressing transforming the transportation sector to one that is run on renewable energy, provides me the knowledge necessary to engage with my community on these pertinent issues. I strongly believe the best way to thank my community for all [it has] done for myself and my loved ones is to guarantee they have a future, one defined by clear skies and clean air; with YLAC, I can work towards that.”

Ciara Christina Thrower

“I'm interested in serving in the council to utilize my experience as a Black Woman, Clean Air Advocate and Environmental Policy Analyst living and serving in the Inland Empire. Our community has some of the worst air quality in the nation and it is essential to breed collaboration on the local, regional and statewide level when looking at these issues. Through my work with Breathe Southern California, I've seen how government agencies aren't often great communicators with Community Based Organizations. It has been central to my work to streamline this collaboration and find pathways that lead to tangible

change. Lastly, I would like to commend [South Coast AQMD] for actively seeking young leaders' input on these issues. The youth are not only the leaders tomorrow but are often those that are on the ground right now leading the change. Government agencies often mention the importance of the youth perspective but fail to actively seek out and provide space for them. I also serve on California Forward's Youth Advisory Council and have seen the importance of working with young leaders right now, today."

San Bernardino

Yolanda Aguilar Candelario

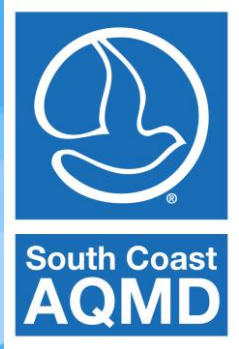
"I am interested in serving in the Youth Leaders Advisory Council because there are a lot of inequities and poor air quality in the counties of Riverside and San Bernardino. I want to be an active member in advocating for change and being a representative of my community. Being in this role would help develop professional skills by serving on an advisory council that works under South Coast AQMD. I understand there are various issues affecting our community, but air quality is a main concern among our youth, and I am thankful that this council was formed to give us (youth) a voice."

Angel Delgado Lira

"I am interested in serving in the Young Leaders Advisory Council due to the urgency of environmental justice, air quality, and climate change within the region, and specifically where I am born and raised: the Inland Empire, specifically Fontana. I have lived in San Bernardino County my entire life, went to university in Orange County, and participated in a public affairs fellowship program in Los Angeles, and have gained a holistic view of the region and its air quality issues. In addition to lived experience, I have also had the opportunity to research deeper and engage with the South Coast AQMD through the Coro Southern California Public Affairs Fellowship program. Learning how [South Coast AQMD] functions and interfaces with other stakeholders in public policy, as well as public outreach, has been beneficial in my understanding of the progress being done in the region. The biggest issue I have kept up with has been the Indirect Source Rule and the WAIRE Program, due to the increased proliferation of warehouses in Fontana and the Inland Empire. I have been a runner since high school, and running through parts of the city and trails that used to have homes and large plots of land with animals have been replaced by warehouses. The issue has gotten to the point where more and more residents have been getting involved in actions (attending city council and planning meetings, protests, participating in community environmental justice groups, petitioning, etc.), and by serving in YLAC, I hope to engage and provide more opportunities for youth in the region, and to contribute to [South Coast AQMD's] air quality goals."

Roxana Barrera (Alternate)

"I've been on YLAC for a few years and want to continue to address our air quality concerns for San Bernardino residents."



FY 2023-24 1st Quarter Budget vs. Actual (Unaudited)

Administrative Committee
November 9, 2023

General Fund Overview

- FY 2023-24 1st Quarter Budget vs. Actual (unaudited)
- Revenues
- Expenditures
- Use of Fund Balance
- Updated General Fund Five Year Projection

General Fund Budget Summary

	Fiscal Year 2023-24		
(\$ in millions)	Adopted Budget	Amended Budget	FY 2023-24 Q1 Actuals (unaudited)
Revenues/Transfers In	\$196.3	\$198.3	\$55.1
Expenditures/Transfers Out	\$196.3	\$199.4	\$48.0

Revenue Comparison

FY 2023-24 1st Quarter Budget vs. Actual & FY 2022-23 1st Quarter

Revenue Type (\$ in millions)	Fiscal Year 2023-24 Q1			Fiscal Year 2022-23 Q1	
	Amended Budget	Actuals (unaudited)	Actual % of Budget	Actuals	Actual % of Budget
Emissions Fees	\$ 20.5	\$9.1	44%	\$9.0	42%
Annual Operating Fees	76.5	33.7	44%	31.6	46%
Permit Fees	19.1	4.1	21%	4.6	27%
Mobile Sources/Transportation	33.5	0.6	2%	0.6	2%
Other*	43.6	6.8	16%	5.5	12%
Area Sources	2.3	0.0	0%	0	0%
Transfers In	<u>2.8</u>	<u>0.8</u>	29%	<u>0.8</u>	26%
Total	<u>\$198.3</u>	<u>\$55.1</u>	28%	<u>\$52.1</u>	27%

*Includes revenues from Federal & State Grants, State Subvention, Penalties/Settlements, "Hot Spots", Interest, PERP, Hearing Board, Source Test/Lab Analysis, Leases, Subscriptions, and Misc.

Expenditure Comparison

FY 2023-24 1st Quarter Budget vs. Actual & FY 2022-23 1st Quarter

Major Object (\$ in millions)	Fiscal Year 2023-24 Q1			Fiscal Year 2022-23 Q1	
	Amended Budget	Actuals (unaudited)	Actuals % of Budget	Actuals	Actuals % of Budget
Salaries & Benefits	\$160.5	\$31.5	20%	\$30.1	19%
Services & Supplies	30.4	9.7	32%	8.8	32%
Capital Equipment	2.4	0.7	29%	0.5	17%
Debt Service	4.1	4.1	100%	4.1	100%
Transfers Out	<u>2.0</u>	<u>2.0</u>	100%	<u>2.8</u>	100%
Total	<u>\$199.4</u>	<u>\$48.0</u>	24%	<u>\$46.3</u>	24%

Board Approved Use of Fund Balance FY 2023-24 1st Quarter

Board Letter Approval	Use	Amount
9/1/2023, #9	AB 617 Expenditures	\$289,938
9/1/2023, #10	Rule 1180 Activities	500,000
9/1/23, #15	Outside Legal Counsel	300,000
Total:		<u>\$1,089,938</u>

FY 2023-24 Unaudited and Five-Year Projection

(\$ in millions)	FY 22-23 Unaudited	FY 23-24 Projected	FY 24-25 Projected	FY 25-26 Projected	FY 26-27 Projected	FY 27-28 Projected
Authorized Staffing	1,005	1,010	1,010	1,010	1,010	1,010
Vacancy Rate	11%	11%	11%	11%	11%	11%
Funded Staffing	894	899	899	899	899	899
Revenues **	\$191.0	\$198.3	\$203.9	\$207.8	\$210.2	\$210.2
Program Costs	\$186.3	\$199.4	\$204.5	\$209.5	\$213.0	\$213.0
Changes in Fund Balance	\$4.7	\$(1.1)	\$(0.6)	\$(1.7)	\$(2.8)	\$(2.1)
Unreserved Fund Balance (at Year-End)	\$87.1	\$86.0	\$85.4	\$83.7	\$80.9	\$78.8
% of Revenue	46%	43%	42%	40%	38%	37%
** CPI projections include the following: FY 24/25 – 5.3% & 2.0% on Annual Operating & Permit Fees; FY 25/26 - 3.6%; FY 26/27 – 3.2% & FY 27/28 – 3.1%						

Questions?

BOARD MEETING DATE: December 1, 2023

AGENDA NO.

REPORT: Status Report on Major Ongoing and Upcoming Projects for Information Management

SYNOPSIS: Information Management is responsible for data systems management services in support of all South Coast AQMD operations. This action is to provide the monthly status report on major automation contracts and planned projects.

COMMITTEE: Administrative, November 9, 2023, Reviewed

RECOMMENDED ACTION:
Receive and file.

Wayne Natri
Executive Officer

RMM:XC:DD:HL:dc

Background

Information Management (IM) provides a wide range of information systems and services in support of all South Coast AQMD operations. IM's primary goal is to provide automated tools and systems to implement rules and regulations, and to improve internal efficiencies. The annual Budget and Board-approved amendments to the Budget specify projects planned during the fiscal year to develop, acquire, enhance, or maintain mission-critical information systems.

Summary of Report

The attached report identifies the major projects/contracts or purchases that are ongoing or expected to be initiated within the next six months. Information provided for each project includes a brief project description and the schedule associated with known major milestones (issue RFP/RFQ, execute contract, etc.).

Attachment

Information Management Status Report on Major Ongoing and Upcoming Projects During the Next Six Months

ATTACHMENT
 December 1, 2023 Board Meeting
 Status Report on Ongoing and Upcoming Projects for
 Information Management

AQ-SPEC Cloud Platform Phase 2	
Brief description	Integrate separate data systems into the AQ-SPEC cloud-based platform to manage data and build interactive data visualizations and data dashboards for web-based viewing
Estimated project cost	\$313,350
Overall project status	In Progress
Est. date of completion	4/25/24
Percentage complete	39%
LAST 30 days	<ul style="list-style-type: none"> System development in progress
NEXT 30 days	<ul style="list-style-type: none"> System development in progress

PeopleSoft Electronic Requisition	
Brief description:	This will allow submittal of requisitions online, tracking multiple levels of approval, electronic archival, pre-encumbrance of budget, and streamlined workflow
Estimated project cost	\$75,800
Overall project status	In Progress
Est. date of completion	1/15/24
Percentage complete	90%
LAST 30 days	<ul style="list-style-type: none"> Deployed to Production for Administrative and Human Resources
NEXT 30 days	<ul style="list-style-type: none"> Training and Integrated User Testing for other divisions

Warehouse Indirect Source Rule Online Reporting Portal Phase 4	
Brief description:	Development of online reporting portal for Rule 2305 –Warehouse Indirect Source
Estimated project cost	\$250,000
Overall project status	In Progress
Est. date of completion	12/29/23
Percentage complete	25%
LAST 30 days	<ul style="list-style-type: none"> Phase 4 System Development in Progress
NEXT 30 days	<ul style="list-style-type: none"> Phase 4 System Development in Progress

Online Application Filing	
Brief description	Enhanced Web application to automate filing of permit applications, Rule 222 equipment and registration for IC engines; implement electronic permit folder and workflow for staff
Estimated project cost	\$525,000
Overall project status	In Progress
Est. date of completion	12/01/23
Percentage complete	90%
LAST 30 days	<ul style="list-style-type: none"> User Acceptance Testing of Phase 1 of the project (first ten 400-E-XX forms). User Acceptance Testing of next set of Rule 222 forms.
NEXT 30 days	<ul style="list-style-type: none"> User Acceptance Testing of Phase 1 of the project (first ten 400-E-XX forms) User Acceptance Testing of next set of Rule 222 forms

Agenda Tracking System	
Brief description	Develop new Agenda Tracking System for submittal, review and approval of Governing Board meeting agenda items
Estimated project cost	\$250,000
Overall project status	In Progress
Est. date of completion	12/28/23
Percentage complete	66%
LAST 30 days	<ul style="list-style-type: none"> System Development in progress
NEXT 30 days	<ul style="list-style-type: none"> System Development in progress

Source Test Tracking System (STTS)	
Brief description	Online STTS will keep track of timelines and quantify the number of test protocols and reports received. System will provide an external online portal to submit source testing protocols and reports, track the review process, and provide integration to all other business units. It will also provide an external dashboard to review the status of a submittal
Estimated project cost	\$250,000
Overall project status	In Progress
Est. date of completion	12/01/23
Percentage complete	95%
LAST 30 days	<ul style="list-style-type: none"> Completed initial Source Test Submittals with regulated community volunteers
NEXT 30 days	<ul style="list-style-type: none"> Working on going live

Compliance System	
Brief description	Develop new Compliance System to help streamline the compliance business process. The new system will provide full integration of incident management, inspection process, field operations and operations dashboard.
Estimated project cost	\$450,000
Overall project status	In Progress
Est. date of completion	8/21/24
Percentage complete	14%
LAST 30 days	<ul style="list-style-type: none"> • Planning phase completed
NEXT 30 days	<ul style="list-style-type: none"> • System development in progress

Website Upgrade	
Brief description	Upgrade the Website Content Management System to latest version
Estimated project cost	\$100,000
Overall project status	In Progress
Est. date of completion	1/12/24
Percentage complete	85%
LAST 30 days	<ul style="list-style-type: none"> • Integration testing of enhancements
NEXT 30 days	<ul style="list-style-type: none"> • Streamline publishing process

Prequalify Vendor List for PCs, Network Hardware, etc.	
Brief description	Establish list of prequalified vendors to provide computer, network, and printer hardware and software, and to purchase desktop computer hardware upgrades
Estimated project cost	\$300,000
Overall project status	In Progress
Est. date of completion	2/2/2024
Percentage complete	20%
LAST 30 days	<ul style="list-style-type: none"> • Developed RFQQ • Released RFQQ on November 3, 2023
NEXT 30 days	<ul style="list-style-type: none"> • Approve Vendors List February 2, 2024

Renewal of HP Server Maintenance & Support	
Brief description	Purchase of maintenance and support services for servers and storage device
Estimated project cost	\$175,000
Overall project status	In Progress
Est. date of completion	4/30/2024
Percentage complete	0%
LAST 30 days	
NEXT 30 days	<ul style="list-style-type: none"> Request Board approval for HP server maintenance and support April 5, 2024 Execute purchases April 30, 2024

Renewal of OnBase Software Support	
Brief description	Authorize the sole source purchase of OnBase software subscription and support for one year
Estimated project cost	\$175,000
Overall project status	In Progress
Est. date of completion	7/30/2024
Percentage complete	0%
LAST 30 days	
NEXT 30 days	<ul style="list-style-type: none"> Request Board Approval June 7, 2024 Execute purchase July 30, 2024

Projects that have been completed within the last 12 months are shown below

COMPLETED PROJECTS

PROJECT	DATE COMPLETED
PeopleSoft HCM (Human Capital Management) upgrade	October 24, 2023
Carl Moyer Program GMS	October 4, 2023
Legal Office System – Phase 2	August 31, 2023
Oracle PeopleSoft Software Support	August 31, 2023
PeopleSoft E-Requisition deployment for IM division	August 22, 2023
Renewal of OnBase Software Support	July 31, 2023
Air Quality Advisory Enhancement	June 30, 2023
WAIRE Program Online Portal – Initial Site Information Report Enhancement	May 26, 2023
Renewal of HP Server Maintenance & Support	April 30, 2023
Purchase of Server and Storage Upgrades	April 30, 2023
Rule 1180 Monitoring Site and Notification Updates	March 30, 2023
WAIRE Program Online Portal – Owner AWR Enhancement	February 22, 2023
Phone System Upgrade	January 28, 2023



South Coast Air Quality Management District
Legislative, Media & Public Affairs
Memorandum

DATE: November 9, 2023
TO: Administrative Committee
FROM: Derrick J. Alatorre, Deputy Executive Officer/Public Advisor
SUBJECT: Environmental Justice Advisory Group – **New Membership Request**

Review Recommended Appointments of New Members to South Coast AQMD's Environmental Justice Advisory Group (No Motion Required) Governing Board Chair Delgado requests Committee review before the appointment of five new members to serve on the Environmental Justice Advisory Group.

Candidate	Affiliation	Representing
Pamela Atcitty	Former Environmental Justice Community Partnership (EJCP) member Environmental Technician/Tribal Air Program	Morongo Band of Mission Indians
Ada Briceno	Former EJCP member Co-President, Unite Here – Local 11	Union
Lisa Hart	Former EJCP member Co-founder, Neighborhood Council Sustainability Alliance	Neighborhood Council
Edward Marquez	Former EJCP member President and CEO, Construction Trade Association	Government, Public, Community Affairs
Oscar Rodriguez	Former EJCP member Co-founder, Oak View ComUNIDAD	Non-profit

The above members will serve a four-year term, from November 2023 – November 2027.

DJA:MK:EB

ATTACHMENT: Bio of proposed new members

ATTACHMENT

Pamela Atcitty
Environmental Protection Specialist,
Morongo Environmental Protection Department

Pamela Atcitty is an Environmental Protection Specialist managing a tribal air program with the Morongo Environmental Protection Department. Pamela has over 10 years of experience planning, coordinating, and implementing air quality regulations.

Part of Pamela's role is to write and implement key plans such as the Quality Assurance Project Plans and Quality Management Plan. Pamela works closely with neighboring tribes to ensure quality assurance and quality control measures of the air program are being met. Additionally, Pamela serves as an instructor for the Institute for Environmental Professionals (ITEP). Pamela received her bachelor's degree from the California State University, Northridge.



Term: November 2023 through November 2027

ATTACHMENT

Ada Briceño **Co-President, Unite Here Local 11**

Ada Briceño is Co-President of Unite Here Local 11 where she tirelessly fights for the rights of low paid workers. In 2014, she was influential in the passing of an ordinance to secure at least \$15.37 an hour for large hotel workers. Unite Here's membership is diverse, comprising workers from many immigrant communities as well as high percentages of African American, Latino, and Asian American workers.



Ada is focused on building a movement to enable people of all backgrounds to achieve greater equality and opportunity.

Term: November 2023 through November 2027

ATTACHMENT

Lisa Hart

Executive Director, Neighborhood Council Sustainability Alliance

Lisa Hart is an organizational and community development consultant who leads teams to design, implement, and evaluate initiatives that leverage diversity and engage communities to advance the social sector's leaders, networks, and organizations and address systemic problems. She co-founded the Neighborhood Council Sustainability Alliance (NCSA), which is composed of 43 neighborhood councils working to advance sustainability and resilience across the City of Los Angeles through advocacy, sharing of best practices, and community action.



Lisa has focused on diversity, equity, and inclusion for most of her career, and worked at the Los Angeles County Human Relations Commission to promote inclusive multicultural society through advocacy, training, community interventions, and public information and awareness campaigns. As the legislation and public policy liaison, she promoted legislation and public policy on equity, education, public health, immigration, and criminal justice reform. She then led a diversity and inclusion initiative at City of Hope, and now leads the NCSA's efforts to prevent oil drilling in our neighborhoods and encourage the Los Angeles Department of Water and Power to achieve 100% renewable energy by 2030.

With a strong training and facilitation background, she regularly plans, convenes, and facilitates events throughout the City of Los Angeles on topics such as environmental justice, the need for affordable housing, green jobs, and the just transition to green energy. She also leads the NCSA's outreach and communications efforts.

Term: November 2023 through November 2027

ATTACHMENT

Eddie Marquez **Executive Vice President**

Eddie Marquez serves as Executive Vice President of a Trade Association in the Construction Industry. His duties include executive management and program and regulatory administration. Eddie is responsible for key relationships including partnerships with policy makers, regulators, business, trade, and community-based organizations.

Eddie has served as Chairman and member of the Board of Directors for business organizations and chambers, non-profit and CBO boards, and continues to be actively involved in chambers and other community-based organizations.

Eddie received a bachelor's degree in American Literature from the University of California, Santa Cruz and received his Doctor of Jurisprudence from the Monterey College of Law.

Term: November 2023 through November 2027



ATTACHMENT

Oscar Rodriguez
Co-founder, Oak View ComUNIDAD

Oscar Rodriguez is a community activist from the Oak View Community in Huntington Beach, CA. He graduated with his Bachelor of Science degree in Health Care Administration from California State University, Long Beach in May 2016. Oscar co-founded Oak View ComUNIDAD, a local grassroots group.

Term: November 2023 through November 2027



BOARD MEETING DATE: December 1, 2023

AGENDA NO.

PROPOSAL: Appoint Medical Member to Hearing Board

SYNOPSIS: This action is to fill the Regular Medical Member vacancy on the South Coast AQMD Hearing Board for an unexpired term ending June 30, 2025. Based on the recommendation of the Hearing Board Advisory Committee, the Administrative Committee will interview two candidates at its November 9, 2023 meeting for a final recommendation to the full Governing Board in December.

COMMITTEE: Administrative, November 9, 2023; Recommended for Approval

RECOMMENDED ACTION:

Appoint [Candidate] as the South Coast AQMD Hearing Board Medical Member to fill the unexpired term ending June 30, 2025.

Wayne Nastri
Executive Officer

FT

Background

The South Coast AQMD Hearing Board is a quasi-judicial body established by state law to provide relief from South Coast AQMD regulations under certain circumstances. The Hearing Board is a five-member board, consisting of one engineer, one attorney, one medical professional and two public members. An alternate for each position is appointed to ensure there is sufficient representation on the Hearing Board when the primary member is otherwise unable to attend. Hearing Board members are appointed by, but act independently of, the Governing Board.

Due to the passing of Dr. Allan Bernstein, who had been serving as the Regular Medical Member since 2019, a recruitment was opened from June 28, 2023 through August 18, 2023 to fill the vacant medical member position. The vacancy was posted on South Coast AQMD's website, job boards through partnership with Careers in Government, and social media platforms (X, Facebook, LinkedIn, and Instagram), CAPCOA, and Careers in Government Boost; email notification to two University of California physician groups; and the Los Angeles, Orange Riverside, and San Bernardino Counties Medical Associations.

The Health and Safety Code requires that the Hearing Board medical member be a licensed physician with two or more years of practical experience. At the closing of the recruitment period, four applications were submitted for the medical member position; however, only two applicants met the minimum requirements: Dr. Jerry Abraham and Dr. Sharon Williams. Dr. Abraham is currently serving as the Alternate Medical Member on the Hearing Board.

Pursuant to Health and Safety Code Section 40501.1(b), an advisory committee appointed by five members of the Governing Board reviewed the resumes of both candidates. The current Advisory Committee members are Guillermo Gonzalez, representing Supervisor V. Manual Perez; Trung “Joe” Q. Ha, representing Supervisor Do; Loraine Lundquist, representing Supervisor Mitchell, Allison Mannos, representing Councilmember Raman; and William Sterling, representing Supervisor Hagman.

On October 27, 2023, the Advisory Committee met to discuss the qualifications of the two candidates and make a recommendation to the Administrative Committee. By a unanimous vote, the Advisory Committee ranked the candidates in the order enumerated below and recommended that both candidates be interviewed by the Administrative Committee.

- 1) Dr. Jerry Abraham
- 2) Dr. Sharon Williams

Proposal

The Administrative Committee interviewed both candidates and recommends that the Governing Board appoint [Candidate] to the South Coast AQMD Hearing Board as the Medical Member to fill the unexpired term ending on June 30, 2025. [Will add language if the Administrative Committee decides to select the Alternate Medical Member]

Fiscal Impacts

Sufficient funds are budgeted each year to compensate those who serve on the Hearing Board.

Attachments

Candidate Resumes

JERRY P. ABRAHAM, M.D., M.P.H, C.M.Q.
CURRICULUM VITAE

PERSONAL HISTORY



EDUCATION

Texas Academy of Mathematics & Sciences TAMS University of North Texas	2000-2002
Bachelor of Science, Biology-Neuroscience Bachelor of Arts, Spanish & Portuguese Literature Emory University, College of Arts & Sciences	2002-2005
Master of Public Health Injury Epidemiology & Global Health Rollins School of Public Health, Emory University	2005-2007
Fellow, Global Injury Epidemiology Emory University, Rollins School of Public Health	2005-2008
Research Fellowship Injury Epidemiology & Global Health Harvard School of Public Health	2008-2011
Research Fellow Family Medicine, Health & Policy Economics University of Texas, School of Medicine	2011-2014
Doctor of Medicine Family and Community Medicine University of Texas, School of Medicine	2010-2014
Internship & Residency Family Medicine Residency Program University of Southern California USC	2014-2017
Integrative Medicine Certificate Program University of Arizona School of Medicine	2014-2017
Family Medicine Chief Resident Diabetes Fellowship Primary Care Education Consortium	2016-2017

Primary Care Metabolic Group	
Fellowship in Health Policy, Medical Quality & Faculty Development Eisner Family Medicine Clinic at Dignity Health California Hospital University of Southern California USC	2017-2018
LA CARE Physician Leadership Program Fellowship	2017-2019
Climate Health Organizing Fellowship CHOF Harvard Medical School – Cambridge Health Alliance CHEEA	2021-2022
American Medical Association AMA - Satcher Health Leadership Institute SHLI Medical Justice in Advocacy Fellowship MJAF	2022-Present
American Academy of Family Physicians AAFP Leading Physician Wellbeing LPW Fellowship	2023-Present

LICENSURE

Medical Board of California Physician & Surgeon [REDACTED]	2015-Present
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BOARD CERTIFICATIONS

Board Certification in Medical Quality American Board of Medical Quality	2015-Present
Board Certification in Family Medicine, [REDACTED] American Board of Family Medicine ABFM	2017-Present

OTHER CERTIFICATIONS

National Provider Identifier NPI, [REDACTED] Center for Medicare & Medicaid Services	2014-Present
Provider Enrollment, Chain, & Ownership System, PECOS #1932514874 Center for Medicare & Medicaid Services	2014-Present
Advanced Cardiovascular Life Support	2014-Present
Pediatric Advanced Life Support	2014-Present
Basic Life Support	2014-Present
Neonatal Resuscitation Program	2014-Present
Advanced Life Support in Obstetrics	2014-Present

Crisis Prevention Intervention	2014-Present
Hospital Fire & Life Safety	2014-Present
HIPAA Privacy Education Program	2014-Present
Collaborative Institutional Training Initiative Human Research	2014-Present
Merck Clinical Training Program for NEXPLANON	2014-Present
Controlled Substance Registration Certificate & X-Waiver [REDACTED]	2015-Present
Drug Enforcement Administration DEA	
Medication Assisted Treatment for Opioid Use Disorder	2016-Present

ACADEMIC APPOINTMENTS

Present Positions:

Clinical Assistant Professor, Joint Appointment Departments of Family Medicine and Psychiatry Charles R. Drew University of Medicine and Science	2022-Present
Fellowship Director (non-ACGME) COVID-19 Vaccine Fellowship Program Kedren Community Health Center, Inc.	2022-Present

Previous Positions:

Faculty & Attending Physician (Full Spectrum Family Medicine including uncomplicated Obstetrics) Eisner Family Medicine Center, Dignity Health California Hospital University of Southern California, Los Angeles, CA	2014-2019
Adjunct Clinical Professor, Family & Community Medicine University of Southern California, Keck School of Medicine Los Angeles, CA	2017-2019

PROFESSIONAL EXPERIENCE

Present Positions:

Medical Staff Member with Active Privileges Family Medicine Department	2014-Present
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Dignity Health, California Hospital Medical Center Los Angeles, CA	
In-Patient Pediatrics & In-Patient Adult Medicine Attending Physician Acute Psychiatric Hospital, Kedren Health Los Angeles, CA	2019-Present
Attending Family Physician Community Care Clinic Kedren Health Los Angeles, CA	2019-Present
Director & Chief Vaccinologist, Kedren Vaccines Kedren Health South Los Angeles, CA	2020-Present
Co-Director & Medical Director CDU-Kedren Mobile Street Medicine South Los Angeles, CA	2021-Present

Previous Positions:

Field Sales Manager, Sales Associate The Southwestern Company Orlando, FL	2001-2002
Residential Advisor Emory University Atlanta, GA	2002-2005
University Conferences Emory University Atlanta, GA	2002-2005
Academic Peer Advisor Emory University Atlanta, GA	2002-2005
Global Forum on Road Safety The Taskforce for Child Survival & Development Atlanta, GA	2005-2008
Global Injury Epidemiologist & Program Associate The Taskforce for Child Survival & Development Atlanta, GA	2005-2008
Global Burden of Diseases & Injuries (Gates Foundation) Harvard Institute for Global Health Boston, MA	2008-2011

Global Burden of Diseases Injury Expert Group (The World Bank Group) Harvard Institute for Global Health Boston, MA	2008-2011
World Health Organization ICD-11 Chapter 19 & 20 Expert Group Harvard Institute for Global Health Boston, MA	2008-2011
Chief Resident Family Medicine Residency Program, University of Southern California	2014-2017
Faculty & Attending Physician (Full Spectrum Family Medicine including uncomplicated Obstetrics) Eisner Family Medicine Center, Dignity Health California Hospital University of Southern California, Los Angeles, CA	2014-2019
Adjunct Clinical Professor, Family & Community Medicine University of Southern California, Keck School of Medicine Los Angeles, CA	2017-2019

PROFESSIONAL ACTIVITIES

Committee Service:

1. President Pro-Tempore & Speaker Emory University Student Government Association	2002-2007
2. Student Government Association Emory University, Rollins School of Public Health	2004-2010
3. Member International Physicians for the Prevention of Nuclear War IPPNW	2004-2012
4. Dean's Council Emory University Alumni Association	2007-2009
5. Chair Gender & Sexuality Action Committee	2007-2010
6. President University of Texas Health Science Center at San Antonio	2008-2014
7. Member	2010-2014

Center for Medical Humanities & Ethics Advisory
Committee

- | | |
|--|-----------|
| 8. Member
University Libraries Committee | 2010-2014 |
| 9. Past Trustee
American College of Medical Quality ACMQ | 2010-2014 |
| 10. Delegate, International Federation of Medical
Students Association
60 th General Assembly August Meeting
Copenhagen, Denmark | 2011 |
| 11. Chair, International Federation of Medical Students
Associations
62 nd General Assembly March Meeting Organizing
Committee | 2011-2013 |
| 12. Delegate, International Federation of Medical
Students Associations
61 st General Assembly August Meeting
Mumbai, India | 2012 |
| 13. Host & Organizer
Empowering Physicians Conference | 2012 |
| 14. Member
Global Health Information Privacy & Protection
Steering Committee | 2012 |
| 15. Member, Board of Directors
American Board of Medical Quality ABMQ | 2012-2015 |
| 16. Secretary-Treasurer
Oakdell Townhomes Homeowners Association | 2013-2014 |
| 17. Chair
Quality Improvement & Patient Safety Housestaff
Committee | 2014-2017 |
| 18. Graduate Medical Education Committee GMEC
Dignity Health California Hospital Medical Center | 2014-2018 |
| 19. Chair, Young Physicians Committee
Los Angeles County Museum of Art | 2017-2017 |
| 20. Venture Partner
Divine Dips Vegan Ice Cream Shop, Los Angeles, CA | 2017-2019 |
| 21. Member | 2017-2020 |

Steering Committee, This Is Our Shot / Vacunate Ya
Vaccination Campaign

23. Volunteer Beit T'Shuvah Recovery Center & Temple	2018
24. Volunteer Beit T'Shuvah Recovery Center & Temple	2018
25. Campaign Member AMA Trustee	2018-2019
26. Campaign Member AMA Councilor	2018-2020
27. Member AMA Reference Committee F: Finance & Governance	2018-2020
28. Campaign Member AMA Speaker	2018-2020
29. Member Graduate Medical Education Committee GMEC Kedren Health	2019
30. Member Vaccine Equity Committee, Los Angeles County Department of Public Health	2019
31. Chair LACMA Delegation	2019-2020
32. Campaign Manager CMA Speaker	2019-2020
33. Vice Chair CMA Council on Membership, Bylaws & Governance CMBG	2019-2020
34. Member Medical Staff Medical Executive Committee MEC Kedren Health	2020-2021
35. Volunteer CMA Care for Caregivers	2020-2021
36. Volunteer International Medical Corps IMC	2020-2021
37. Member CMA Finance Committee	2020-2023

38. Organizing Fellow HMS/CHA Center for Health Equity, Education, & Advocacy: Climate Health Fellowship Program	2021
39. Member National Medical Fellowships	2010-Present
40. Member LACMA Executive Committee	2012-Present
41. Member Los Angeles County Department of Health Services Disaster Emergency Preparedness Surge Unit	2014-Present
42. Member LACMA Bylaws Committee	2015-Present
43. Member LACMA Finance Committee	2016-Present
44. Board Member LA Physician Aid Association LAPAA	2016-Present
45. Member Community Clinic Association of Los Angeles County CCALAC	2017-Present
46. Treasurer Little Tokyo Lofts Homeowners Association HOA	2018-Present
47. Host Committee American Society of Hiroshima-Nagasaki A-Bomb Survivors, Hiroshima International Council for Health Care of the Radiation-exposed HICARE	2018-Present
48. Member American Institute of Parliamentarians AIP	2018-Present
49. Member Climate Health Now CHN	2018-Present
50. Member Transitions Care Network TCN	2019-Present
51. Member CMA Ethnic Medical Organizations Section EMOS Bylaws Committee	2019-Present
52. Chair Graduate Medical Education Committee GMEC Kedren Health	2019-Present

53. Member CMA Committee on Nominations	2019-Present
54. Leader California Medical Association Climate Health Champions CCC	2019-Present
55. Board Member Pull for Progress Burkina Faso	2020-Present
56. Chair Bylaws Task Force Medical Executive Committee MEC Kedren Health	2020-Present
57. Medical Staff Los Angeles Surge Hospital	2020-Present
58. Member Black Health Trust BHT	2020-Present
59. Member Minority Health Institute MHI	2020-Present
60. Chair COVID-19 Task Force Kedren Health	2020-Present
61. Councilor AMA Council on Constitution & Bylaws CCB	2021-Present
62. Member California ETE Ending the Epidemics (HIV, STIs, Viral Hepatitis) Committee	2021-Present
63. Member LACDPH Ending the HIV Epidemic EHE Steering Committee	2021-Present
64. Treasurer LACPAC	2021-Present
65. Treasurer LAAFP	2021-Present
66. Chair Quality Assurance and Process Improvement Committee QAPI Kedren Health	2021-Present
67. Campaign Manager	2021-Present

CMA President	
68. Board Member Charles R. Drew Medical Society CRDMS	2022-Present
69. Member CDU Strategic Planning Retreat Committee	2022-Present
70. Member CMA Climate Health CME Planning Committee	2022-Present
71. Member Immunization Coalition of Los Angeles County ICLAC	2022-Present
72. Member CDU Pre-Clerkship Clinical Skills 1& 2 Curriculum Development & Planning Committee	2022-Present
73. President-Elect Los Angeles County Medical Association	2022-Present
74. Advisor, HIV Molecular Cluster Detection Community Advisory Board CAB California Department of Public Health CDPH	2022-Present
75. Member PacWest Reference Committee F: Governance & Finance	2022-Present
76. Member PacWest Reference Committee CC&B: Constitution and Bylaws - Advocacy on Ethics and Bylaws Matters	2022-Present
77. Medical Team Member Team for Health Consultation and Health Examination Services for Hiroshima and Nagasaki A-Bomb Survivors of North and South America	2022-Present
78. Committee Member Climate Health Now CHN Southern California Committee	2022-Present
79. Member Los Angeles Unified School District LAUSD - Local Education Agency LEA Collaborative Committee on Medi-Cal	2022-Present
80. Member CDU COVID-19 Academic Works in Progress Committee	2022-Present

81. Member 2022-Present
Project Targeting Environmental Neuro-Development
Risks TENDR Health Disparities Committee

82. Chair 2022-Present
LACMA Bylaws Committee

Professional Associations and Scholarly Societies:

1. Committee of Interns/Residents SEIU/CIR 2014-2017

2. American Association of Public Health Physicians 2004-Present
AAPHP

3. American Public Health Association APHA 2004-Present

4. American Medical Association AMA 2009-Present
Member ID #04813141421

5. American Academy of Family Physicians AAFP 2009-Present
Member ID #9068557

6. Association of American Medical Colleges 2009-Present
AAMC Member ID #11522185

7. American College of Medical Quality ACMQ 2009-Present

8. American Statistical Association 2010-Present

9. American Institute of Parliamentarians AIP 2010-Present

10. National Medical Association NMA 2010-Present

11. National Hispanic Medical Association NHMA 2010-Present

12. California Medical Association CMA 2013-Present

13. California Academy of Family Physicians CAFP 2013-Present

14. United States Pharmacopeia USP 2019-Present

Editorial & Peer-Review Services:

1. *The New Physician* 2002-2010
American Medical Student Association AMSA

2. *Journal of Injury Prevention* 2007-2010

3. *Pan American Journal of Public Health* 2007-2011
Pan American Health Association PAHO

- | | |
|---|------------|
| 4. <i>International Journal of Injury Control and Safety Promotion</i> | 2007- 2011 |
| 5. <i>Medical Student International</i>
International Federation of Medical Students
Associations IFMSA | 2010-2017 |
| 6. <i>American Journal of Medical Quality</i>
American College of Medical Quality ACMQ | 2010-2018 |
| 7. <i>Journal of Medical Systems</i> | 2021-2022 |

Consulting Activities:

- | | |
|--|--------------|
| 1. Medical Exemptions Appeals Committee
Granada Hills Charter School | 2022-Present |
| 2. Consultant
Community Fulfillment Foundation - CFF | 2022-Present |
| 3. Vaccine Consultant
Los Angeles Clippers | 2022-Present |
| 4. Work Group Consultant
National Academy of Medicine NAM Clinician Well
Being CWB Collaborative | 2023-Present |

TEACHING

Medical Students:

- | | |
|--|--------------|
| 1. MS1 - MS4 Longitudinal Primary Care Rotation
Adjunct Clinical Professor, Family & Community
Medicine
University of Southern California, Keck School of
Medicine | 2017-2020 |
| 2. MS3 Family Medicine Clerkship Preceptor
(UCLA-CDU Prime)
UCLA David Geffen SOM, Family Medicine
Department | 2019-Present |
| 3. MS1-MS4 Longitudinal Family Medicine Rotation
Assistant Professor, Family Medicine and Psychiatry
(Joint Apt)
Charles R. Drew University CDU School of Medicine
and Science | 2019-Present |

Premedical & Medical Student Mentoring:

- | | |
|---|--------------|
| 1. USC Family Medical Residency Program at California Hospital
University of Southern California | 2014-2019 |
| 2. PA Pipeline Program
University of Southern California, Keck School of Medicine | 2014-2019 |
| 3. National Youth Leadership Forum NYLF | 2003-Present |
| 4. National Medical Fellowships NMF Mentor | 2010-Present |
| 5. Mi Mentor | 2014-Present |
| 6. NMF Primary Care Leadership Program | 2016-Present |
| 7. AAFP Foundation Emerging Leaders Institute ELI | 2017-Present |
| 8. AMA Foundation Leadership Development Institute LDI Steering Committee | 2018-Present |
| 9. LMSA Medical Student Mentor and Advising Program, Chapter Advisor | 2019-Present |
| 10. NMA Cobb Institute Scholars Program Mentor | 2022-Present |

Resident & Fellow Teaching:

- | | |
|---|--------------|
| 1. PGY-1-3, Family Medicine Residency Program - Core Faculty
Adjunct Clinical Professor, Family & Community Medicine
University of Southern California, Keck School of Medicine | 2017-2020 |
| 2. PGY-1, Psychiatry Residency Primary Care Rotation (2 Months)
Assistant Professor, Family Medicine and Psychiatry (Joint Apt)
Charles R. Drew University School of Medicine | 2019-Present |
| 3. PGY-1-3, Family Medicine Residency - Street Medicine Rotation
Assistant Professor, Family Medicine and Psychiatry (Joint Apt)
Charles R. Drew University School of Medicine | 2019-Present |
| 4. COVID-19 Vaccine Fellow
Fellowship Director | 2020-Present |

Kedren Health & CDU School of Medicine

Resident & Fellow Mentoring:

1. PGY-1-3, Family Medicine Resident Advising - Core Faculty 2017-2020
Adjunct Clinical Professor, Family & Community Medicine
University of Southern California, Keck School of Medicine
2. AAFP Family Medicine Resident and Fellow Mentoring 2017-Present
3. AMA Resident & Fellow Section RFS Mentoring 2017-Present
4. PGY-1-4, Psychiatry Resident Advising 2019-Present
Assistant Professor, Family Medicine and Psychiatry (Joint Apt)
Charles R. Drew University School of Medicine
5. PGY-1-3, Family Medicine Resident Advising 2019-Present
Assistant Professor, Family Medicine and Psychiatry (Joint Apt)
Charles R. Drew University School of Medicine
6. CDU-AltaMed Health Careers Opportunity Program 2022-Present
HCOP Ambassador Academy
Charles R. Drew University School of Medicine

RESEARCH, GRANTS, AND FELLOWSHIPS RECEIVED

1. University of Texas School of Medicine, Office of Academic Enhancement Grant 2011-2014
Developing Student-Driven curriculum in Health Policy & Economics, and Healthcare Delivery Science
Health Care Payment Reform in Bexar County, Texas
Understanding Medical Student Specialty Choice
Factors Affecting Medical Student Perceptions of Family Medicine
2. Community Service Learning Project Grant 2011-2014
Developing a SAFE SPACE program for Medical Schools
PRIDE, an LGBTQA Student-Run Free Clinic
3. GE-NMF Primary Care Leadership Scholarship 2013

Achieving PCMH Status: Challenges Facing
FQHCs on the Gulf Coast

4. Weingart Foundation (\$100,000)	February 24, 2021
5. Annenberg Foundation (\$150,000)	March 31, 2021
6. California Community Foundation (\$175,000)	March 31, 2021
7. Hilton Foundation (\$100,000)	April 30, 2021
8. The Foundation Source (\$100,000)	June 1, 2021
9. LA County Center for Strategic Partnerships (\$100,000)	June 30, 2021
10. Community Clinic Association of Los Angeles County (\$55,000)	June 30, 2021
11. Public Health Institute (\$500,000)	September 1, 2021
12. Ahmanson Foundation (\$100,000)	October 1, 2021
13. Harbor Community Benefit Foundation (\$250,000)	February 1, 2022
14. Health Net (\$100,000)	February 1, 2022
15. Bloomberg Philanthropies (\$500,000)	March 31, 2022
16. Physicians for a Healthy California PHC (\$575,000)	September 20, 2022

RESEARCH COMMITTEES

1. ICD-11 Development Committee	2005-2012
2. WHO Injury Expert Research Group	2005-2012
3. CDC International Collaborative Effort ICE on Injury Statistics	2005-2012
4. Global Burden of Diseases and Injuries GBD Expert Group	2005-2012
5. Project TENDR Research Committee - NHMA Representative	2019-2021
6. CDU COVID-19 Working Research Group	2019-Present

HEALTH POLICY, LEGISLATIVE ADVOCACY, AND POLITICAL ACTIVITIES

1. U.S. Senate Committee on Health, Education, Labor, and Pensions HELP Hearing; “*The Examining Our COVID-19 Response: An Update from the Frontlines*” March 9, 2021
2. Meeting with U.S. Senator Dianne Feinstein (D-CA) March 9, 2021
2. Meeting with California Assemblymember Santiago March 19, 2021
3. Facebook Communities Summit 2021 Hearing
Witness, California State Assembly November 4, 2021
4. Select Committee on Infectious Diseases Hearing on Health Disparities & Achieving Health Equity (Chair Asm. Mike Gipson) November 30, 2021
5. Meeting with California Assemblymember Santiago March 15, 2022
6. Hearing Witness, Testimony before California State Assembly Committee on Business & Professions
Hearing on AB2098 Physicians & Surgeons Professional Conduct April 19, 2022
7. ETE Team #3 - End the Epidemics Legislative Meeting - Asm. Carrillo April 28, 2022
8. ETE Team #3 - End the Epidemics Legislative Meeting - Asm. Jones-Sawyer April 28, 2022
9. Climate Health Equity LA Series: Justice40 & Climate Equity Metrics for LA May 12, 2022
10. End the Epidemics/ ASM Philip Chen May 4, 2022
11. Meeting with LADPH, CDPH and CDC Director Walensky May 5, 2022
12. Lt. Gov. Eleni Kounalakis Fundraiser May 14, 2022
13. Fundraiser LAC Democratic Party 2022 JFK Awards May 14, 2022
14. Dr. Washington At-Home Fundraiser for Senator Sydney Kamlager May 15, 2022

15. LACBA/LACMA Medicare Fraud Enforcement	May 19, 2022
16. Launch of the University of California Center for Climate, Health and Equity Climate Change, Health, and the Fossil Fuel Industry	May 25, 2022
17. AMA Resolution Declaring Climate Change a Public Health Emergency	June 13, 2022
18. CHN Special Webinar: Applying the US Call to Action on Climate Health and Equity to Current Advocacy Opportunities in California	June 20, 2022
19. White House / Health & Human Services Office of Climate Change & Health Equity Pledge	June 30, 2022
20. Inaugural Ceremony of the IX Summit of the Americas	June 8, 2022
201. California Democratic Party COVID-19 Presentation	July 9, 2022
22. Rob Bonta for California Attorney General 2022 Event	July 12, 2022
23. L.A. REPAIR Community Engagement Partnership and Participatory Budgeting	July 13, 2022
24. Monkeypox LGBTQ Community Stakeholder Meeting	August 2, 2022
25. National Academy of Medicine NAM Grand Challenge Action Collaborative on Climate Health - Decarbonizing the Health Sector Talking about the Healthcare Divestment Campaign	September 20, 2022
26. Yes on Prop 30 Campaign Committee	October 25, 2022
27. Los Angeles, California Ballot Initiative Campaign Election Prop Party	October 30, 2022
28. American Society of Hiroshima and Nagasaki A-Bomb Survivors - Office of the General Consul of Japan	November 7, 2022
29. City of Los Angeles Inauguration of Mayor-Elect Karen Bass - Honored Guest	December 11, 2022
30. City of Carson Mayor and City Council Installation and Swearing in	December 13, 2022
31. LA City Council Councilor Curren Price Jr. Celebration	December 14, 2022

32. Ending the HIV Epidemic EHE in LA County Town Hall	January 25, 2023
33. Meeting with U.S. Congressman Tony Cárdenas (Mariah Philips)	February 13, 2023
34. Meeting with U.S. Congresswoman Linda Sanchez	February 14, 2023
35. Meeting with U.S. Congresswoman Sydney Kamlager-Dove (Gabrielle Howard)	February 14, 2023
36. Meeting with U.S. Senator Alex Padilla (D-CA)	February 14, 2023
37. Meeting with U.S. Congressman Ted Liu	February 15, 2023
38. Meeting with U.S. Congressman Ami Bera MD	February 15, 2023
39. Meeting with U.S. Congressman Raul Ruiz MD	February 15, 2023

HONORS AND SPECIAL AWARDS

1. Arnold P. Gold Humanism in Medicine Honor Society	2010
2. University of Texas School of Medicine Dean's Scholarship Award for Advocacy & Advancing Diversity in Medicine	2010-2014
3. General Electric-National Medical Fellowships Primary Care Leadership Program GE-NMF PCLP Scholar	2011
4. American Board of Family Medicine ABFM Pisacano Leadership Scholarship Finalist	2013
5. Bates Family Medicine Scholarship Award	2014
6. David Major Scholarship Award in Family Medicine	2014
7. Primomo Award for Excellence in Academic Family Medicine	2014
8. Primomo Award for Excellence in Community Service	2014

9. Primomo Award for Excellence in Geriatrics	2014
10. Primomo Award for Excellence in Family Medicine Research	2014
11. Paul Cutler Award for Clinical Excellence	2014
12. Texas Indo-American Physician Society Scholarship Award	2014
13. Forland Award for Humanism in Medicine	2014
14. Dean's Travel Scholarship Award	2014
15. Bowen-Vogt Scholarship Award for Medical Students	2014
16. American Academy of Family Physicians AAFP Award for Excellence in Graduate Medical Education GME	2016
17. CAFP Family Physician 2021 Hero of Family Medicine Award	2021
18. CMA Compassionate Physician Service Award	2021
19. Gay Men's Chorus of Los Angeles GMCLA Voice Award	2021
20. Patient Care Foundation PCF Physician Leadership Award	2021
21. Los Angeles Business Journal LABJ Physician of the Year Award	2021
22. Dangerman Hero Award for Outstanding Family & Community Medicine	2022
23. VAX-UP Challenge Winner (\$100,000)	2022
24. California Department of Public Health CDPH Community Service Award	2022
25. Los Angeles County Democratic Party LACDP Profile In Courage Award	2022
26. Young Women's Christian Association YWCA Women's Unsung Hero Award	2022
27. AMA Excellence In Medicine Award	2022

28. Association of Black Women Physicians ABWP Humanitarian Award	2022
29. South Central Prevention Coalition SCPC Humanitarian Award	2022
30. Los Angeles County Department of Public Health LACDPH Community Partners Value Award	2022
31. Community Build - Community Health Champion Award	2022
32. 102.3 FM KJLH Proven Achiever Award	2023

CME CONFERENCES ATTENDED

1. Clinician Well-Being and Resilience: What We Know and How We Move Forward	September 15, 2020
2. The Impact of Skin Color and Ethnicity on Clinical Diagnosis and Research	December 2, 2020
3. NHMA Campaign to Improve Influenza Vaccination Rates for Adult	November 5, 2020
4. Interpreting Electrocardiograms	December 9, 2020
5. COVID-19 Knowledge Dissemination and Exchange for CHW	October 13, 2021
6. AAFP Improving Vaccine Confidence Live Session	October 27, 2021
7. Cancer Screening in Primary Care: Addressing Disparities and the Potential of Improving Outcomes Through the Use of Liquid Biopsy	November 20, 2021
8. AAFP and Johnson & Johnson Enabling Session on Vaccine Equity	November 30, 2021
9. Cognitive Behavioral Therapy CBT for Chronic Pain	January 27, 2022
10. The nation's drug overdose epidemic: Helping children and families, patients with pain	April 2, 2022
11. CMA Virtual Grand Rounds: COVID-19 Update	April 2, 2022
12. CBHN Historical Racism and Impact on Health Disparities	April 7, 2022

13. Faith & Public Health	April 7, 2022
14. Does Public Health Need a Reboot?	April 8, 2022
15. USC KSOM PPHS Grand Rounds - Guest Speaker: Barbara Ferrer, Director LA County Dept of Public Health	April 13, 2022
16. Emerging Challenges and Clinical Updates in Primary Care 2022 Live Virtual Conference: Episode 2	April 30, 2022
17. Children's Health Conference In Collaboration with First 5 LA & DPH	May 19, 2022
18. CDC's PrEP Clinical Practice Guideline and Strategies for Ending the HIV Epidemic in the U.S.	May 19, 2022
19. California Endowment: Voting Rights Act: Health Equity & Justice Monday	May 23, 2022
20. The Healthy CA for All Commission Report: What does it say, what does it mean, and what do we do about it?	May 24, 2022
21. Health Justice Now: A Conversation with AAPI Advocates	May 24, 2022
22. PCSS Webinar: OUD in Hispanic/Latino Communities	May 24, 2022
23. Multifaceted Approaches to Combating Antimicrobial Resistance	May 24, 2022
24. Implementation Tools and Resources for Enhancing Equity-Focused PrEP Services Series	June 16, 2022
25. ICLAC 2022 Vaccine Forum	June 21, 2022
26. Coping with Hope: Learning from the Past and Innovating for the Future to End the HIV Epidemic	June 23, 2022
27. CDU In-Person Community Medical Presentation	June 30, 2022
28. CDU GME Community & Behavioral Health Rotation CBHR: Mock Project Presentations to Community	July 13, 2022
29. PCLP LA Project Showcase	July 29, 2022
30. Guest Speaker UCLA/CDU Pre-matriculation	August 2, 2022

31. LBTQ Initiative - SPCB RFA Pre-Application Conference	August 31, 2022
32. NorCal Symposium on Climate, Health and Equity 2022	September 22, 2022
33. Emerging Challenges and Clinical Updates in Primary Care 2022 Live Virtual Conference: Episode 12	September 29, 2022
34. L.A. Care Behavioral Health Innovation Conference	October 1, 2022
35. National Academy of Medicine NAM Action Collaborative on Clinician Wellbeing Public Launch Event 2022	October 3, 2022
36. National Academy of Medicine NAM Action Collaborative on Clinician Wellbeing: Leveraging the Role of Payers and Regulators in the Health Worker Wellbeing Movement	October 3, 2022
37. International Conference on Physician Health ICPH 2022	October 13-15, 2022
38. AMA State Advocacy Summit SAS 2023	January 7, 2023
39. American Institute of Parliamentarians AIP West Coast Practicum	January 12, 2023
40. National Association for Continuing Education NACE Conversations in Primary Care Conference 2023	February 4, 2023
41. AMA National Advocacy Conference NAC (Washington, DC)	February 12-15, 2023
42. AMA-SHLI MJAF Organizing for Health 2023 - Training Series	February 16, 2023
43. AMA Racial Equity Institute: Groundwater Training	February 21, 2023

PUBLICATION AND BIBLIOGRAPHY

Research Papers (Peer-Reviewed):

1. Bhalla K, Harrison J, **Abraham JP**, Borse NN, Lyons R, Boufous S, Aharonson-Daniel L. Data sources for improving estimates of the global burden of injuries: call for contributors. *PLoS Medicine*. 2009 Jan; 20(6): 1. Cited in PubMed; PMID: 19166263. Publication Status: Published.
2. Bhalla K, Shahrzaz S, Bartels D, **Abraham JP**. Methods for developing country level estimates of the incidence of deaths and non-fatal injuries from road traffic crashes. *International Journal of Injury Control & Safety Promotion*. 2009 Dec; 16(4): 239-48. Cited in PubMed; PMID: 20183703. Publication Status: Published.
3. Naghavi M, Shahrzaz S, Bhalla K, Jafari N, Pourmalek F, Bartels D, **Abraham JP**, Motlagh ME. Adverse health outcomes of road traffic injuries in Iran after rapid motorization. *Archives of Iranian Medicine*. 2009 May; 12(3): 284-94. Cited in PubMed; PMID: 19400607. Publication Status: Published.
4. World Health Organization. (2009, November 19). Global Status Report on Road Safety: Time for Action. http://whqlibdoc.who.int/publications/2009/9789241563840_eng.pdf, Publication Status: Published.
5. Bartels D, Bhalla K, Shahrzaz S, **Abraham JP**, Lozano R, Murray CJ. Incidence of road injuries in Mexico: A Country Report. *International Journal of Injury Control & Safety Promotion*. 2010 Sep; 17(3): 169-76. Cited in PubMed; PMID: 20182934. Publication Status: Published.
6. Vos T, Flaxman AD, Naghavi M, Lozano R, Michaud C, Ezzati M, Shibuya K, Salomon JA, Abdalla S, Aboyans V, **Abraham JP**. Years lived with disability (YLDs) for 1160 sequelae of 289 diseases and injuries 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. *The Lancet*. 2012 Dec; 380(9859): 2163-96. Cited in PubMed; PMID: 23245607. Publication Status: Published.
7. Murray CJ, Vos T, Lozano R, Naghavi M, Flaxman AD, Michaud C, Ezzati M, Shibuya K, Salomon JA, Abdalla S, Aboyans V, **Abraham JP**, et al. Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990-2010: a systematic analysis for the Global Burden of Disease Study 2010. *The Lancet*. 2012 Dec; 380(9859): 2197-223. Cited in PubMed; PMID: 23245608. Publication Status: Published.
8. Ubeda C, Espitia-Hardeman V, Bhalla K, Borse NN, **Abraham JP**, Dellinger A, Ferrante D, Peltzer R. National burden of road traffic injuries in Argentina. *International Journal of Injury Control & Safety Promotion*. 2011 Jun; 19(1): 9-18. Cited in PubMed; PMID: 21660797. Publication Status: Published.
9. Lozano R, Naghavi M, Foreman K, Lim S, Shibuya K, Aboyans V, **Abraham JP**, et al.. Global and regional mortality from 235 causes of death for 20 age groups in 1990 and 2010: a systematic analysis for the Global Burden of Disease Study 2010. *The Lancet*. 2012 Dec; 380(9859): 2095-128. Cited in PubMed; PMID: 23245604. Publication Status: Published.
10. Murray, CJL; Aboyans V; **Abraham JP**; et al.. The Global Burden of Disease Study 2010 Country Results: A Global Public Good. *The Lancet*. 2013 Mar; 381(9871): 965-970. Publication Status: Published.

11. Murray, CJL; **Abraham JP**; et al.. The State of US Health, 1990-2010: Burden of Diseases, Injuries and Risk Factors. JAMA. 2013 Aug; 310(6): 591-608. Cited in PubMed; PMID: 23842577. Publication Status: Published.

Research Papers & White Papers (Non-Peer Reviewed):

1. **Abraham JP**. "Ethnobotanical Uses of Medicinal Plants by Shamans in the Amazon Rainforest." Senior Thesis, Emory University. Publication Status: Published. May 1, 2005.
2. **Abraham JP**. "Multivariate Analysis of Restraint Use & Injury Severity in Older Child Passengers." Master's Thesis, Emory University. Publication Status: Published. August 1, 2007.
3. **Abraham JP**, Yeh PH, Leykum L, Ratner A. Health Care Payment Reform in Bexar County. manuscript prepared and submitted to various journals for review. Publication Status: Pending. August 16, 2011.
4. **Abraham JP**. LGBT Medical Education Curriculum Development Resource Guide. submitted to the Curriculum Committee, The University of Texas School of Medicine (San Antonio). Publication Status: Published. October 27, 2011.
5. **Abraham JP**. Medical School Grade Reform: A Literature Review. Submitted to the Curriculum Committee, University of Texas School of Medicine (San Antonio). Publication Status: Published. December 9, 2011.
6. **Abraham JP**, et al.. The Annual Student Report: Findings & Recommendations of the Student Concerns Survey.
<https://docs.google.com/document/d/1MvBM3VbD1NynX0gWn3MHDhDhYCCfXKRLoxnorutRCjE/>. February 15, 2012.
7. Yu, A; **Abraham JP** ; Porter, A; Moore, N; Askin, E; Leykum, L. "Student-driven curricula on health care delivery, policy & economics." AAMC Academic Medicine (manuscript submitted). Publication Status: Published. February 1, 2013.
8. **Abraham JP**, Mitchell J, McAuthor R, Uzoije P, Trimm RF. Achieving NCQA-PCMH Recognition: Challenges for Federally Qualified Health Centers (FQHCs). General Electric-National Medical Fellowship Annual Report. 2013 Sep; Publication Status: Submitted.

Other Articles, Editorials, Letters to the Editor:

1. **Abraham, JP**. (2005, May 1). Ethnobotanical Uses of Medicinal Plants by Shamans in the Amazon Rainforest. Senior Thesis, Emory University. Publication Status: Published.
2. **Abraham, JP**. (2007, August 1). Multivariate Analysis of Restraint Use & Injury Severity in Older Child Passengers. Master's Thesis, Emory University. Publication Status: Published.
3. **Abraham JP**, Yeh PH, Leykum L, Ratner A. (2011, August 16). Health Care Payment Reform in Bexar County. manuscript prepared and submitted to various journals for review. Publication Status: Pending.
4. **Abraham, JP**. (2011, October 27). LGBT Medical Education Curriculum Development Resource Guide. submitted to the Curriculum Committee, The University of Texas School of Medicine (San Antonio). Publication Status: Published.

5. **Abraham, JP.** (2011, December 9). Medical School Grade Reform: A Literature Review. Submitted to the Curriculum Committee, University of Texas School of Medicine (San Antonio). Publication Status: Published.
6. Yu, A; **Abraham, JP**; Porter, A; Moore, N; Askin, E; Leykum, L. (2013, February 1). Student-driven curricula on health care delivery, policy & economics. AAMC Academic Medicine (manuscript submitted). Publication Status: Published.

Research Poster Presentations:

1. **Abraham JP**, Bartolomeos K, de Silva C, Zacharias F, Zacharias E, Bhalla K. (2010). Estimating the Burden of Injuries in Mozambique. Poster presented at: World Injury Conference; London, United Kingdom.
2. Bhalla K, **Abraham JP**, Abdalla S. (2010). Analytical Methods for Common Types of Data Sources in sub-Saharan Africa. Poster presented at: World Injury Conference; London, United Kingdom.
3. Eze U, Abdalla S, Abdella K, Koranteng A, Mtonga R, Bartolomeos K, **Abraham JP**, Bhalla K. (2010). Injuries in Nigeria, Sudan, Ethiopia, Ghana, Uganda, Zambia and Mozambique. Poster presented at: World Injury Conference; London, United Kingdom.
4. **Abraham JP**, Minard J, Alonzo C, Clifton N, Reece-Nguyen T, Esterl R, Jackson J, Shibazaki K, Klugman C. (2012). Creating a SAFE SPACE for LGBTQ+ Medical Students & Residents in Texas - A Community Service Learning Project. Poster Presentation presented at: AMSA Empowering Future Physicians Conference; San Antonio, TX.
5. **Abraham JP**, Guzman J, Hobza C, Kapudia A, McLeod C, Berggren R, Stone, M. (2014). Access Care Texas: Getting our ACT Together for Health. Poster presented at: Community Service Learning CSL Conference 2014. University of Texas School of Medicine. San Antonio, TX.
6. **Abraham JP**, Hobza C, Hotchkin S, Jackson J, Berggren R, Stone, M. (2014). ACT Together for Health: Developing an Effective Public Health Communications & Messaging Strategy. Poster presented at: Community Service Learning CSL Conference 2014. University of Texas School of Medicine. San Antonio, TX.
7. **Abraham JP**, Guzman J, Hobza C, Breier L, Castle C, Ferris J, Field C, Flores V, Jensen S, Kapudia A, McLeod C, Koch K, Lomeli S, Lucio S, Mandujano S, Mark A, Oloba P, Richardson A, Riniker K, Sarmiento J, Shaw L, Villanueva G, Wasson E, Zubour R, Berggren R, Stone, M. (2014). ACT Together for Health: Grassroots Organizing Ethical Principles. Poster presented at: Community Service Learning CSL Conference 2014. University of Texas School of Medicine. San Antonio, TX.
8. **Abraham JP.** (2014). Creating a Quality Improvement & Patient Safety Committee for Interns and Residents. Poster presented at: CIR/SEIU Quality Improvement + Patient Safety 2nd Annual Summit. Los Angeles, CA.
9. **Abraham JP.** (2015). Medical Quality Opportunities for Medical Students and Residents. Poster presented at: ACMQ West Coast Quality Improvement Symposium. University of Southern California. Los Angeles, CA.

10. **Abraham JP**, Aribindi V, Brodie B, Hall J, Huang D, Jerdonek A, Lee P, Nicewarner H, Robinson R, Wegman M, Wen T. (2015). Review of Medical Quality Opportunities for Physicians-in-Training. Poster presented at: Medical Quality 2015, Washington, DC.

Research Oral Presentations:

1. Rosenberg M, Hayes E, Kluglein S, **Abraham JP**. (2007). Closing the Gap in Road Safety. Oral Presentation presented at: 2nd UNStakeholders Forum on Global Road Safety, UN Palais des Nations.; Geneva, Switzerland.
2. **Abraham JP**. (2008). Multivariate Analysis of Restraint Use & Injury Severity in Older Child Passengers. Oral Presentation presented at: American Public Health Association; San Diego, CA.
3. Bhalla K, Koranteng A, Abdalla S, Abdella K, Eze U, Mtonga R, **Abraham JP**. (2010). Architecture of Data Sources for Measuring Injuries in Africa. Oral Presentation presented at: World Injury Conference; London, United Kingdom.
4. **Abraham JP**. (2011). Policy Writing 101 for International Medical Students. Oral Presentation presented at: International Federation of Medical Student Associations IFMSA August Meeting of the General Assembly. Copenhagen, Denmark.
5. **Abraham JP**, Porter A, Bready L. (2011). Graduate Medical Education Funding Crisis. Oral Presentation presented at: AAMC & AMSA:GME Funding Crisis Town Hall; San Antonio, TX.
6. **Abraham JP**. (2012). Developing an IFMSA Policy Statement on the Decade of Action for Global Road Safety. Oral Presentation presented at: International Federation of Medical Student Associations IFMSA August Meeting of the General Assembly. Delhi, India.
7. **Abraham JP**, Real E, Gardner D, Rhodes D, Fowler A, Young V, Kelly P, Riniker K, Berggren R, Flores I. (2012). Meeting the Social Mission: Health Science Education Through Community Collaborations. Oral Presentation presented at: Community Service Learning Conference; San Antonio, TX.
8. **Abraham JP**, Minard J, Alonzo C, Clifton N, Reece-Nguyen T, Esterl R, Jackson J, Shibazaki K, Klugman C. (2012). SAFE SPACE, A Community Service Learning Project. Oral Presentation presented at: AMSA Empowering Future Physicians Conference; San Antonio, TX.
9. **Abraham JP**. (2012). Medical Education Curriculum Reform. Oral Presentation presented at AMSA Empowering Future Physicians Conference. San Antonio, TX.
10. **Abraham JP**. (2012). The Future of Primary Care. Oral Presentation presented at AMSA Empowering Future Physicians Conference. San Antonio, TX.
11. **Abraham JP**. (2012). Professional Development for Pre-Medical Students. Oral Presentation presented at AMSA Empowering Future Physicians Conference. San Antonio, TX.
12. **Abraham JP**. (2013). Achieving NCQA PCMH Status: Challenges for FQHCs on the Gulf Coast. Oral Presentation presented at: GE-NMF Primary Care Leadership Program Research Symposium; Mobile, AL.
13. **Abraham JP**. (2014). OUT for Health: Creating a LGBTQ+ Network for Texas Medical Schools. Oral Presentation presented at: AMSA Empowering Future Physicians Fall Conference. San Antonio, TX.

14. **Abraham JP**, Holly J. Recognition & Accreditation Are Good, But PCMH Culture is King. (2015). Oral Presentation presented at: 7th National Patient-Centered Medical Home Summit; Philadelphia, PA.

Peer Reviewed Online Publication:

1. World Health Organization. (2009, November 19). Global Status Report on Road Safety: Time for Action. http://whqlibdoc.who.int/publications/2009/9789241563840_eng.pdf, Publication Status: Published.

Non-Peer Reviewed Online Publication:

1. **Abraham JP**, et al.. (2012, February 15). The Annual Student Report: Findings & Recommendations of the Student Concerns Survey. <https://docs.google.com/document/d/1MvBM3VbD1NynX0gWn3MHDhDhYCCfXKRLoxnoru>

Peer Reviewed Book Chapters:

1. Bhalla K, Shahraz S, **Abraham JP**, Bartels D, Yeh PH. (2011). Methods, Data Sources and Estimates of the National Incidence of Road Injuries. In Bhalla K (Ed.), Road Injuries in 18 Countries (pp. 1-100). Washington, DC: The World Bank.
2. Bhalla, K; Harrison, J; Shahraz, S; **Abraham, JP**; Bartels, D; Yeh PH; Naghavi, M; Lozano, R; Vos, T; Phillips, D; Chou, D; Wurtz, B; Gonzalez-Medina, D; Murray CJL. (2013). Data Sources, Methods, and Estimates of the National Incidence of Road Injuries. In Bhalla, K (Ed.), Burden of Road Injuries in sub-Saharan Africa (pp. 7-94). Washington, DC: The World Bank.
3. Rosenberg M, Hayes E, **Abraham JP**. (2006). Making Roads Safe in Latin America and the Caribbean. In Rosenberg M (Ed.), Making Roads Safe (pp. 1-100). Atlanta, Georgia: The World Bank.

LECTURES AND PRESENTATIONS GIVEN

1. "CIR/SEIU 2nd Annual Quality Improvement & Patient Safety Summit Committee of Interns & Residents CIR." Los Angeles Athletic Club LAAC, Los Angeles, CA. September 27, 2014.
2. "Morbidity & Mortality Report: Code Status Miscommunication & Advance Care Planning." USC Family Medicine Residency Program at Dignity Health - California Hospital, Los Angeles, CA. November 14, 2014.
3. "University of Southern California Quality Improvement Symposium" University of California Keck School of Medicine, Los Angeles, CA. January 10, 2015.
4. "Improving Patient Safety in Graduate Medical Education: Providing Resident Physicians Adequate Supervision & Training." University of Southern California Family Medicine Residency Program at Dignity Health California Hospital, Los Angeles, CA. June 19, 2015.
5. "Strategies for Increasing Underrepresented Minorities in the Health Professions." Community Mental Health Center. University of Southern California Family Medicine Pathways Pipeline Program, Los Angeles, CA. August 11, 2015.

6. "Morbidity & Mortality Report: Delay of Care of Chronic Kidney Disease Resulting in End-Stage Renal Disease." University of Southern California Family Medicine Residency Program at Dignity Health California Hospital, Los Angeles, CA. October 21, 2015.
7. "Creating a Los Angeles Consortium for Health Careers Pipelines Program." Facilitator, California Medical Association Foundation (CMAF), Los Angeles, CA. March 3, 2016.
8. "Journal Club: Adverse Effects of Proton Pump Inhibitors." University of Southern California Family Medicine Residency Program at Dignity Health California Hospital, Los Angeles, CA. August 2, 2016.
9. "Medicare Access & Children's Health Insurance Program Reauthorization Act (MARCA): MARCA Rules, Sustained Growth Rate (SGR) is dead." Medical Staff, Dignity Health California Hospital Medical Center, Los Angeles, CA. October 15, 2016.
10. "Gun Violence as A Public Health Crisis: How Research Informs Public Policy." Moderator, American Medical Association Interim Meeting of the House of Delegates, Orlando, FL. November 11, 2016.
11. "Treating Violence like a Contagious Disease: Gun Violence as a Public Health Crisis." Facilitator, American Medical Association Interim Meeting of the House of Delegates, Orlando, FL. November 12, 2016.
12. "Putting Gun Violence in Context: What Do We Know? What Can Physicians Do?" Facilitator, American Medical Association Interim Meeting of the House of Delegates, Orlando, FL. November 12, 2016.
13. "Morbidity & Mortality Report: Undiagnosed Pre-Eclampsia." University of Southern California Family Medicine Residency Program at Dignity Health California Hospital, Los Angeles, CA. December 11, 2016.
14. "Careers in Primary Care Panel Discussion." University of Southern California Primary Care Physician Assistant Pipeline Program, Los Angeles, CA. May 06, 2017.
15. "Achieving Health Equity in America: Looking Back and Moving Forward with Health Reform." Facilitator, American Medical Association Interim Meeting of the House of Delegates, Orlando, FL. June 09, 2017.
16. "Introduction to Organized Medicine." Medical Student Body, University of Southern California, Keck School of Medicine, Los Angeles, CA. November 07, 2017.
17. "Introduction to Organized Medicine." Medical Student Body, College of Osteopathic Medicine, Western University, Pomona, CA. January 29, 2018.
18. "Primary Care & Underserved Populations: Challenges & Opportunities." Family Medicine Interest Group (FMIG), University of Southern California, Keck School of Medicine, Los Angeles, CA. April 09, 2018.

19. "Improving the Health of Individuals Released from Incarceration." Panelist, Los Angeles County Department of Healthcare Services (DHS) & Los Angeles Care, Los Angeles, CA. April 24, 2018.
20. "Kaiser Permanente Introduction to Health Policy & Organized Medicine." Kaiser Permanente Community Medicine Fellowship, Los Angeles, CA. May 4, 2018.
21. "Dementia & Mental Health: A Primary Care Perspective." Los Angeles Urban League Guild, Los Angeles, CA. May 19, 2018.
22. "An Introduction to Health Policy: Medical Quality & Public Health." Psychiatry & Family Medicine Resident Orientation, Charles Drew University, Los Angeles, CA. July 6, 2018.
23. "Network Building & Social Capital in Primary Care." Primary Care Leadership Program Learning Day, National Medical Fellowships (NMF), Altamed, Los Angeles, CA. July 18, 2018.
24. "Research & Scholarly Activity Reactor Panel." Primary Care Leadership Program, National Medical Fellowships, Altamed, Los Angeles, CA. July 26, 2018.
25. "Primary Care for Vulnerable Patients with Chronic Pain." Los Angeles CARE Physician Leadership Program, Los Angeles, CA. August 8, 2018.
26. "Introduction to Careers in Primary Care." University of Southern California Primary Care Physician Assistant Pipeline Program, Los Angeles, CA. May 11, 2019.
27. "Kaiser Permanente Introduction to Health Policy & Organized Medicine." Kaiser Permanente Community Medicine Fellowship, Los Angeles, CA. May 13, 2019.
28. "Careers in Primary Care." Primary Care Leadership Program, National Medical Fellowships (NMF), Altamed, Los Angeles, CA. July 26, 2019.
29. "COVID-19 Legislative Briefing for Assembly District 64." Assemblymember Mike Gipson, AD64, Los Angeles, CA. March 30, 2020.
30. "COVID-19 Town Hall for Assembly District 58." Assemblymember Cristina Garcia, AD58, Los Angeles, CA. March 31, 2020.
31. "Telemedicine in the Time of Coronavirus." Grand Rounds, Good Samaritan Hospital, Los Angeles, CA. April 8, 2020.
32. "COVID-19 Town Hall for Assembly District 55." California State Assembly, Los Angeles, CA. May 20, 2020.
33. "COVID-19 Healthcare Roundtable." Tri Counties Democratic Club, Los Angeles, CA. June 4, 2020.
34. "Soul Talk with the CDP African-American Caucus." California Democratic Party, Los Angeles, CA. June 13, 2020.
35. "Strengthening our Communities: A Virtual Town hall on Racial Justice." Congressmember Karen Bass, Lucille Roybal-Allard, & Judy Chu, Los Angeles, CA. June 24, 2020.

36. "Mental Health and COVID-19: Eliminate Disparities." Los Angeles, CA. July 18, 2020.
37. "Trauma Informed Care in the Medical Home, A Population Based Approach to Caring for Communities in the Context of COVID-19." LA Care Conferencing, Los Angeles, CA. July 21, 2020.
38. "Immunity and Scope of Practice Issues During COVID-19." Cooperative of American Physicians, Los Angeles, CA. July 22, 2020.
39. "Resilience Session - The Behavioral Health Impacts of COVID-19" Health Homes Program, Los Angeles, CA. July 24, 2020.
40. "Courageous Conversations II for AMA Ambassadors." American Medical Association, Los Angeles, CA. July 26, 2020.
41. "LGBTAA: Queer & Now Panel Discussion." Gay, Lesbian & Straight Education Network, Los Angeles, CA. July 29, 2020.
42. "COVID-19 Vaccines and Treatments: An Inside Look at What Lies Ahead." Aspen Ideas: Health & Mount Sinai Health System, Los Angeles, CA. September 10, 2020.
43. "LGBTQ Professionals in Healthcare - Guided Networking." Out Professionals, Los Angeles, CA. September 10, 2020.
44. "The Twindemic - Planning for the Influenza Season During COVID-19." Afternoon Teach, Los Angeles, CA. September 16, 2020.
45. "Advancing the Response to COVID-19: Sharing Promising Programs and Practices for Racial and Ethnic Minority Communities." Human Health Services Office of Minority Health, Los Angeles, CA. September 17, 2020.
46. "Residency Application Process: Current Challenges and Potential Solutions." American Medical Association, Los Angeles, CA. September 28, 2020.
47. "Misinformation and Mistrust: COVID-19 Conversations on Race and Gender Equity." Duke University Clinical & Translational Science Institute CTSI and Social Science Research Institute SSRI, Los Angeles, CA. October 2, 2020.
48. "The 2020 Election: LGBTQ Electeds, the LGBTQ Vote, and the Future of LGBTQ Rights." The University of California, Los Angeles, Los Angeles, CA. November 10, 2020.
49. "LA County Commission on HIV Annual Meeting." Los Angeles County Board of Supervisors, Los Angeles, CA. November 12, 2020.
50. "Policy Cafe, No Going Back: Charting a Path Toward an Equitable LA." Community Clinics Association of Los Angeles County CICALAC, Los Angeles, CA. November 13, 2020.

51. "When Two Pandemics Meet: HIV and COVID-19 in the Hispanic LGBTQ Community." National Hispanic Medical Association NHMA, Los Angeles, CA. December 1, 2020.
52. "The National COVID-19 Surge and Hope for 2021." Grand Rounds, Los Angeles, CA. December 8, 2020.
53. "Health + Justice: Inequities in the COVID-19 Vaccine Rollout." Los Angeles, CA. February 24, 2021.
54. "IMMAWII Covid 19 Panel." I'll Make Me a World in Iowa, Los Angeles, CA. February 27, 2021.
55. "Black/African American COVID-19 Media Briefing." The LAGRANT Foundation, Los Angeles, CA. March 8, 2021.
56. "A Gathering of Faiths and Government: COVID 19 The Vaccine & Lessons Learned." The City of Los Angeles, Los Angeles, CA. March 11, 2021
57. "COVID-19 Vaccine Eligibility Guidance for People Experiencing Homelessness." California Department of Housing & Community Development, March 19, 2021.
58. "California Virtual Town Hall: COVID-19 Update." Los Angeles County Department of Public Health LACDPH, Los Angeles, CA. March 20, 2021.
59. "COVID-19 Lectures." Medical Education Speakers Network MESN, Los Angeles, CA. April 9, 2021.
60. "Shot of Faith: Town Hall." Genesis Church, Los Angeles, CA. April 10, 2021.
61. "Shot of Faith Town Hall." First Church of God Center of Hope, Los Angeles, CA. April 13, 2021.
62. "Public Health & Practice Perspectives on Equity." LA Care Conferencing Learning & Development Training, Los Angeles, CA. April 15, 2021.
63. "Shot of Faith Town Hall." California State Baptist Convention, Los Angeles, CA. April 16, 2021.
64. "Shot of Faith Interview." LA Focus, Los Angeles, CA. April 19, 2021.
65. "Shot of Faith Town Hall." Calvary Baptist Church, Los Angeles, CA. April 21, 2021.
66. "Coming Out of Quarantine Town Hall." American Associates of Family Medicine AAFM, Los Angeles, CA. April 25, 2021.

67. "Shot of Faith Town Hall." Mt. Zion Baptist Church, Los Angeles, CA. April 28, 2021.
68. "California Democratic Party CDP Convention Presentation on MICRA and FIPA." California Democratic Party CDP, Los Angeles, CA. March 4, 2022
69. "Shot of Faith Town Hall." LoveLand Church, Los Angeles, CA. May 5, 2021.
70. "Shot of Faith Town Hall. "Faithful Central, Los Angeles, CA. May 10, 2021.
71. "Shot of Faith, Town Hall." Greater St. John, Los Angeles, CA. May 12, 2021.
72. "Telemedicine Lectures." Medical Education Speakers Network MESN, Los Angeles, CA. May 14, 2021.
73. "Coming Out of Quarantine...A Town Hall for Our Community and our Seniors." African American Firefighter Museum, Los Angeles, CA. May 16, 2021.
74. "Government Accountability Office GAO Annual Meeting." United States Government Accountability Office, Los Angeles, CA. May 18, 2021.
75. "UCSD School of Medicine ANES 223 Spr 2021 Health Policy Course." The University of California, San Diego, San Diego, CA. May 17, 2021.
76. "AD55 COVID-19 Town Hall." Mayor Rodriguez, Walnut Hill, CA. May 20, 2021.
77. "COVID-19 Vaccine Update from the Frontlines." Charles R. Drew University Medical Society, Los Angeles, CA. May 20, 2021.
78. "USC Public Health Practicum Experience." The University of Southern California, Los Angeles, CA. May 21, 2021.
79. "NMA Regional Conference." National Medical Association, Los Angeles, CA. May 21, 2021.
80. "COVID-19 Community Leadership Summit." The University of California, Los Angeles, Charles R. Drew University of Medicine, & The California Community Foundation, Los Angeles, CA. May 21, 2021.
81. "South Asian LGBTQ Mental Health." Los Angeles, CA. May 23, 2021.
82. "Health Literacy Conference 2021 Keynote Address Panel." Integrated Healthcare Association, Los Angeles, CA. May 25, 2021.
83. "Shot of Faith Town Hall." New Mt. Calvary, Los Angeles, CA. May 25, 2021.
84. "Telemedicine Lectures." Medical Education Speakers Network MESN, Los Angeles, CA. May 28, 2021.

85. "If It Were Your Family What Would You Want? A Balanced and Informed Approach to Reinstating Family Presence." Planetree International & American Nurses Foundation, Los Angeles, CA. June 2, 2021.
86. "Healthcare Roundtable on COVID-19." Tri-Counties Democratic Club, Los Angeles, CA. Jun 4, 2021
87. "AMA Plenary Session: Transforming health care for a post-pandemic world." American Medical Association AMA, Los Angeles, CA. June 5, 2021.
88. "Shot of Faith Town Hall." The Way Christian Center, Los Angeles, CA. June 7, 2021.
89. "Shot of Faith Town Hall." Friendship Baptist Church, Los Angeles, CA. June 8, 2021.
90. "Leadership in Action Case Study: Kedren Community Health Center." Bay Area Health Equity Speaker Series, Los Angeles, CA. June 15, 2021.
91. "Shot of Faith Town Hall." New Mt. Pleasant Church, Los Angeles, CA. June 17, 2021.
92. "Black and African American Statewide Media Briefing." California Department of Public Health CDPH, Los Angeles, CA. June 17, 2021.
93. "COVID-19 and its Exacerbation of Health Inequities." The University of Southern California & The Public Policy Institute, Los Angeles, CA. June 18, 2021.
94. "COVID-19 in Los Angeles Discussion Forum." The University of Southern California Gher Family Center for Health System Science and Innovation, Los Angeles, CA. June 18, 2021.
95. "Shot of Faith Town Hall." Future Community Church, Los Angeles, CA. June 22, 2021.
96. "Shot of Faith Town Hall." Ebenezer Missionary Baptist Church, Los Angeles, CA. June 27, 2021.
97. "Shot of Faith Town Hall." Mount Calvary Church, Los Angeles, CA. June 29, 2021.
98. "Shot of Faith Town Hall." West Side Church of God & Fresno Churches, Los Angeles, CA. June 29, 2021.
99. "Shot of Faith Town Hall." New Mt. Pleasant Church, Los Angeles, CA. July 1, 2021.
100. "Shot of Faith Town Hall." Genesis Church, Los Angeles, CA. July 6, 2021.
101. "Shot of Faith Town Hall." California Christian Center of LA, Los Angeles, CA. July 7, 2021.

102. "Shot of Faith Town Hall" True Faith Missionary Baptist Church, Los Angeles, CA. July 13, 2021.
103. "Shot of Faith Town Hall." Gracepointe Faith Church, Emmanuel Temple Apostolic Church, & The Well Ministries International, Los Angeles, CA. July 19, 2021.
104. "NAACP Statewide Press Conference." National Association for the Advancement of Colored People, Los Angeles, CA. July 24, 2021.
105. "A Conversation w/ Dr. Abraham on the COVID-19 Frontlines (Addressing Vaccine Hesitancy)." WebMD, Los Angeles, CA. July 27, 2021.
106. "Planning for Fall: Pediatric Immunizations and the California COVID-19 Vaccination Program." California Department of Public Health CDPH, Los Angeles, CA. July 28, 2021.
107. "CA Safe Schools For All Health Panels - Central Valley/Sacramento." California Department of Public Health, CPDH, Los Angeles, CA. July 28, 2021.
108. "CA Safe Schools For All Health Panels - Los Angeles." California Department of Public Health, CPDH, Los Angeles, CA. July 29, 2021.
109. "CA Safe Schools For All Health Panels - Los Angeles." California Department of Public Health, CPDH, Los Angeles, CA. August 5, 2021.
110. "An Expert Witness, Public Health Hearing on COVID-19." Los Angeles County Board of Supervisors, Los Angeles, CA. August 11, 2021.
111. "COVID-19 Vaccines for Foster Families." Allies for Every Child, Los Angeles, CA. August 10, 2021.
112. "Board District 7 Meeting." Los Angeles Unified School District LAUSD, Los Angeles, CA. August 11, 2021.
113. "Town Hall." Assemblymember Jones Sawyer, Los Angeles, CA. August 12, 2021.
114. "Town Hall." Black Health Trust, Los Angeles, CA. August 22, 2021.
115. "Gardena Jazz Festival." The City of Gardena, Los Angeles, CA. August 22, 2021.
116. "COVID-19 Update." Baptist Ministers Conference, Los Angeles, CA. August 23, 2021.
117. "COVID-19 Update with LA City Controller Ron Galperin." The City of Los Angeles, Los Angeles, CA. August 25, 2021.
118. "LA Civil & Human Rights & Equity Office Grand Opening & Press Conference." The Los Angeles Civil & Human Rights & Equity Office, Los Angeles, CA. September 13, 2021.

119. “KJLH Panel Discussion: Take a Shot!” Kindness, Joy, Love, & Happiness Radio KJLH, Los Angeles, CA. September 15, 2021.
120. “Healing Together.” Black Vax, Los Angeles, CA. September 15, 2021.
121. “AAFP Vaccine Hesitancy CME.” American Academy of Family Physicians AAFP, Los Angeles, CA. October 13, 2021.
122. “PCE Live Webinar - Post COVID Care.” LA Care Conferencing, Los Angeles, CA. August 12, 2021.
123. “Board District 7 Meeting” Los Angeles Unified School District LAUSD, Los Angeles, CA. August 12, 2021.
124. “COVID-19 Townhall for Sheet Metal Cutters & Welders.” Paramount Medals, Los Angeles, CA. August 13, 2021.
125. “COVID-19 Town Hall.” Verbum Dei High School, Los Angeles, CA. August 16, 2021.
126. “CCALAC Policy Cafe, Pandemic Pivot: Regaining Lost Ground on LA’s Invisible Epidemics.” Community Clinics Association of Los Angeles County CCALAC, Los Angeles, CA. September 17, 2021.
127. “CMA President-Elect Candidate Forum on the Climate Crisis.” California Medical Association CMA, Los Angeles, CA. September 17, 2021.
128. “SoCal AME Conference - 5th District Meeting.” African Methodist Episcopal Church, Los Angeles, CA. September 19, 2021.
129. “To Vaccinate or Not?! A Public Debate.” Black Vax, Los Angeles, CA. September 19, 2021.
130. “CHW Certification Speaker.” Iowa Chronic Care Consortium, Los Angeles, CA. September 22, 2021.
131. “State of the City Forum.” St John's Cathedral, Los Angeles, CA. September 22, 2021.
132. “COVID-19 Town Hall.” Safe Place for Youth, Los Angeles, CA. September 23, 2021.
133. “Dispelling Myths About the COVID-19 Vaccine.” The University of Southern California, Los Angeles Geffen School of Medicine, Los Angeles, CA. September 28, 2021.
134. “Town Hall.” Rivera Community of Schools, Los Angeles, CA. September 28, 2021.
135. “Town Hall for COVID-19 Booster Shot for Age 65+ and High-Risk Individuals.” California Department of Public Health CDPH, Los Angeles, CA. September 29, 2021.

136. "Town hall." Rivera Community of Schools, Los Angeles, CA. September 29, 2021.
137. "Town Hall." Carson Community of Schools, Los Angeles, CA. September 29, 2021.
138. "Town Hall " Wilmington Community of Schools, Los Angeles, CA. September 30, 2021.
139. "Town hall." San Pedro Community of Schools, Los Angeles, CA. September 30, 2021.
140. "Town Hall on Racism & Health Equity." California Medical Association CMA, Los Angeles, CA. September 30, 2021.
141. "Interview w/ LA Focus Editor Ms. Lisa Collins." A Shot of Faith Campaign, Los Angeles, CA. October 1, 2021.
142. "BD7 Conversation: Student Vaccine Mandate." Los Angeles Unified School District LAUSD, Los Angeles, CA. October 6, 2021.
143. "Physicians for a Healthy California NEPO Summit 2021." California Medical Association CMA, Los Angeles, CA. October 8, 2021.
144. "Faith Leader Town Hall on COVID-19 Vaccines." Los Angeles Unified School District, Los Angeles, CA. Oct 10, 2021.
145. "COVID Vaccination Town Hall." Fremont Community of Schools, Los Angeles, CA. October 14, 2021.
146. "Johnson & Johnson A Conversation on Racial Health Disparities Series" Johnson & Johnson, Los Angeles, CA. October 15, 2021.
147. "USC CVN Presentation - South Los Angeles." The University of Southern California, Los Angeles, CA. October 16, 2021.
148. "Panel Session 1: Optimizing Health Service Delivery through Innovation and Technology." International Association of Providers of AIDS Care Los Angeles, CA. October 20, 2021.
149. "Eritrea Conference." Los Angeles, CA. October 24, 2021.
150. "School Parent Education on Vaccinations Town Hall." Friends of GALA - Los Angeles Unified School District LAUSD, Los Angeles, CA. October 25, 2021
151. "Community Partner Meeting Update on COVID-19 Vaccinations." BIG:LEAP, Los Angeles, CA. October 27, 2021
152. "CMA Physicians Depoliticizing Climate: A Conversation." California Medical Association CMA, Los Angeles, CA. October 28, 2021.

153. "Parent Town Hall Meeting - Spanish." Camino Nuevo Charter Academy, Los Angeles, CA. November 2, 2021.
154. "LAUSD Vaccine Presentation." Los Angeles Unified School District LAUSD, Los Angeles, CA. November 4, 2021.
155. "Town Hall." Wilmington Community of Schools, Los Angeles, CA. November 4, 2021.
156. "COVID Conversations #9: COVID 19 Vaccines 5- 11 Year Olds." California Immunization Coalition, Los Angeles, CA. November 4, 2021.
157. "LAUSD Vaccination Presentation." Los Angeles Unified School District LAUSD, Los Angeles, CA. November 5, 2021.
158. "Plenary Session on COVID-19 & Health Equity w/ Dr. Peter Hotez." American Medical Association AMA, Los Angeles, CA. November 6, 2021.
159. "Science and Storytelling: Making Physicians' Voices the Loudest in the Room." American Medical Association AMA, Los Angeles, CA. November 6, 2021.
160. "COVID-19 Town Hall Meeting." ISANA Academies, Los Angeles, CA. November 8, 2021.
161. "COVID-19 Frontline Series: A Light in the Darkness: New Virus-neutralizing Monoclonal Antibodies and Other Speaker, Point-of-Care Therapies Recently Granted Emergency Use Authorization for Patients with COVID-19." Med Learning Group, Los Angeles, CA. November 9, 2021.
162. "LAUSD Vaccination Presentation." Los Angeles Unified School District, Los Angeles, CA. November 9, 2021.
163. "How to Talk to Parents about COVID-19 Vaccination for Children." United States Department of Health and Human Services HHS, Los Angeles, CA. November 10, 2021.
164. "COVID-19 Vaccines Presentation." Pilgrim School, Los Angeles, CA. November 10, 2021.
165. "Decarbonizing the Health Sector and Building Climate Resilience." National Academy of Medicine NAM, Los Angeles, CA. November 11, 2021.
166. "Town Hall on COVID-19." Los Angeles County, Los Angeles, CA. November 18, 2021.
167. "Advancing Equity: Healthcare Barriers for Gender-Diverse Populations." Centene, Los Angeles, CA. November 19, 2021.
168. "Shot of Faith Town Hall." Cain Memorial AME, Los Angeles, CA. November 23, 2021.

169. "LAUSD Fall LEA Collaborative Meeting." Los Angeles Unified School District LAUSD, Los Angeles, CA. November 29, 2021.
170. "Town Hall." Wilmington Community of Schools, Los Angeles, CA. December 16, 2021.
171. "Living in a Post-COVID World: Where Are We Going? What's Your Plan?" Black Health Trust, Los Angeles, CA. January 9, 2022.
172. "COVID Update." California Missionary Baptist State Convention, Los Angeles, CA. January 26, 2022.
173. "Black History Month Event." L.A. Care, Los Angeles, CA. February 3, 2022.
174. "Revolutionizing Access to Care in the Black Community." LA Care Health Plan, Los Angeles, CA. February 3, 2022.
175. "Roundtable on COVID-19." Black & African-American Media, Los Angeles, CA. February 22, 2022.
176. "The Ellen Show." The Ellen Show, Los Angeles, CA. March 8, 2022.
177. "Fireside Chat with Revry: Emerging Diverse Founders & Leaders." Gaingels LA, Los Angeles, CA. March 9, 2022.
178. "Councilor Curren Price Campaign Launch." LA City Council Councilor Curren Price, Los Angeles, CA. March 22, 2022.
179. "Fostering Well-being through Connection and Communication." American Medical Association AMA, Los Angeles, CA. March 29, 2022.
180. "Councilor Curren Price Event." LA City Council Councilor Curren Price, Los Angeles, CA. April 1, 2022.
181. "Story of Us." Climate Health Now, Los Angeles, CA. April 13, 2022.
182. "COVID-19: Who Have We Left Behind? And What Have We Left Behind?" American Association of Family Physicians AAFP, Los Angeles, CA. April 20, 2022.
183. "Brothers, Can We Talk? A Community Conversation and Wellness Event for Black Men." California Department of Public Health CDPH, Los Angeles, CA. April 24, 2022.
184. "CDU Community Forum - April 2022." Charles R. Drew University of Medicine, Los Angeles, CA. April 26, 2022.
185. "Back to the Basics: Talking with Patients about COVID-19 Vaccines." #ThisISOurShot, Los Angeles, CA. May 5, 2022

186. "MICRA Modernization Presentation." Los Angeles County Medical Association LACMA, Los Angeles, CA. May 5, 2022
187. "Gender Affirming Community of Practice." Denver Prevention Training Center, Los Angeles, CA. May 10, 2022.
188. "UCLA Research Day Keynote Address – Democratization of Health." The University of California, Los Angeles Geffen School of Medicine, Los Angeles, CA. May 11, 2022.
189. "38th Annual UCLA-Affiliated Multi-Campus Family Medicine Research Day." The University of California, Los Angeles Geffen School of Medicine, Los Angeles, CA. May 11, 2022.
190. "Lifesaving COVID-19 Antiviral Treatments" Charles R. Drew University School of Medicine, Los Angeles, CA. May 18, 2022.
191. "CDU WIP featuring Dr. Angela Venegas-Murillo and Dr. Dilara Üsküp." Charles R. Drew University School of Medicine, Los Angeles, CA. May 18, 2022.
192. "KJLH Women's Health Symposium (Panel Discussion and Breakout Session)." Kindness, Joy, Love, & Happiness Radio KJLH, Los Angeles, CA. May 21, 2022.
193. "Angeleno Corps Health Equity Career Panel." Angeleno Corps, Los Angeles, CA. June 3, 2022.
194. "Monkeypox: An Update for CBOs Serving LGBTQ+ Californians." California Department of Public Health CDPH, Los Angeles, CA. June 16, 2022.
195. "CHMC FMRP Health Policy & Advocacy for Family Medicine Residents." California Hospital Medical Center & The University of Southern California, Los Angeles, CA. August 18, 2022.
196. "Community Meeting on MPX." AVATAR LA, Los Angeles, CA. August 24th, 2022.
197. "Rock the Vax COVID-19 and HIV Webinar." First African Methodist Episcopal Church, Los Angeles, CA. September 14, 2022.
198. "CRDMS COVID Lecture." Charles R. Drew Medical Society, Los Angeles, CA. September 23, 2022.
199. "Community MPX Prevention Strategy Meeting." LA County Department of Public Health LACDPH, Los Angeles, CA. September 27, 2022.
200. "Leveraging the Role of Payers and Regulators in the Health Worker Well-Being Movement." National Academy of Medicine NAM, Los Angeles, CA. October 3, 2022.
201. "Panel Discussion, Climate Crisis and Public Health." The New Yorker Festival - The Nature Conservancy, Los Angeles, CA. October 7, 2022.

202. "Mingle at the Mansion, COVID-19 and Beyond." Charles R. Drew Medical Society, Los Angeles, CA. October 8, 2022.
203. "Systematic Impact of COVID-19 & MPX on Communities of Color." Bridge Builders Foundation - Omega Psi Phi Fraternity, Los Angeles, CA. October 11, 2022.
204. "Race as a Risk Factor and Environmental Racism." American Medical Student Association - Racism in Medicine Course, Los Angeles, CA. October 11, 2022.
205. "COVID-19 Update." Community Response System of South Los Angeles CRSSLA Public Health Committee, Los Angeles, CA. October 13, 2022.
206. "CDU Community Forum on COVID-19." Charles R. Drew University School of Medicine, Los Angeles, CA. October 25th, 2022.
207. "UCLA Color of Care Film Screening & Panel." The University of California Los Angeles Geffen School of Medicine, Los Angeles, CA. October 26, 2022.
208. "COVID: Where We've Been and Where We Are Going As a Community?" Ethiopian Community LA ECLA, Los Angeles, CA. October 29, 2022.
209. "LA Healthcare Awards." Patient Care Foundation PCF, Los Angeles, CA. November 4, 2022.
210. "Sabbath Town Hall Series COVID-19 Update." South Central Prevention Coalition, Los Angeles, CA. November 27, 2022.
211. "CDU Health Care Opportunities Program HCOP Academy Retreat." Charles R. Drew University School of Medicine, Los Angeles, CA. December 2, 2022.
212. "Premiere - *Vaccinate Watts*." Santa Clarita Film Festival, Los Angeles, CA. December 9, 2022.
213. "Health Justice & Systems of Care HJSC Guest Lecturer: Healthcare Reform: History, Current Developments & Future Prospects." USC Keck School of Medicine KSOM, January 18, 2023.
214. "Translational Perspectives on Pre-Exposure Prophylaxis PrEP for HIV", panelist, UCLA Center for HIV Identification, Prevention, and Treatment Services CHIPTS and UCLA Clinical and Translational Science Institute CTSI, January 18, 2023.
215. "USP Convention Joint Sector Meeting- Trust in Vaccines: Ensuring quality from development to distribution", January 26, 2023.
216. USC Family Medicine Research Day Symposium Keynote Speaker, February 1, 2023.
217. AMA Healthcare & Climate Change: Prioritizing Health Equity, February 1, 2023.

SIGNIFICANT MEETINGS ATTENDED

1. Catholic Hospital Association CHA 2020 Virtual Assembly, June 8, 2020.
2. American Academy of Family Physicians AAFP National Conference of Constituency Leaders NCCL, June 13, 2020.
3. State of Reform: “Virtual Conversation: Black Leadership in U.S. Health Care and Health Policy.”, June 19, 2020.
4. Global Health Care, LLC: “Summit on Health System Recovery from the COVID-19 Pandemic.”, June 22, 2020.
5. Harvard University Radcliffe Institute for Advanced Study: “Amplifying Community Voices: LGBTQ Health and Wellbeing during COVID-19.”, June 26, 2020.
6. The National Black Justice Coalition: “Black & LGBTQ: At the Intersection of a Racist & Homo/Transphobic CJ System.”, June 30, 2020.
7. Charles R. Drew University M. Alfred Haynes Lecture Series: “The Long Road Home.”, July 15, 2020.
8. National Hispanic Medical Association NHMA COVID-19 Virtual Briefing Series: “COVID-19 Impact on Health Care Delivery.”, July 22, 2020.
9. Blue Shield of California Promise Health Plan Community Conversation Series: “Community Conversation with Senator Holly J. Mitchell.”, July 27, 2020.
10. American Medical Association AMA-ASSN: “Medical Education Update: UME & GME Innovations.”, August 6, 2020.
11. Medical Societies Consortium on Climate and Health: “Storytelling training: Health Voices for Climate Action.”, August 11, 2020.
12. American Psychological Association APA Town Hall: “APA Addresses Structural Racism, Part Two: The March Continues.”, August 24, 2020.
13. National Hispanic Medical Association NHMA: “COVID-19 Virtual Briefing Series: Dealing with the New Normal.”, August 26, 2020.
14. American Medical Association AMA: “Foundation Update: Philanthropy in Action.”, August 26, 2020.
15. United States Health and Human Services US HHS National Center for Vital Health Statistics NCVHS Privacy Subcommittee Meeting, September 14, 2020.

16. Stanford University Sean N. Parker Center for Allergy & Asthma Research: “NorCal Symposium on Climate and Pandemic Resilience in Health Care.”, September 25, 2020.
17. Climate Awakening: “Breaking the Silence: Sharing Climate Emergency Feelings.”, November 25, 2020.
18. Soulforce Nonviolence Workshop w/ Rav. Lawson, December 19, 2020.
19. Emory University: “Community Conversation on Allyship as a Journey.”, January 5, 2021
20. California Medical Association CAM: “Strategies to Translate Existing CMA Climate Policies Into Action w/ Yvonne Choong, CMA VP.”, January 8, 2021.
21. Kedren Vaccines and LA City & County Native American Indian Native Alaskan Commission COVID-19 Vaccine Committee Meeting, April 8, 2021
22. California Democratic Party LGBTQ Caucus: “Harvey Milk Day Celebration & Pride Season Kick Off.”, May 22, 2021.
23. University of California, Los Angeles Presentation: “Policy and Research Priorities to End the Epidemics of HIV, Viral Hepatitis, STIs, and Overdose.”, November 10, 2021.
24. American Medical Association House of Delegates: “Protecting Our Planet: Energy Efficiency.”, November 15, 2021.
25. Center for HIV Identification, Prevention, and Treatment Service CHIPTS & The San Diego Center for AIDS Research SDCFAR: “World AIDS Day 2021 Event: Addressing Inequities and Syndemics to End the HIV Epidemic.”, December 1, 2021.
26. United States Pharmacopeia & Fight the Fakes Alliance: “Global Solutions to Confront Substandard and Falsified COVID-19 Vaccines.”, December 6, 2021.
27. 2021 World AIDS Day California Council of Behavioral Health Agencies: “Addressing Behavioral Health: A Critical Component To Ending The HIV Epidemic In The U.S.”, December 6, 2021.
28. American Medical Association AMA Scope of Practice Summit, December 15, 2021.
29. Interagency Coordinating Committee on the Validation of Alternative Methods: “Communities of Practice: New Approach Methodologies to Assess Developmental Neurotoxicity.”, January 25, 2022.
30. San Francisco Department of Public Health: “Financing HIV PrEP Webinar.”, February 23, 2022.
31. California Department of Public Health CDPH LGBTQIA Initiative Conference, February 25, 2022.

32. Alameda-Contra Costa Medical Association: “Medical Society Event: Adding Environmental Sustainability to Your Medical Practice.”, March 1, 2022.
33. Physicians for Social Responsibility Los Angeles: “Improving Public Health in California through Emission Reduction Strategies.”, March 5, 2022.
34. Medical Society Consortium on Climate and Health: “Accelerating Climate Solutions: From Urgency to Impact for Health and Equity.”, March 6, 2022.
35. National Committee for Quality Assurance NCQA President Margaret O’Kane: “Fireside Chat on Post-Pandemic Healthcare Delivery.”, March 10, 2022.
36. USC Center for Political Future Screening: "Be My Voice" with Masih Alinejad and Sen. Barbar Boxer.”, March 10, 2022.
37. California Department of Public Health CDPH: “Ending the HIV, HCV, and STI Epidemics Strategic Plan: CA Statewide Town Hall.”, March 18, 2022.
38. LA City Community Engagement Team: “Rebuilding the Public Trust: The Road to a More Ethical LA”, March 24
39. National Academy of Medicine NAM: “Action Collaborative on Decarbonizing the US Health Sector Virtual Meeting.”, March 29, 2022.
40. United States Pharmacopeial Convention: “Supply Chain Exchange Series: Preparedness for increased resiliency and bolstering key points along the medicines supply chain.”, March 30, 2022.
41. American Medical Association AMA Board of Trustees Panel: “The Nation’s Drug Overdose Epidemic: Helping Children and Families, Patients with Pain, Tuesday.” April 5, 2022.
42. Liberty Hill Climate Equity LA Series: “Community-Driven Climate Resilience and Adaptation in LA.”, April 7, 2022 .
43. Los Angeles County Medical Association LACMA: “The Future is Now: The Successful Medical Enterprise in Challenging Times.”, April 11, 2022.
44. Emory University President Gregory L. Fenves Lecture Presentation: “The Future Starts with You, Los Angeles.”, April 12, 2022.
45. American Medical Association AMA Science and Public Health Update, April 13, 2022.
46. Climate Equity LA Series: “Community-Driven Climate Resilience and Adaptation in LA.”, April 14, 2022.
47. California Black Health Network CBHN: “Historical Racism and Impact on Health Disparities.”, April 5, 2022.

48. Western Regional Advocacy Project: “Standing United for Our Rights: Convening Against CARE Court.”, April 8, 2022.
49. Los Angeles County Medical Association LACMA: “The Future is Now: The Successful Medical Enterprise in Challenging Times.”, April 8, 2022.
50. American Medical Association AMA Science and Public Health Update. April 12, 2022.
51. Climate Equity LA Series: “Community-Driven Climate Resilience and Adaptation in LA.”, April 13, 2022.
52. Climate Health Organizing Fellows CHOF Special Talk with Director of U.S. Office of Health and Human Services HHS - John Balbus. April 14, 2022.
53. American Medical Political Action Committee AMPAC Stakeholder Update, April 25, 2022.
54. California Department of Public Health CDPH: “End the Epidemics: Racial Justice Training”. April 26, 2022.
55. EHMI Communities, Climate Change, and Health Equity - State-Level Implementation, May 24, 2022.
56. Amazon Web Services AWS: “Industry Innovators: Healthcare & Life Sciences”, June 16, 2022.
57. Intermountain Healthcare: “Raising the Bar: Engaging Leadership in a Comprehensive Equity Strategy”, July 26, 2022.
58. California Department of Public Health CDPH Monkeypox LGBTQ Community Stakeholder Meeting, August 2, 2022.
59. American Medical Association AMA LGBTQ Advisory Committee Town Hall on Section Consideration, August 25, 2022.
60. California Medical Association CMA Medical Group Advocacy Symposium, August 31, 2022.
61. Wellcare Training 22-593: “Strengthening Cultural Humility, Dismantling Implicit Bias in Healthcare and Social Services”, September 8, 2022.
62. California Community Foundation: “COVID-19 Findings and Perspectives from South LA and Southeast LA: Doing What Needed to be Done”, September 14, 2022.
63. ViiV Healthcare, HIV Medication presentation with Eddie Vs and Dr. William King, September 21, 2022.
64. Los Angeles County Department of Public Health LACDPH Monkeypox Stakeholder Update at St. John’s Hospital, September 27, 2022.

65. National Academy of Medicine NAM Convening: “Leveraging the Role of Payers and Regulators in the Health Worker Well-Being Movement”, Public Launch Event, October 3, 2022.
66. California’s Climate Leadership: Advancing Health and Equity in Climate Policy Moderator, CMA Climate Health Symposium, October 21, 2022.
67. California Medical Association CMA 151st House of Delegates Annual Session, October 22, 2022.
68. Project TENDR Annual Meeting, October 24, 2022.
69. Longitudinal Course Development and Bidirectional Curriculum Integration Workshop ft. UC Davis Dr. Michael Wilkes, October 24, 2022.
70. The Sierra Health Foundation SHF California Equitable Recovery Initiative CERI Grantwriters Workshop, October 24, 2022.
71. LA County Homelessness Initiative Meeting, October 24, 2022.
72. Robert Wood Johnson Foundation RWJF Health Policy Fellowship Meeting, October 25, 2022.
73. Columbia University Mailman School of Public Health, “Field Epidemiology Response to the Climate Health Crisis: Air Pollution”, October 26, 2022.
74. LANCET Countdown on Climate Change & Health Public Launch Event, October 26, 2022.
75. Association of State and Territorial Health Officials ASTHO - MSM Satcher Health Leadership Institute SHLI, Diverse Executives Leading in Public Health DELPH, “Insight and Inspiration: Start With Why - Experience the Simon Sinek Golden Circle”, October 26, 2022.
76. National Hispanic Medical Association NHMA COVID-19 Briefing Session #18: Understanding Long COVID and the Future of Vaccinations, October 26, 2022.
77. American Medical Association Alliance AMAA "Launching Your Alliance Drug Education Program" Workshop, October 27, 2022.
78. Columbia University Mailman School of Public Health - Global Consortium on Climate Health Education; Climate and Health Advocacy Boot Camp, October 27, 2022.
79. The Washington Post, “Protecting Our Planet Series: The Role of Technology”, October 28, 2022.
80. Climate for Health Ambassador Community Meeting, November 1, 2022.
81. Ending the Epidemics ETE Campaign All California Meeting (LA LGBT Center), November 2, 2022.
82. AMA Advocacy Webinar Series: “What Congress Needs to Do Now”, November 3, 2022.
83. California Department of Public Health CDPH Hepatitis B Listening Session, November 3, 2022.

84. National Minority Quality Forum NMQF Scholars: “Treatment Access & Health Equity: Protecting Copay Assistance to Improve Patient Outcomes”, November 4, 2022.
85. CDU Public Health Disparities Meeting with Republic of Sierra Leone Diplomat, November 7, 2022.
86. Health and Human Services Region 10 LGBTQ+ Monkeypox Update, November 10, 2022.
87. National Hispanic Medical Association NHHF Foundation Gala, Thursday, November 17, 2022.
88. Trans Latinas Garras Fashion Show, November 19, 2022.
89. City of Los Angeles Reparations Advisory Commission, “Homecoming Part II: An Evening of Collective Memory, Shared Experience, and Envisioning Reparations for Black Angelenos Within the City of Los Angeles.”, November 29, 2022.
90. Columbia University Mailman School of Public Health - “Global Consortium on Climate Health Education; Field Epidemiology Response to the Climate and Health Crisis: Flooding”, November 30, 2022.
91. National Academy of Medicine NAM: “Emerging Fairer & Stronger from COVID-19: Health System Imperatives”, November 30, 2022.
92. AMA Alliance Leadership Bootcamp - Day 1, December 1, 2022.
93. Health and Human Services HHS Office of Intergovernmental and External Affairs IEA MPOX Stakeholder Meeting, December 1, 2022.
94. World AIDS Day Noche de las Memorias - The Wall Las Memorias AIDS Monument Los Angeles, December 1, 2022.
95. AMA Alliance Leadership Bootcamp, December 2, 2022.
96. National Medical Quality Fellowship NMQF-SHC: “Protecting Our Families from the Threat of Influenza”, December 2, 2022.
97. Shared Harvest Fund SHF Fireside Chat, December 4, 2022.
98. AMA Fighting Scope of Practice Expansion, December 5, 2022.
99. California Immunization Coalition: “Vaccination Communication: Inoculating Against Misinformation”, December 6, 2022.
100. Health and Human Services HHS Office of Intergovernmental and External Affairs IEA Respiratory Syncytial Virus (RSV) Stakeholder Briefing, December 7, 2022.
101. California Department of Public Health DPH MPX Community Listening Session, December 7, 2022.

102. Pacific AIDS Education and Training Center PAETC: “PrEP Ready! Community of Practice - Session #2: PrEP Outreach & Engagement Strategies”, December 7, 2022.
103. City of LA Climate Emergency Mobilization Office CEMO Community Report Back: Pathways to Healthy Homes through Equitable Building Decarbonization, December 7, 2022.
104. National Academy of Medicine's Climate Communities Listening Session, Thursday, December 8, 2022.
105. National Association for Continuing Education NACE Conversations in Primary Care CME Conference 2022, December 10, 2022.
106. American Association for the Advancement of Science AAAS, Science, Technology, Engineering, Mathematics, and Medicine STEM, White House Equity Summit, December 12, 2022.
107. Med Learning Group CME: “Weight Loss as a Treatment Strategy for Patients with Type 2 Diabetes and Obesity: Practical Strategies for Primary Care Physicians”, December 12, 2022.
108. National Hispanic Medical Association NHMA Organizational Training with The Food and Drug Administration FDA, December 12, 2022.
109. Climate Reality Bay Area: “Fostering Resilience in the Climate Crisis”, December 13, 2022.
110. “COVID-19 Federal Incident Response Plan - Federal Plan for Equitable Long-Term Recovery and Resilience” ELTRR Partner Briefing, December 14, 2022.
111. Columbia University Global Consortium on Climate & Health Keystone Symposium: “Climate Health & Infectious Disease Threats”, December 14, 2022.
112. LA Care Enhanced Care Management ECM, “Children and Youth Town Hall”, Wednesday, December 14, 2022.
113. California Department of Public Health CDPH Mental Health Webinar for Clinicians, December 14, 2022.
114. CDPH Physicians for a Healthy California PHC Test-to-Treat T2T Equity Project ECHO, December 14, 2022.
115. California Black Health Network: “Looking Ahead: Cancer Breakthroughs in Screening and Early Detection”, December 14, 2022.
116. US Chamber of Commerce 2023 State of American Business, January 12, 2023.
117. Housing Authority of the City of Los Angeles HACLA Watts LA Work Source Center Collaborative Partners Meeting, January 12, 2023.
118. African Communities Public Health Coalition Ribbon Cutting, January 12, 2023.
119. Department of Mental Health DMH + UCLA Full Service Partnership FSP “Community of Practice: Promoting Productive Roles”, January 17, 2023.

120. AMA STEPS Forward Webinar Series: “Improving Environmental Stability in your Medical Practice”, January 18, 2023.
121. UCLA Center for Health Policy Research CHPR: “Mental Health & COVID-19: An Economic & Social Crisis”, Wednesday, Jan 25-
122. National Football League NFL Players Association Physician Dr. Thomas Mayer, *Battling Healthcare Burnout* book signing, January 25, 2023.
123. South Central HIV Consortium, January 27, 2023.
124. Equitable Health Measurement: Supporting Community Voices, Systems, and Partnerships, January 31, 2023.
125. National Hispanic Medical Association NHMA Briefing Series Session #19: “Mediating the COVID-19, Influenza, and RSV Tridemic in Latinx Communities”, January 31, 2023.
126. California Immunization Coalition CIC Vaccination Communication: “Inoculating Against Misinformation Q + A”, January 31, 2023.
127. AMA New Congress, “New Majorities & New Power Dynamics”, February 1, 2023.
128. Pacific AETC “The Invisible Patient: Cultural Approaches to HIV Care and Prevention Among Black Women”, February 3, 2023.
129. “How the AMA is fighting for physicians and patients in Washington—and how you can help”, February 7, 2023.
130. Physician Aid Association LA PAA Annual Meeting, February 8, 2023.
131. Cambridge Health Alliance CHA Center for Health Equity Education & Advocacy CHEEA Climate Health Organizing Fellowship CHOF Special Session on Climate Reparations, February 10, 2023.
132. Medical Society Consortium on Climate Health MSCCH Annual Meeting 2023, Washington, DC, March 24, 2023.
133. “The All of Us Research Workbench: Opportunities for Community-Based Researchers”, February 21, 2023.
134. LA CARE “Listening to Black Californians: How the HealthCare System Affects Their Pursuit of Good Health”, February 22, 2023.

DIGITAL MEDIA PORTFOLIO

CMA NEWS 10.18.22 | CMA Climate Health Panel Discussion

<https://www.cmadoes.org/newsroom/news/view/ArticleId/49918/Still-time-to-register-for-Friday-39-s-climate-health-panel-discussion>

LA THIS WEEK 10.17.22 | In Conversation with Dr. Abraham

https://youtu.be/rdmHpEJ_do0

AMA NEWS 10.11.22 | US Health System Must Come to Terms with Its Environmental Impact

<https://www.ama-assn.org/delivering-care/public-health/us-health-system-must-come-terms-its-environmental-impact>

THE NEW YORKER 10.07.22 | The Power of Nature to Improve Public Health

<https://festival.newyorker.com/tickets/the-power-of-nature-to-improve-public-health/>

LA CITY VIEW 35 10.03.22 | LA Currents: COVID-19 Update w/ Dr. Abraham

<https://youtu.be/ZPQUNyKAgh4>

SPECTRUM NEWS 09.20.22 | Inside the Issues w. Alex Cohen: COVID-19 Boosters Update w. Dr. Abraham

<https://spectrumnews1.com/ca/la-west/inside-the-issues-full-episode/2022/09/20/former-usc-dean-pleads-guilty-in-bribery-case->

AMA NEWS 09.15.22 | AMA-SHLI Medical Justice in Advocacy Fellows

<https://www.ama-assn.org/delivering-care/health-equity/medical-justice-advocacy-fellows>

KJBU 99.3FM 09.13.22 | CDPH Interview: COVID-19 Update

<https://refuelagency-my.sharepoint.com/:f/p/jweipz/Epo1PxZ0QpdKmn6SX8b6MogBf8LeSBBWyriTqGE1hm0c2g?e=dKBnKH>

AMA NEWS 08.24.22 | When fighting climate change, don't overlook health equity

<https://www.ama-assn.org/delivering-care/public-health/qa-when-fighting-climate-change-don-t-overlook-health-equity>

CMA NEWS 08.23.22 | CMA to Host Panel Discussion on Climate Health Crisis

<https://www.cmadoes.org/newsroom/news/view/ArticleId/49857/CMA-to-host-panel-discussion-on-climate-health-crisis>

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KCRW Greater LA 02.22.21 | South LA COVID Vaccine Standby Line Sparks Racial Equity Debate

<https://www.kcrw.com/news/shows/greater-la/covid-vaccine-elderly-social-edison/south-la-kedren-health-covid-vaccine-standby>

ALARABIYA NEWS 03.22.21 | US administers over three million COVID-19 vaccine doses in two straight days

<https://english.alarabiya.net/coronavirus/2021/03/22/Coronavirus-US-administers-over-three-million-COVID-19-vaccine-doses-in-two-straight-days>

YOUR CENTRAL VALLEY 3.12.21 | California hits equity mark:2M COVID-19 vaccine doses to vulnerable areas

<https://www.yourcentralvalley.com/news/california/california-hits-equity-mark-2m-covid-19-doses-to-vulnerable-areas/>

CAPITAL & MAIN 02.23.21 | Vaccines Are Not Reaching Hardest Hit Los Angeles Communities

<https://capitalandmain.com/vaccine-sites-missing-in-many-los-angeles-county-communities-0223>

LA PROGRESSIVE 03.05.21 | Big Pharma Shouldn't Control Covid-19 Vaccines

<https://www.laprogressive.com/control-covid-19-vaccines/>

LA TIMES 02.22.21 | Why Wealthy Spots Like Beverly Hills, San Marino Have the Highest COVID Vaccination Rates

<https://www.latimes.com/california/story/2021-02-22/why-rich-spots-beverly-hills-get-more-covid-vaccines>

LA SENTINEL 02.18.21 | California State Governor Gavin Newsom Visits Kedren Hospital

<https://lasentinel.net/california-state-governor-gavin-newsom-visits-kendren-hospital-observing-the-success-of-the-co-pilot-initiative-of-vaccination-distribution-in-impacted-communities.html>

UNITED PRESS INTERNATIONAL UPI 02.20.21 | COVID-19 cases pass 28 million in U.S., deaths near 500,000

https://www.upi.com/Top_News/US/2021/02/20/COVID-19-cases-pass-28-million-in-US-deaths-near-500000/1171613837212/

CBS NEWS 02.16.21 | US COVID-19 cases and deaths decline

https://www.youtube.com/watch?v=9_jdUHX3vY

SPECTRUM INSIDE THE ISSUES w/ ALEX COHEN 02.19.21 | Equitable Vaccine Distribution

<https://www.facebook.com/2601761/videos/10103008256187307/>

LA TIMES 02.18.21 | Black People Still Aren't Getting COVID Vaccines. This Pastor Isn't Having It

<https://www.latimes.com/california/story/2021-02-18/coronavirus-covid-vaccine-equity-black-church-kedren-south-los-angeles>

SAN FRANCISCO CHRONICLE | California's Positivity Rate Drops Sharply, A Promising Indicator for Reopening

<https://www.sfchronicle.com/bayarea/article/California-s-coronavirus-positivity-rate-has-15957740.php>

CALIFORNIA GOVERNOR VISITS KEDREN'S VACCINE PROGRAM

<https://twitter.com/CAGovernor/status/1361824179511648259?s=20>

<https://www.facebook.com/photo?fbid=10103005977214387&set=a.869274385027>

https://www.tiktok.com/@gavinnewsom/video/6930024247465200902?lang=en&is_copy_url=0&is_from_webapp=v2&sender_device=pc&sender_web_id=6930314450668144134

NEWS AGENCY AMERICA 02.16.21 | California Governor Gavin Newsom Visits Kedren Vaccines

https://youtu.be/r_5nvADttPU

UNITED PRESS INTERNATIONAL UPI 02.16.21 | New COVID-19 Cases, Deaths Tick Up in U.S. Amid Biden Vaccine Push

https://www.upi.com/Top_News/US/2021/02/17/New-COVID-19-cases-deaths-tick-up-in-US-amid-Biden-vaccine-push/2021613561182/

FINANCIAL TIMES 02.16.21 | EU announces fresh vaccine deal with Moderna

<https://www.ft.com/content/a6cd1bc8-f6e0-4e32-8399-6fde8b71c579>

CNN 02.16.21 | Fauci Says A COVID-19 Vaccine Could Be Needed Annually

https://www.cnn.com/world/live-news/coronavirus-pandemic-vaccine-updates-02-17-21/h_6a55a182559142d78a548af4705bfc79

THE GUARDIAN 02.16.21 | Latinos & Black Americans See Lowest COVID Vaccination Rates New Data Shows

<https://www.theguardian.com/world/2021/feb/17/coronavirus-vaccinate-us-black-latino-race>

FRANCE 24 & AFP | Race to Vaccinate: African Americans Being Left Behind in the US

<https://www.france24.com/en/tv-shows/inside-the-americas/20210211-race-to-vaccinate-african-americans-being-left-behind-in-the-us>

<https://www.france24.com/fr/%C3%A9missions/cap-am%C3%A9riques/20210211-aux-%C3%A9tats-unis-les-noirs-am%C3%A9ricains-sont-les-grands-perdants-de-la-campagne-de-vaccination>

CNN 02.14.21 | COVID-19 Cases Have Declined Sharply -- These Factors Will Determine How Pandemic Unfolds From Here

<https://www.cnn.com/2021/02/14/health/us-coronavirus-sunday/index.html>

LA TIMES 02.22.21 | Gov. Admits Problems w/ Vaccine Rollout in Latino & Black Communities
<https://www.latimes.com/california/story/2021-02-21/governor-admits-problems-covid-19-vaccine-rollout-latino-black-communities>

LA TIMES 02.14.21 | New State Data Break Down Vaccine Distribution by Age, Race, Gender, & Show Disparities
<https://www.latimes.com/california/story/2021-02-14/state-data-on-vaccine-distribution-reveals-disparities>

LA TIMES 02.13.21 | California Adds Millions to COVID-19 Vaccine Eligibility List But Frustrating Waits, Shortages Loom
<https://www.latimes.com/california/story/2021-02-13/california-covid-19-vaccine-shortages-delays>

KTLA 02.20.21 | Data showing vaccination rates by community reveal inequities in LA County
<https://ktla.com/news/local-news/inequities-in-vaccination-coverage-are-clear-l-a-county-health-officials-say/>

KTLA 02.09.21 | COVID-19 vaccine slow to reach LA County communities hit hard by pandemic
<https://ktla.com/news/local-news/covid-19-vaccine-slow-to-reach-l-a-county-communities-hit-hard-by-pandemic/>

AP 03.17.21 | Bungling wastes shots in US in COVID-19 battle
<https://www.shine.cn/news/world/2103176059/>

LA CITY CHANNEL 35 | COVID-19: Overcoming Vaccine Reluctance & Access Barriers in Black & Brown Communities
<https://youtu.be/xwQvmU9EAg4>
<https://fb.watch/3ByG7QuH4O/>

TMZ LIVE 02.08.21 | Dr. Jerry Abraham Creates Awesome COVID Vaccine Distribution Model to Serve Minority Communities
<https://www.tzm.com/2021/02/08/dr-jerry-abraham-los-angeles-kedren-clinic-vaccines-black-brown-people/>
<https://youtu.be/QBltrI6owdw>

MSNBC RACHEL MADDOW SHOW 02.05.21 | Removing Barriers is Key to Getting Vaccine to Underserved Communities
<https://www.msnbc.com/rachel-maddow/watch/removing-barriers-is-key-to-getting-vaccine-to-underserved-communities-100619845748>
<https://www.nbc.com/the-rachel-maddow-show/video/rachel-maddow-2521/4298087>
<https://youtu.be/GRiBcuwBeFc>
<https://www.facebook.com/jerryabraham/videos/10102998454924117/>
<https://twitter.com/maddowblog/status/1357887778638462977>

BLACK NEWS CHANNEL BNC 02.04.21 | Los Angeles Vaccine Supply Shortage

<https://blacknewschannel.com/fuel/02-04-21-bnc-prime-los-angeles-vaccine-supply-shortage/>

CBS THIS MORNING 02.03.21 | South Los Angeles Hospital Removes Barriers for Minority Communities Seeking Vaccines

<https://www.cbsnews.com/video/south-los-angeles-hospital-removes-barriers-for-minority-communities-seeking-vaccine/>

<https://youtu.be/8JpO8cbZ4Ik>

THE GRIO 02.08.21 | Los Angeles doctor fights to ensure vaccine distribution in Black community

<https://thegrio.com/2021/02/08/los-angeles-doctor-ensure-vaccine-distribution-black-community/>

NBC NEWS 02.11.21 | They're Chasing the Dreams of Getting a COVID-19 Vaccination

<https://www.nbcnews.com/news/us-news/they-re-chasing-dream-getting-covid-19-vaccination-n1257520>

CBS LOS ANGELES 02.09.21 | LA County Working To Address Racial Disparities In Distribution Of COVID-19 Vaccines

<https://losangeles.cbslocal.com/video/5280480-la-county-working-to-address-racial-disparities-in-distribution-of-covid-19-vaccines/>

<https://youtu.be/n4ZHsJ0pUxM>

BLACK HEALTH TRUST 02.07.21 | Vaccine Inequities & A National Call to Action: What can we do to help bridge the Vaccine Inequity Gap?

<https://youtu.be/nNcbecjA14k>

KPCC LAist 02.05.21 | Morning Brief: LA's Vaccine Inequity Mirrors The Rest of the Country

<https://laist.com/latest/post/20210208/morning-briefing-february-8-laist-los-angeles>

NPR TAKE TWO 02.04.21 | Communities of Color Struggle for Vaccination Equity

<https://www.scpr.org/programs/take-two/2021/02/04/21540/>

KFI AM.640 NEWS 02.02.21 | Local Doctor Figures Out How To Distribute Vaccines Equitably in Los Angeles County

<https://kfiam640.iheart.com/featured/gary-and-shannon/content/2021-02-02-local-doctor-has-figured-out-how-to-distribute-vaccines-equitably/>

KPCC LAist 02.05.21 | Why Do LA's Black And Latino Residents Have Lower Vaccination Rates?

<https://laist.com/latest/post/20210205/why-do-LAs-black-and-latino-residents-have-lower-vaccination-rates>

SPECTRUM NEWS 1 02.09.21 | South LA Clinic Will Continue to Give First Doses of COVID-19 Vaccine

<https://spectrumnews1.com/ca/la-west/coronavirus/2021/02/09/south-la-clinic-will-continue-to-give-first-doses-of-covid-19-vaccine>

<https://www.facebook.com/2601761/videos/10103003361920457/>

NBC LOS ANGELES | People With Disabilities Feel Abandoned by State Leaders on Vaccine Rollout

<https://www.nbclosangeles.com/news/local/people-with-disabilities-feel-abandoned-by-state-leaders-on-vaccine-rollout/2515930/>

LA TIMES 02.12.21 | California to open COVID-19 vaccine to people with cancer, obesity, other conditions

<https://www.latimes.com/california/story/2021-02-12/california-opens-covid-vaccine-disabled-high-risk-people>

NBC TODAY SHOW 02.01.21 | Unequal Access to Coronavirus Vaccine Spurs Mounting Outrage

<https://www.today.com/video/unequal-access-to-coronavirus-vaccine-spurs-mounting-outrage-100334149944>

NBC LOS ANGELES 01.29.21 | Volunteer Disaster Team Provides Support at KEDREN HEALTH COVID-19 Vaccine Distribution Program

<https://www.nbclosangeles.com/on-air/volunteer-disaster-team-provides-support-at-kedren-health-center/2514389/>

LA TIMES 03.09.21 | California makes it easier for anyone to get COVID-19 vaccine by volunteering

<https://www.latimes.com/california/story/2021-03-09/california-makes-it-easier-to-sign-up-as-a-covid-19-vaccine-site-volunteer>

KNX AM1070 NEWS RADIO 03.05.21 | New COVID-19 vaccination site to open at USC Tuesday, Uber partnership will allow South LA residents to get vaccinated

<https://www.radio.com/knx1070/news/state/new-covid-19-vaccination-site-opens-at-usc-tuesday>

CBS FACE THE NATION 01.31.21 | Challenges of Vaccinating All Grows

https://www.cbs.com/shows/face-the-nation/video/P_WQeIkGSvhS_0wVR7syQLkOUNf9QSKf/01-31-richmond-lamont-suarez-gottlieb-jackson/

CBS LOS ANGELES | South LA Clinic Rushes To Administer 600 Expiring COVID-19 Vaccine Doses

<https://losangeles.cbslocal.com/2021/01/29/south-la-clinic-administers-600-expiring-covid-19-vaccine-doses/>

https://youtu.be/U5c8XYa_cj4

INSIDE EDITION | Those Hoping to Get 'Leftover' Vaccine Doses Wait Nearly 15 Hours

https://youtu.be/_fGIpJEMyvK

LA TIMES | How a South L.A. doctor is beating the system and distributing vaccines equitably
<https://www.latimes.com/california/story/2021-01-29/coronavirus-covid-vaccine-equity-hospital-south-lo-s-angeles-kedren-health>

LA TIMES | Letter to the Editor: ‘Vaccine chasers’ aren’t the story; South L.A. doctors fighting inequities are
<https://www.latimes.com/opinion/story/2021-01-26/vaccine-chasers-inequity>

AFP NEWS AGENCY | ‘Vaccine chasers’ stake out Los Angeles hospitals, hoping for shot
<https://youtu.be/2bggS3jLDio>

SPECTRUM NEWS 1 | Doctor's Tenacity Brings Vaccinations to South LA
<https://spectrumnews1.com/ca/la-west/coronavirus/2021/01/11/doctor-s-tenacity-brings-vaccinations-to-south-la>

SPECTRUM NEWS 1 | South LA Clinic Needs Volunteers to Ramp up Vaccinations
<https://spectrumlocalnews.com/nc/coastal/coronavirus/2021/01/20/south-la-clinic-needs-volunteers-to-ramp-up-vaccinations>
<https://www.facebook.com/2601761/videos/10103003365258767/>

SPECTRUM SOCAL IN 17 | California’s Vaccine Rollout
<https://spectrumnews1.com/ca/la-east/coronavirus/2021/02/11/california-s-vaccine-rollout-and-road-to-recovery--are-we-there-yet->

SPECTRUM SOCAL IN 17 | A local doctor shares what life is like on the front lines, doling out life-saving vaccines in South Los Angeles
<https://spectrumnews1.com/ca/la-east/socal-in-17/2021/01/28/what-dr--anthony-fauci-has-to-say-about-california-lifting-stay-home-orders>

LA PODCAST | CA’s vaccine rollout is now the worst in the country. What are the ethics of vaccine chasing?
<https://thelapod.com/episode/november-strain/>

FOX 11 LOS ANGELES 02.10.21 | Vaccine Chasers Lining Up at South LA Hospital
<https://youtu.be/h7UG3l5YjwE>

LA TIMES 01.23.21 | Young L.A. ‘vaccine chasers’ crowd unofficial standby lines in hopes of a shot
<https://www.latimes.com/california/story/2021-01-23/standby-lines-backdoor-vaccine-access>

INSIDE THE ISSUES w/ ALEX COHEN | Diversifying the Healthcare Workforce During the COVID-19 Pandemic
<https://vimeo.com/503637567>

the password: insidetheissues

NHK WORLD TOKYO & FUJI NEWS JAPAN | Young People in the US Seeking Surplus Vaccines

<https://www.fnn.jp/articles/-/138285>

COMPLEX | Young L.A. Residents Are Flocking to Vaccine Distribution Sites to Get Leftover Shots

<https://www.complex.com/life/2021/01/young-la-residents-are-flocking-to-vaccine-distribution-sites-to-get-leftover-shots>

LA THIS WEEK | LA City Mayor Eric Garcetti Visits Kedren Community Health Center Site

<https://youtu.be/jfoBIKGsry8>

UNITED PRESS INTERNATIONAL UPI | South LA Physician Finds Workarounds to Distribute Vaccines Equitably

https://www.upi.com/News_Photos/view/upi/88ee0e3f9adc79997be3daffc2b5f9d8/South-LA-Physician-Finds-Workarounds-to-Distribute-Vaccines-Equitably/

https://www.upi.com/News_Photos/view/upi/22b493f1a087c3cef73635375ad82eba/South-LA-Physician-Finds-Workarounds-to-Distribute-Vaccines-Equitably/

https://www.upi.com/Top_News/US/2021/02/05/New-COVID-19-deaths-in-US-top-5000-to-set-new-single-day-record/2411612533207/

https://www.upi.com/News_Photos/view/upi/65aa8e45dd8bd6d3a44bce47f75aa339/South-LA-Physician-Finds-Workarounds-to-Distribute-Vaccines-Equitably/

https://www.upi.com/News_Photos/view/upi/67c76da477ba3f11655bf08993fada15/South-LA-Physician-Finds-Workarounds-to-Distribute-Vaccines-Equitably/

https://www.upi.com/News_Photos/view/upi/7a8dbdd2f0310ae5d9a2e8c5465e98ef/South-LA-Physician-Finds-Workarounds-to-Distribute-Vaccines-Equitably/

https://www.upi.com/News_Photos/view/upi/157fdaeccd96dda161e31f5bb54bb791/South-LA-Physician-Finds-Workarounds-to-Distribute-Vaccines-Equitably/

https://www.upi.com/News_Photos/view/upi/b1c08fdd6e0bd82a22ede75b9538a87d/South-LA-Physician-Finds-Workarounds-to-Distribute-Vaccines-Equitably/

UNITE HERE LOCAL 11 | Local 11 Members in LACounty Eligible for COVID-19 Vaccine

<https://www.unitehere11.org/vaccine-appointment>

UCLA EPIDEMIOLOGY | Grant Submission Video for Data Volunteers

<https://vimeo.com/518877474/47a0af2a26>

KEDREN 03.24.21 | Vaccine Program Volunteers Celebration: The Little Kedren That Could

<https://youtu.be/GQbU393oRco>

STATE OF CALIFORNIA VACCINATE ALL 58 04.21.21 | ‘A Shot of Faith’ Town Hall

https://youtu.be/eIB1xKF7_Mw

ALAMY STOCK PHOTOS | Kedren Vaccines

<https://www.alamy.com/search/imageresults.aspx?imgt=0&qt=kedren+vaccines+jerry+abraham>

GETTY IMAGES | Kedren Vaccines

<https://www.gettyimages.com/photos/kedren?family=editorial&phrase=kedren&sort=mostpopular#licensing>

SHUTTERSTOCK IMAGES | Kedren Vaccines

<https://www.shutterstock.com/editorial/search/kedren>

Dear South Coast AQMD,

My name is Sharon Williams, I am a double-board certified physician in Allergy & Immunology and Internal Medicine. I am also a Fellow of the American College of Allergy and Immunology. I was a Microbiology major in undergrad, and completed my medical school training at University of Arizona College of Medicine-Tucson. I then went on to complete residency at St. Mary's/Harbor-UCLA Medical Center in Internal Medicine, and subsequently completed my fellowship in Allergy & Immunology at the University of California, Irvine. I have a broad clinical focus in areas of asthma, seasonal and perennial aeroallergens, chronic sinusitis, occupational allergy/respiratory disease, atopic eczema, and adult immunodeficiencies. I have published in peer-reviewed journals on immunodeficiency, asthma, and drug allergy. Due to these accomplishments and overlapping interests, I believe I am qualified for a position as Hearing Board Member with South Coast AQMD. As an Allergist & Immunology, as well as former microbiologist, studying air pollution and treating patients who are suffering from it as well as finding strategies to mitigate it is part of my daily job. I am applying for the Hearing Board Medical Member position for South Coast AQMD as an opportunity to apply my education and background in air quality to help guide implementation of clean air quality in southern California. My hobbies include running, going to the beach, and spending time with family and friends.

Thank you for your consideration.

Sincerely,

Sharon Williams

SHARON WILLIAMS, MD, FACAAI



EDUCATION

<i>Fellowship</i>	University of California, Irvine Allergy & Immunology Irvine, CA	2016-2018
<i>Residency</i>	St. Mary Medical Center/Harbor-UCLA Internal Medicine Residency Program Long Beach, CA	2013-2016
<i>Internship</i>	St. Mary Medical Center/Harbor-UCLA Internal Medicine Residency Program Long Beach, CA	2013-2014
<i>Doctor of Medicine</i>	University of Arizona College of Medicine Tucson, Arizona	2009-2013
<i>Bachelor of Science Minor of Arts</i>	Arizona State University, Tempe, AZ Bachelor of Science, Microbiology Minor of Arts, Religious Studies Tempe, AZ Summa Cum Laude	2005-2008

LICENSURE/CERTIFICATIONS

Medical Board of California, Physician and Surgeon License, active	11/2014 - current
Arizona Medical Board, Physician License, active	05/2020- current
Florida Board of Medicine, Telehealth Medical Doctor, active	02/2021- current
West Virginia Board of Medicine, Telehealth, active	12/2021- current
DEA Registration	2014- current
USMLE Step1, USMLE Step 2 CK, USMLE Step 2 CS, and USMLE Step 3	Completed
Diplomate, American Board of Internal Medicine, participating in MOC	Active
Diplomate, American Board of Allergy and Immunology, participating in MOC	Active

ACADEMIC HONORS AND AWARDS

UCLA Solomon Scholar Research Award, UCLA David Geffen Internal Medicine Residency	2015
Patient Advocate Award St. Mary Medical Center/Harbor-UCLA Internal Medicine Residency	2014
Distinction in Community Service Award, Commitment to Underserved People University of Arizona, College of Medicine	2009-2013
Leadership and Outreach Award, University of Arizona College of Medicine	2011
Graduated <i>Summa Cum Laude</i>, Arizona State University	2007

PROFESSIONAL/WORK EXPERIENCE

Sharon Williams MD, Private Practice, North Tustin	Nov 2020 - current
Rhonda Myers MD PhD, Allergist & Immunologist, Private Practice, Irvine, CA	Jan 2020 - Nov 2020
Allergy & Asthma Care Center, Allergist & Immunologist, Group Practice, Long Beach, CA	Jul 2018 - Dec 2019

PROFESSIONAL MEMBERSHIPS

Fellow of American College of Allergy, Asthma, & Immunology	2016- current
Clinical Immunology Society	03/2018- current
American Contact Dermatitis Society	05/2018- current
American Academy of Allergy, Asthma, & Immunology	2016- 2020
Los Angeles Society of Allergy, Asthma& Clinical Immunology	2014- 2018
American College of Physicians	2013-2016
American Medical Association	2013-2016

PUBLICATIONS/PRESENTATIONS

Journal of Allergy and Clinical Immunology: In Practice. “*Successful rapid desensitization to intravenous bevacizumab using a 14-step protocol: case report*” Sharon Williams, M.D., Amrita Khokhar, M.D., Asal Gharib, M.D., J Allergy Clin Immunol Pract. 2017 Nov - Dec;5(6):1746-1747. doi: 10.1016/j.jaip.2017.04.043. Epub 2017 Jun 9

American Academy of Allergy, Asthma, and Immunology Poster Session “*IgA Monoclonal Gammopathy of Undetermined Significance (MGUS) in a Young Woman With Selective IgM Deficiency,*” Sharon Julie Williams, M.D., Sudhanshu Agrawal M.S, Sudhir Gupta M.D., Ph.D., M.A.C.P., presented April 2017.

Archivum Immunologiae et Therapiae Experimentalis, “*Anaphylaxis to IVIG,*” Sharon Julie Williams, M.D., Sudhir Gupta, M.D., Ph.D., MACP, Arch Immunol Ther Exp (Warsz). 2017 Feb;65(1):11-19. doi: 10.1007/s00005-016-0410-1. Epub 2016 Jul 13.

Annals of Allergy, Asthma, and Immunology, “*Dynamic Airway Collapse—A Frequently Misdiagnosed Asthma Mimicker*” Varaz Bozoghlian, M.D., Sharon Williams, M.D., Heba Ismail, M.D., and Ravi Gutta, M.D., Ann Allergy Asthma Immunol. 2016 Jan;116(1):87-8. doi: 10.1016/j.anai.2015.10.023. Epub 2015 Nov 17.

“**Reconstitution of IgG Subclasses Following Immunoglobulin Therapy in CVID and Hypogammaglobulinemia**”, with mentor Sudhir Gupta, M.D., Ph.D., M.A.C.P., under investigation/chart review since August 2017.

LA County Inter-City Infectious Disease Scholarly Activity Presentation at Harbor-UCLA and St. Mary Medical Center, “*A Case of Cerebral Malaria,*” Sharon Williams, M.D., Chester Choi, M.D., MHA, MACP, December 2015.

UCLA Solomon Scholars, “*Refractory Asthma and the ‘Frown Sign,*” Sharon Julie Williams, MD, Varaz Bozoghlian, MD, Ravi Gutta, MD, June 2015.

American College of Physicians, “*Photograph Negative Eosinophilia,*” Sharon Williams, M.D, Ronnie Alas, M.D., Mohsen Rofoogaran, D.O., Ravi Gutta, M.D., October 15, 2014.

Los Angeles Society of Allergy, Asthma & Clinical Immunology, “*A Rare Culprit of DRESS Syndrome,*” Sharon Williams, M.D., Ravi Gutta, M.D., Sept 27, 2014

CLINICAL RESEARCH TRIALS

03/2019-12/2019 **Phase 3 Multi-Center, Long-Term Extension Study Investigating the Efficacy and Safety of Abrocitinib, With or Without Topical Medications, Administered to Subjects Aged 12 Years and Older with Moderate to Severe Atopic Dermatitis (B7451015).** Sub-Investigator: Sharon Williams, MD. Pharmaceutical sponsored study: Pfizer

03/2019-12/2019 **Phase 3 Randomized Withdrawal, Double-Blind, Placebo-Controlled, Multi-Center Study Investigating the Efficacy and Safety of PF-04965842 in Subjects Aged 12 Years and Over, with Moderate to Severe Atopic Dermatitis with the Option of Rescue Treatment in Flaring Subjects (B7451014).** Sub-Investigator: Sharon Williams, MD. Pharmaceutical sponsored study: Pfizer

LECTURES

Intranasal Steroids Use for Nasal Polyps, Veterans Affairs Long Beach Medical Center, Allergy	2018
Chronic Urticaria, UC Irvine, Allergy & Immunology	2017 & 2018
Cytokines and Cytokine Receptors, UC Irvine, Basic & Clinical Immunology	2017
Monocytes and Macrophages, UC Irvine, Basic & Clinical Immunology	2017
Journal Club, Hyper-IgM Syndrome, UC Irvine, Basic & Clinical Immunology	2017
Journal Club, Xolair in Moderate - Severe Asthma, UC Irvine, Allergy & Immunology	2018
Fellowship Planning Day, Department of Medicine UCI	2017
Contact Dermatitis, UC Irvine, Allergy & Immunology	2016
Neutrophils: Development, UC Irvine, Basic & Clinical Immunology	2016
Tumor Immunity Lecture at UC Irvine, Basic & Clinical Immunology	2017
Drug Allergy, Internal Medicine Case Conference at Veterans Affairs Long Beach Medical Center	2017

PROFESSIONAL SERVICE

Department of Medicine Committee , St. Mary Medical Center	2014-2016
Pharmacy, Therapeutics, Infection Control, & Patient Safety Committee , St. Mary Medical Center	2014-2016
Quality Improvement Committee , UC Irvine Medical Center	2016-2018
Regarding IVIG dosing, Epinephrine pen education, Contact Dermatitis Patch testing handouts, Hand Hygiene control measures, and Influenza Vaccination	
Patient Safety Committee , UC Irvine Medical Center	2016-2018

VOLUNTEER EXPERIENCE/EXTRACURRICULAR ACTIVITIES

Shubitz Clinic for Uninsured, Patient Care , University of Arizona College of Medicine	2009-2013
Women's Clinic for Uninsured, Patient Care , University of Arizona College of Medicine	2009-2013
Wesley Clinic for Uninsured, Patient Care , University of Arizona College of Medicine	2011-2013
MedSET teaching underprivileged students, Volunteer , University of Arizona	2009-2011
Healer's Art Course , University of Arizona College of Medicine	2010
Organic Chemistry Tutor, Arizona State University , Tempe, Arizona	2007
Patient Care Level 1 Trauma Center , Scottsdale Healthcare Osborn Hospital	2006-2007
Patient Services in Oncology Department , Scottsdale Healthcare Shea Hospital	2006-2007

RESEARCH

<i>Dr. Tatiana Ugarova, Ph.D</i>	Center for Metabolic and Vascular Biology	2007-2008
	Supported by National Institute of Health Arizona State University, Tempe, Arizona. Research on Integrin receptor $\alpha\text{D}\beta\text{2}$ which plays a Role in chronic inflammation, to help further understand the inflammatory nature of metabolic syndrome and proliferation of adipose tissue via adipocyte precursors	

BOARD MEETING DATE: December 1, 2023

AGENDA NO.

PROPOSAL: Appropriate Funds, Issue Solicitation and Purchase Orders to Meet Operational Needs for Rule 1180 Community Air Monitoring Program

SYNOPSIS: In June 2018, the Board created the Rule 1180 Special Revenue Fund to establish and maintain a community air monitoring network near refineries. The FY 2023-24 budget for this program includes approximately \$4.6 million in annual fees from refineries for community air monitoring. These actions are to appropriate funds to Monitoring and Analysis' FY 2023-24 and/or FY 2024-25 Budget, and issue a solicitation and purchase orders to meet operational needs of the Rule 1180 Community Air Monitoring Program.

COMMITTEE: Administrative, November 9, 2023; Recommended for Approval

RECOMMENDED ACTIONS:

1. Appropriate up to \$610,000 from the General Fund Undesignated (Unassigned) Fund Balance for Rule 1180 activities to Monitoring and Analysis' FY 2023-24 and/or 2024-25 Budget (Org 42) Capital Outlays (up to \$330,000) and Services and Supplies (up to \$280,000) Major Objects, as indicated in Tables 1 and 2;
2. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue sole source purchase orders for the following items as listed in Tables 1 and 2, and described in this letter:
 - a. Up to three gas dilution systems from Teledyne Advanced Pollution Instrumentation (Teledyne) in an amount not to exceed \$45,000;
 - b. One Aethalometer from Sonoma Technologies, Inc. (STI) in an amount not to exceed \$35,000;
 - c. Installation of an optical table from Thorlabs, Inc. (Thorlabs) in an amount not to exceed \$5,000;
 - d. Up to 11 mirror replacements and spectrometers upgrades for optical multi-pollutant analyzers from FluxSense, Inc. (FluxSense) in an amount not to exceed \$220,000;
 - e. Annual consumables supply from Tricornntech Corporation (Tricornntech) for the operation of automated gas chromatography (auto-GC) systems at Rule 1180 community air monitoring stations in an amount not to exceed \$200,000; and

- f. Annual data quality assurance services from Tricorntech for validating data from auto-GC systems in an amount not to exceed \$80,000.
3. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue a contract or purchase order, as deemed appropriate, with vendor(s) selected from South Coast AQMD's List of Prequalified Vendors in an amount up to \$25,000 for one Linux server and support hardware as shown in Table 1.

Wayne Natri
Executive Officer

JCL:AP:OP:ld:ir:kd

Background

Rule 1180 - Refinery Fenceline and Community Air Monitoring was adopted by the Board in December 2017 and requires the seven major refineries in the Basin to measure levels of various air pollutants at their fenceline. Rule 1180 also established a fee schedule to fund community air monitoring stations developed and operated by South Coast AQMD to provide air quality information to the public about the potential impact of refinery emissions in their communities. In FYs 2017-18 and 2018-19, the Board recognized revenue in two installments of \$2,145,390 and \$5,005,907, respectively, into the Rule 1180 Special Revenue Fund (78) for the installation of community air monitoring stations near refineries. Beginning January 2020, pursuant to Rule 301 - Permitting and Associated Fees, the refineries also started funding annual operating and maintenance costs totaling \$4,682,087 in FY 2023-24 for refinery-related community air monitoring programs near the following refineries:

- Tesoro Refining & Marketing Company, LLC, Carson;
- Tesoro Refining & Marketing Company, LLC, Wilmington;
- PBF Energy, Torrance Refining Company, Torrance;
- Chevron Products Company, Chevron El Segundo Refinery, El Segundo;
- Phillips 66 Company, Carson;
- Phillips 66 Company, Wilmington; and
- Valero Energy Corporation, Valero Wilmington Refinery, Wilmington

The Rule 1180 refinery fenceline and community air monitoring network began operation in January 2020. To satisfy the Rule 1180 air monitoring requirements, novel optical remote sensing, optical multi-pollutant analyzers, auto-GC and traditional analyzers have been deployed at fenceline and community air monitoring sites, making this monitoring network the first of its kind in terms of complexity and technologies deployed.

In addition, per Health and Safety Code section 47205.6, the district shall design, develop, install, operate, and maintain refinery-related community air monitoring systems.

Proposal

This action is to appropriate from prior year Rule 1180 fee revenue savings up to \$610,000 from the General Fund Undesignated (Unassigned) Fund Balance for Rule 1180 activities to MAD's FY 2023-24 and/or 2024-25 Budget (Org 42) Capital Outlays Major Objects and Services & Supplies Major Objects, as indicated in Tables 1 and 2.

Proposed Purchases through Sole Source

Gas Dilution Systems

Three gas dilution systems will be utilized for quality assurance, equipment verification, and equipment replacement purposes. Teledyne gas dilution systems are uniquely specialized to support the Rule 1180 community air monitoring operations. These gas dilution systems are currently deployed at all other Rule 1180 community air monitoring sites, therefore providing compatibility and continuity between all stations. The cost for up to three (3) Teledyne gas dilution systems will not exceed \$45,000.

Aethalometer

One aethalometer will be utilized for quality assurance and/or equipment replacement purposes. Aethalometers manufactured by Aerosol Magee Scientific are currently deployed at all Rule 1180 community air monitoring sites, therefore providing compatibility and continuity between all stations. The cost for one aethalometer from STI (authorized distributor for Aerosol Magee Scientific) will not exceed \$35,000.

Optical Table Installation

In June 2022, the Board authorized the purchase of an optical table, which was purchased from Thorlabs. This proposal would add funds for the installation of the table in the Rule 1180 laboratory space located in the Long Beach Office. The cost of the installation of the optical table from Thorlabs will not exceed \$5,000, as listed in Table 1.

Mirror Replacement and Spectrometer Add-on

Optical multi-pollutant analyzers manufactured by FluxSense are deployed at all Rule 1180 community air monitoring sites to measure VOCs and other air toxics on a comprehensive list of pollutants. Data produced by these analyzers is also used to issue Rule 1180 community air quality notifications. The analytical mirrors need replacement because there is substantial degradation of the mirror coating, which is impacting instrument performance. FluxSense's newly developed dielectric coated mirrors have been designed to last longer and improve overall instrument performance. Additionally,

FluxSense developed a hardware add-on to the spectrometer system that would allow further improvement of instrument performance for selected compounds. FluxSense is the only provider of these items due to the use of proprietary technology and their unique expertise. The cost of mirror replacements and spectrometer add-on from FluxSense will not exceed \$220,000, as listed in Table 1.

Annual Consumable Supplies and Annual Data Quality Assurance Services for Gas Chromatography Systems

Auto-GC systems manufactured by Tricorntech are deployed at all Rule 1180 community air monitoring sites to measure VOCs and other air toxics on a comprehensive list of pollutants. Consumables and routine maintenance components are required to ensure routine uninterrupted performance of all auto-GCs currently in operation. Additionally, data quality assurance service is required to ensure the validity and accuracy of the data generated by the auto-GCs. Tricorntech is the only provider of all these items due to the use of proprietary technology and the vendor's unique expertise. The cost of annual consumable supplies and annual data quality assurance services from Tricorntech will not exceed \$200,000, and \$80,000, respectively, as listed in Table 2.

Proposed Purchase through Solicitation to Prequalified Vendors

Linux Server

The advanced optical multi-pollutant analyzers deployed at Rule 1180 community monitoring sites collect massive amounts of raw spectroscopic data in addition to reporting final air pollutant concentrations. This raw data can be used for further analysis and for data quality assurance/quality control purposes. The purchase of a dedicated Linux server will allow additional data storage, processing, and analysis capabilities. This action is to execute contract(s) or purchase order(s) with vendor(s) selected from South Coast AQMD's List of Prequalified Vendors for a Linux server and associated support hardware in an amount not to exceed \$25,000, as listed in Table 1.

Sole Source Justification

Section VIII.B.2 of the Procurement Policy and Procedure identifies four major provisions under which a sole source award may be justified. The request for sole source purchases from Teledyne, STI, Thorlabs, FluxSense, and Tricorntech are made under Sections VIII.B.2.c (1): The unique experience and capabilities of the proposed contractor; VIII.B.2.c (2): The project involves the use of proprietary technology; and VIII.B.2.d (6): Projects requiring compatibility with existing specialized equipment. There are no other vendors who can provide this equipment and supplies meeting all required specifications and that are compatible with existing specialized equipment already in operation.

Benefits to South Coast AQMD

Funding for the implementation of Rule 1180 will allow South Coast AQMD to fulfill the community air monitoring requirements of its Rule 1180 program, which will result in benefits to environmental justice communities and others working and residing in the Basin near refineries. In addition, the district must fulfill the requirements of Health and Safety Code section 47205.6, which requires the district to design, develop, install, operate, and maintain refinery-related community air monitoring systems.

Resource Impacts

Sufficient funding is available in the Undesignated (Unassigned) Fund Balance from Rule 1180 prior year budget savings to support the activities outlined in this Board letter.

Attachments

Table 1: FYs 2023-24 and/or 2024-25 Proposed Capital Outlays Expenditures for Rule 1180

Table 2: FYs 2023-24 and/or 2024-25 Proposed Services and Supplies Expenditures for Rule 1180

Table 1
FYs 2023-24 and/or 2024-25
Proposed Capital Outlays Expenditures for Rule 1180

Description	Qty	Appropriation from Prior Year's Budget Savings	Procurement Method
Gas Dilution Systems	Up to 3	\$45,000	Sole Source
Aethalometer	1	\$35,000	Sole Source
Installation of Optical Table*	1	\$5,000	Sole Source
Mirror Replacement and Spectrometer Add-on*	Up to 11	\$220,000	Sole Source
Linux Server*	1	\$25,000	Solicitation to Prequalified Vendors
Total		Up to \$330,000	

*Expenditures may be appropriated as Capital Outlays or Services and Supplies Major Object, as warranted.

Table 2
FYs 2023-24 and/or 2024-25
Proposed Services and Supplies Expenditures for Rule 1180*

Description	Appropriation from Prior Year's Budget Savings	Procurement Method
Annual Consumable Supplies for Automated Gas Chromatography Systems	\$200,000	Sole Source
Quality Assurance Services for Gas Chromatography Systems	\$80,000	Sole Source
Total	Up to \$280,000	

*Expenditures may be appropriated as Services and Supplies or Capital Outlays Major Object, as warranted.

BOARD MEETING DATE: December 1, 2023

AGENDA NO.

PROPOSAL: Transfer and Appropriate Funds, Issue Solicitations and Purchase Orders for MATES VI

SYNOPSIS: Since 1987, South Coast AQMD has conducted five MATES to evaluate air toxics health risks in South Coast AQMD's jurisdiction. MATES VI measurements for a wide range of air toxics are anticipated to begin the first half of 2025. The collected data will be used to conduct air toxics modeling and quantify health impacts. These actions are to transfer up to \$5,024,725 from the Clean Fuels Program Fund to the General Fund for the MATES VI program, and appropriate funding to the Monitoring & Analysis and Planning, Rule Development, and Implementation divisions' budgets over FY 2023-24 through FY 2027-28 as needed. These actions are also to issue solicitations and purchase orders to support the goals and objectives of MATES VI.

COMMITTEE: Administrative, November 9, 2023; Recommended for Approval

RECOMMENDED ACTIONS:

1. Transfer up to \$5,024,725 from the Clean Fuels Program Fund (31) to the General Fund (01) to support the MATES VI program;
2. Appropriate up to \$5,024,725 from the Undesignated (Unassigned) Fund Balance to the Monitoring & Analysis Division (MAD) and Planning, Rule Development, and Implementation (PRDI) budgets to procure additional resources needed to complete MATES VI on an as-needed basis at any time over the period of FY 2023-24 through FY 2027-28, as shown in the Attachment;
3. Authorize the Executive Officer, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue a solicitation for a tire and brake wear study, in an amount not to exceed \$850,000;
4. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue sole source purchase orders for the following as listed in the Attachment and described in this letter:
 - a. Up to four condensation particle counters from TSI, Inc. in an amount not to exceed \$140,000;
 - b. Up to three aethalometers from Magee Scientific in an amount not to exceed \$120,000;
 - c. One Xact 625i multi-metal monitor from SailBri Cooper, Inc. in an amount not

- to exceed \$165,000;
- d. Up to three Xact 625i switching inlet systems from SailBri Cooper, Inc. in an amount not to exceed \$48,000;
 - e. Up to three continuous monitors for ethylene oxide from Aerodyne Research, Inc. in an amount not to exceed \$660,000;
 - f. Up to two continuous monitors for ammonia from Picarro, Inc. in an amount not to exceed \$180,000;
 - g. Up to two gas chromatograph mass spectrometer (GC-MS) instruments from Agilent Technologies in an amount not to exceed \$380,000; and
 - h. Up to four GC-MS canister autosamplers from Entech Instruments in an amount not to exceed \$88,000;
5. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue "Prior Bid, Last Price" purchase orders, cooperative agreement or solicitation(s) as needed and, based on results, issue purchase orders for the following items, as set forth in the Attachment and described in this letter:
- a. Up to three monitoring shelters in an amount not to exceed \$270,000;
 - b. Up to two vehicles in an amount not to exceed \$190,000; and
 - c. Up to three zero air generators in an amount not to exceed \$42,000;
6. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue solicitations and purchase orders for the following through a solicitation process, as set forth in the Attachment and described in this letter:
- a. One GC-MS thermal desorption system in an amount not to exceed \$175,000;
 - b. Up to 16 air toxics samplers in an amount not to exceed \$300,000;
 - c. Up to two gas dilution systems in an amount not to exceed \$60,000; and
 - d. One Linux computational server system in an amount not to exceed \$150,000;
7. Authorize the Procurement Manager, in accordance with South Coast AQMD's Procurement Policy and Procedure, to issue solicitations and purchase orders in an amount not to exceed \$532,250 for various tools and flow devices, instrument refurbishment maintenance and repair, laboratory and field supplies, silanized canisters, Linux storage, and supplementary laboratory services, as set forth in the Attachment.

Wayne Natri
Executive Officer

Background

MATES is a Governing Board environmental justice initiative that started back in 1987 with MATES I. South Coast AQMD previously conducted five MATES campaigns to characterize the concentration of airborne toxic compounds within the South Coast AQMD jurisdiction and to determine the region-wide cancer risks associated with major airborne carcinogens. However, as each successive MATES campaign builds on the previous work, each iteration added additional goals and objectives and employed more sophisticated measurement and modeling techniques. Results of MATES are used to provide public information about air toxics and associated health risks throughout the region, evaluate progress in reducing air toxics exposure, and provide direction to future toxics control programs. Previous MATES campaigns have also identified unknown air toxics sources and have been critical in the interpretation of data from special air toxics monitoring studies in communities throughout the region. MATES continues to be the most sophisticated regional air toxics analysis conducted in the nation, taking advantage of the extensive air quality monitoring, modeling, and analysis expertise and resources at the agency.

South Coast AQMD has initiated MATES VI and will begin measurements beginning in 2025. Similar to previous MATES campaigns, South Coast AQMD staff has convened a Technical Advisory Group (TAG) to provide technical guidance in the design of the study. The group includes experts from academia, health agencies, and government. MATES VI field measurements will be conducted over a one-year period at ten fixed sites to evaluate air toxics levels. MATES VI monitoring is being extended to the Coachella Valley for the first time. In addition, two of the ten monitoring locations will be sited adjacent to freeways to capture near-road air toxics impacts. MATES VI will also include measurements of ultrafine particle (UFP) and black carbon (BC) concentrations, which can be compared to the UFP and BC levels measured in MATES IV and MATES V, continuous measurement of metals, some of which are chemical tracers for non-exhaust vehicular emissions, and measurement of ammonia, a key precursor to PM_{2.5} formation in the region. Currently South Coast AQMD operates only one ammonia monitor in Coachella Valley and more measurements as part of MATES VI can help better understand the sources of ammonia across South Coast AQMD's jurisdiction. While MATES VI is focused on air toxic impacts, these ammonia measurements and particle speciation measurements will provide additional information about the sources and composition of PM_{2.5}, which will assist in the design of control strategies to attain federal PM_{2.5} standards.

In addition to the fixed site monitoring, MATES VI will include a special study to characterize emissions of ethylene oxide (EtO) in ambient air and at the near-road sites to assess the contribution of vehicular emissions to background EtO concentration levels. The TAG will assist with the overall design of this study, and a scope and project plan for this part of the MATES VI campaign will be developed through the TAG meetings.

South Coast AQMD already possesses some of the monitoring and laboratory equipment needed for MATES VI. However, additional instrumentation and replacement, repair, and calibration of some older equipment is required to complete all the proposed measurements and can be used after MATES VI for additional studies, special investigations, or community monitoring. Laboratory and field supplies are also needed to conduct MATES VI. In addition to equipment and supply needs, temporary staffing is necessary to meet the additional workload associated with MATES VI, as well as contractor support services for conducting tire-wear marker study, and to support study design, data analysis, and review.

Proposal

This action is to transfer and appropriate up to \$5,024,725 to the MAD and the PRDI budgets over FY 2023-24 through FY 2027-28 to purchase the necessary equipment and supplies, and retain temporary staff for the MATES VI program. A list of resource needs is detailed in the Attachment.

Solicitation

Tire and Brake Wear Study

Information about the chemical composition of tires and brakes used in commercial light and heavy-duty vehicles is instrumental to determine which measurements should be conducted to attribute PM mass and gas phase markers to these sources.

Measurements of these species require specialized instrumentation and expertise. This action is to issue a solicitation from qualified vendor(s), research lab(s) or educational institution(s) to assist with study design, sample analysis, provide access to database of brake and tire composition, and/or interpret measurement data. This information will be used to quantify the contribution of tire and brake wear towards ambient PM levels. Therefore, this action is to authorize the Executive Officer to issue a solicitation for a tire and brake wear study for an amount not to exceed \$850,000.

Proposed Sole Source Purchase Orders

Condensation Particle Counters

The MATES VI campaign will include the measurement of UFPs, which will allow for an evaluation of trends in UFP levels since MATES IV. Since the majority of the number of particles in the atmosphere is in the ultrafine mode, counting the number of atmospheric particles provides a good indicator of ultrafine particle levels. The most common method for determining ambient particle number concentrations is to use Condensation Particle Counters (CPCs). CPCs currently are deployed at existing near-road and AB 617 community monitoring stations, but additional CPCs are needed for MATES VI. Therefore, this action is to authorize the Procurement Manager to issue a sole source purchase order with TSI, Inc. for an amount not to exceed \$140,000 for the purchase of up to four CPCs.

Aethalometers

Aethalometers are monitors that measure BC, which can be used to help estimate diesel particulate matter. Aethalometers are currently deployed at existing near-road and AB 617 community monitoring stations but additional aethalometers are needed for MATES VI. Therefore, this action is to authorize the Procurement Manager to issue a sole source purchase order with Magee Scientific for an amount not to exceed \$120,000 for the purchase of up to three aethalometers.

Xact 625i Multi-Metal Monitor

MATES VI will include novel continuous measurement of air toxic metals. The main sources of non-exhaust vehicular emissions that contribute to road dust are tire, brake and clutch wear, road surface wear, and other vehicle and road degradation. Measurement of metals provides better understanding regarding these non-exhaust vehicular sources to regional air toxic levels across South Coast AQMD's jurisdiction. Xact 625i multi-metal monitors already have been deployed in Environmental Justice communities under the AB 617 program, but an additional one is needed for a near-road site. Therefore, this action is to authorize the Procurement Manager to issue a sole source purchase order with SailBri Cooper Inc. for an amount not to exceed \$165,000 for the purchase of one Xact 625i monitor.

Xact 625i Switching Inlet Systems

The Xact 625i monitor requires the switching inlet system to be able to measure the metal content of both PM10 and PM2.5. The measurements at both size ranges can provide additional information about the potential sources of the measured air toxic metals. Therefore, this action is to authorize the Procurement Manager to issue a sole source purchase order with SailBri Cooper Inc. for an amount not to exceed \$48,000 for the purchase of up to three Xact 625i switching inlet systems to conduct particulate metal measurements.

Continuous Monitors for Ethylene Oxide

Aerodyne Research, Inc. developed a continuous monitor based on Tunable Infrared Laser Direct Absorption Spectroscopy (TILDAS) for direct measurements of EtO in real- and near-real time. When operated under ideal conditions, this instrument can achieve a detection limit for EtO close to typical background levels measured in the Basin using canister sampling followed by laboratory analysis (method TO-15A). This instrument has high sensitivity, has demonstrated field performance in the Basin with minimal data loss, and can be integrated easily with one of South Coast AQMD's mobile platforms for air toxic measurements (also developed by Aerodyne Research, Inc). Aerodyne's TILDAS-FD-SC-L1 would be used to obtain near-road and community-based measurements as part of MATES VI for an assessment of EtO diurnal variation which would be more difficult using sampling and laboratory analysis techniques. The approximate cost for one TILDAS-FD-SC-L1 and associated equipment is \$220,000. Therefore, this action is to authorize the

Procurement Manager to issue a sole source purchase order with Aerodyne Research, Inc. for an amount not to exceed \$660,000 for the purchase of up to three continuous monitors for ethylene oxide.

Continuous Monitors for Ammonia

MATES VI will also include the measurement of ammonia. Regional emission inventories are suspected to underestimate real-world ammonia emissions. This is mainly because emission contributions from motor-vehicles, biomass burning (e.g., wildfires and prescribed fires), dairy farms, agricultural fields, and atmospheric processes are still not fully characterized. Although ammonia isn't classified as an air toxic, it is recognized for causing both short-term and long-term respiratory health issues. Therefore, this action is to authorize the Procurement Manager to issue a sole source purchase order with Picarro, Inc. for an amount not to exceed \$180,000 for the purchase of up to two continuous monitors for ammonia.

Gas Chromatograph Mass Spectrometer Instruments

The laboratory currently has two gas chromatograph mass spectrometers (GC-MS) systems that are used for the measurement of ambient level gaseous air toxics. One of these instruments is approximately twenty years old and its reliability has been steadily declining. To ensure timely analysis of gaseous toxic samples collected in MATES VI, in particular for detection of toxic compounds at low concentrations, it is necessary to replace this GC-MS. Also, the laboratory has a need to expand its capability and analyze for additional semi-volatile organic compounds that are known to be associated with vehicular tire wear. This capability does not exist in the laboratory currently, and the analyses of these compounds will aid in evaluating any potential contributions of tire wear to overall risk as well as provide additional air toxics that the laboratory can identify and measure. This action is to authorize the Procurement Manager to issue a sole source purchase order with Agilent Technologies for up to two GC-MS instruments for an amount not to exceed \$380,000.

GC-MS Canister Autosamplers

The laboratory has a need for up to four additional canister autosamplers for existing gas chromatograph mass spectrometers. These autosamplers will allow for increased analytical throughput for the analysis of ambient level gaseous air toxics. This action is to authorize the Procurement Manager to issue a sole source purchase order with Entech Instruments for an amount not to exceed \$88,000 for up to four GC-MS canister autosamplers.

Proposed Purchase through “Prior Bid, Last Price” or Solicitation Process

Monitoring Shelters

MATES VI is expected to include measurements at near-road and ambient monitoring stations. Three monitoring shelters are required to expand the existing near-road and

ambient monitoring stations to accommodate additional instrumentation and equipment. The estimated cost for up to three monitoring shelters is \$270,000. The purchase will be made by “Prior Bid, Last Price” or through a solicitation process, as needed, followed by issuance of a purchase order.

Proposed Purchases through a Solicitation Process, “Prior Bid, Last Price” or Cooperative Agreement

Vehicles

There is a need to replace up to two of the older high-mileage vehicles. This will help with the installation of air monitoring equipment at all ten sites in preparation for MATES VI. These additional vehicles are also necessary to perform routine and non-routine calibration, maintenance, and repair of air monitoring equipment throughout this study. Staff proposes to purchase two ZEV’s (truck or van) to support field activities related to MATES VI for an amount not to exceed \$190,000. The vehicles will be selected through a solicitation process, “Prior Bid, Last Price” or Cooperative Purchasing Agreement. ZEV’s are available from vendors through cooperative purchasing under the State of California, Department of General Services, Procurement Division, and Alternative Fueled Vehicles Contract 122-23-23 A through I. These advanced technology vehicles will be assigned to field maintenance technicians and will be used for MATES VI, while supporting the agency’s commitment to use zero-emission technologies, where feasible.

Zero Air Generators

Zero air generators are necessary to deliver contaminant-free air required for the operation of air monitoring equipment in support of MATES VI measurements. The purchase will be made by “Prior Bid, Last Price” or through an informal solicitation, if necessary, as allowed by the South Coast AQMD’s Procurement Policy and Procedure. The estimated cost for up to three zero air generators is \$42,000.

Proposed Purchase Through a Solicitation Process

GC-MS Thermal Desorption System

The laboratory has a need to expand its capability to analyze semi-volatile organic compounds (SVOCs) that are known to be associated with vehicular tire wear. Analysis of SVOCs will be performed using an EPA TO-17 based methodology and will aid in evaluating potential contributions of tire wear. This action is to authorize the Procurement Manager to release a solicitation, and based on the results, issue a purchase order for one GC-MS thermal desorption system for an amount not to exceed \$175,000.

Air Toxics Samplers

Air toxics samplers for measuring VOCs, carbonyls, and metals are in need of replacement. Therefore, this action is to authorize the Procurement Manager to release a solicitation, and based on the results, issue purchase orders for up to 16 air toxics

samplers to measure VOCs, carbonyls, and metals for an amount not to exceed \$300,000.

Gas Dilution Systems

Up to two gas dilution systems are needed for the preparation of lower concentration standards to support the analysis of air toxics gases. Each toxic compound analyzed on the GC-MS requires calibration against standards at varying concentrations which must be prepared using gas dilution systems. Currently the laboratory does not have gas dilution systems to prepare calibration standards from multiple standards. This action is to authorize the Procurement Manager to release a solicitation, and based on the results, issue purchase orders for up to two gas dilution systems for an amount not to exceed \$60,000.

Linux Computational Server System

Emissions inventory and cancer risk estimation require a high-speed multi-processor performance Linux computing system and storage space due to large quantities of data and computations needed to meet the level of analysis performed for MATES VI. For example, on-road mobile source emissions processing alone requires multiple computational units to run continuously over several weeks. In addition, the process needs to be repeated for other sources of emissions as well. Chemical transport modeling and tracking specific sources of emissions demand several orders of magnitude more computational resources. MATES VI modeling analysis will utilize state-of-the art air quality model, sensor/transponder/satellite-based data to evaluate and improve the modeling performance. A comprehensive high performance computing server system is critical to cope with the ever-increasing computational demand of such state-of-the art computation tool and database. This action is to authorize the Procurement Manager to release a solicitation process, and based on the results, issue a purchase order for one Linux Computational Server System for an amount not to exceed \$150,000.

Outreach

In accordance with South Coast AQMD's Procurement Policy and Procedure, a public notice advertising the solicitations and inviting bids will be published in the local newspapers to leverage the most cost-effective method of outreach to South Coast AQMD's jurisdiction. Additionally, potential bidders may be notified utilizing South Coast AQMD's own electronic listing of certified minority vendors. Notice of the RFQ\RFP will be emailed to the Black and Latino Legislative Caucuses and various minority chambers of commerce and business associations and placed on South Coast AQMD's website (<http://www.aqmd.gov>) where it can be viewed by making the selection "Grants & Bids."

Sole Source Justification

Section VIII, B.2 of the Procurement Policy and Procedure identifies four major

provisions under which a sole source award may be justified. The request for sole source purchases of the CPCs, aethalometers and Xact 625i multi-metal monitor, and switching inlet system are made under Section VIII.B.2.c(2): The items are available from only one source, and the project involves the use of proprietary technology. TSI is the only manufacturer of water-based CPCs in the United States whose products have a long history of scientific evaluation and testing. Various CPC models have been extensively evaluated by South Coast AQMD staff over the past several years for the purpose of choosing the most appropriate instrument for long-term, unattended UFP measurements in studies such as MATES. The aethalometers are similarly available from only one distributor, Magee Scientific. No other manufacturer or distributor sells a “seven-channel” BC monitor with similar technical specifications and pricing, as it involves the use of proprietary technology. The Xact 625i is the only field x-ray fluorescence instrument that offers an Automated Data Analysis Plotting Toolset (ADAPT) package to analyze the measurements of over 40 different metals in ambient particles in real-time. The ADAPT package includes the hardware for on-site meteorological measurement and intuitive software which is accessed in the field or remotely through the onboard computer. The software platform generates multiple graphical reports in near real-time over user selected time periods to deliver insights on the temporal and directional variability trends of the measured metals. The metal data provided by the Xact 625i is critical to satisfying the goals and objectives of MATES VI. In addition, the Xact 625i monitors require the switching inlet system to be able to measure the metal content of both PM10 and PM2.5. The measurements at both size ranges can provide additional information about the potential sources of the measured air toxic metals. SailBri Cooper Inc. is the only manufacturer of the Xact 625i multi-metal monitor and switching inlet system.

The request for sole source purchases for continuous monitors for ethylene oxide and for ammonia from Aerodyne Research, Inc. and Picarro, Inc., respectively, are made under Section VIII.B.2.c(1)(2): The unique experience and capabilities of the contractor or contractor team, and the project involves the use of proprietary technology. The Aerodyne instrument is the only portable continuous monitor for ethylene oxide with a demonstrated capability of detecting concentrations of EtO near regional background levels on a continuous basis, with minimal instrument downtime. This continuous monitor for ethylene oxide is exclusively sold through Aerodyne Research, Inc. The Picarro instrument is the only continuous monitor for ammonia that provides a combination of portability and demonstrated capability for unattended long-term measurements of ammonia at background levels with minimal instrument downtime. This continuous monitor for ammonia is exclusively sold through Picarro, Inc.

The request for sole source purchase of the GC-MS instruments and the GC-MS canister autosamplers are made under Section VIII.B.2.d(6): Projects requiring compatibility with existing specialized equipment. Agilent Technologies is the

manufacturer and supplier of the GC-MS systems currently used by South Coast AQMD to implement the NATTS program and used for analysis of samples for the ethylene oxide investigations. This system has been demonstrated to meet stringent TO-15A requirements, which are needed. Staff are trained on the use, repair, and maintenance of this equipment, facilitating cross-training and interoperability. Consistency and compatibility amongst these GC-MS' are critical to meeting the operational needs of the agency. The autosamplers manufactured by Entech Instruments are the only autosampler units compatible with the five Entech pre-concentrators operated by the laboratory.

Benefits to South Coast AQMD

The MATES studies conducted by South Coast AQMD provide essential information on air toxics levels in the South Coast AQMD's jurisdiction and present a unique opportunity to evaluate long-term trends in air toxics and their health impacts. South Coast AQMD continues to work toward reducing air toxics emissions through supporting cleaner technologies (including cleaner diesel technologies), rulemaking to address toxic emissions from mobile and stationary sources, and implementing air toxics monitoring and enforcement initiatives. The MATES VI program complements these efforts and provides information to track progress on reducing air toxics in the region along with the identification of sources contributing to the air pollution health risk.

Resource Impacts

Staff is requesting to transfer a total of up to \$5,024,725 from the Clean Fuels Program Fund (31) to be used on an as-needed basis over FYs 2023-24 through FY 2027-28 to cover the cost of resources shown in the Attachment. Section 40448.5(e) of the California Health and Safety Code provides that "when considering which clean fuels projects to promote, South Coast AQMD shall consider, among other factors potential effects on public health, ambient air quality, visibility within the region, and other factors determined to be relevant by South Coast AQMD." MATES VI will help establish an emissions baseline and toxic air contaminant risks for mobile sources, from which the benefits of clean fuel programs can be calculated.

The activities paid for by these funds are very closely related to emissions from mobile sources. Results from MATES V indicate that after scaling by cancer potency, about 88 percent of the carcinogenic air toxics emissions are attributed to mobile sources, with the remainder attributed to toxics emitted from stationary sources which include large industrial operations such as refineries and power plants, as well as smaller businesses such as gas stations and chrome plating facilities. Diesel exhaust, primarily emitted by mobile sources, accounted for approximately 50 percent of the total estimated air toxics risk, based on the MATES V monitoring data.

MATES VI will provide an update on the impact of mobile emission sources on air

toxic exposure. The study will provide additional information for South Coast AQMD staff to promote clean fuel projects that will advance the commercialization of clean mobile source technologies.

Attachment

Proposed Resources for MATES VI

**Attachment
Proposed Resources for MATES VI***

Description	Org Unit	Qty	Major Objects	Procurement/ Contracting Method	Unit Cost	FY 2023-24 through FY 2027-28 Estimated Expenditures
Tire and Brake Wear Study Contract	PRDI	---	Services & Supplies	RFP	---	\$850,000
Condensation Particle Counters	MAD	Up to 4	Capital Outlay	Sole Source	\$35,000	\$140,000
Aethalometers	MAD	Up to 3	Capital Outlay	Sole Source	\$40,000	\$120,000
Xact 625i Multi-Metal Monitor	MAD	1	Capital Outlay	Sole Source	\$165,000	\$165,000
Xact 625i Switching Inlet Systems	MAD	Up to 3	Capital Outlay	Sole Source	\$16,000	\$48,000
Continuous Monitors for Ethylene Oxide	MAD	Up to 3	Capital Outlay	Sole Source	\$220,000	\$660,000
Continuous Monitors for Ammonia	MAD	Up to 2	Capital Outlay	Sole Source	\$90,000	\$180,000
GC-MS Instruments	MAD	Up to 2	Capital Outlay	Sole Source	\$190,000	\$380,000
GC-MS Canister Autosamplers	MAD	Up to 4	Capital Outlay	Sole Source	\$22,000	\$88,000
Monitoring Shelters	MAD	Up to 3	Capital Outlay	'Prior Bid, Last Price' or Solicitation	Varies	\$270,000
Vehicles	MAD	Up to 2	Capital Outlay	'Prior Bid, Last Price' or Solicitation	\$95,000	\$190,000
Zero Air Generators	MAD	Up to 3	Capital Outlay	'Prior Bid, Last Price' or Solicitation	Varies	\$42,000
GC-MS Thermal Desorption System	MAD	1	Capital Outlay	RFQ	\$175,000	\$175,000
Air Toxic Samplers	MAD	Up to 16	Capital Outlay	RFQ	Varies	\$300,000
Gas Dilution Systems	MAD	Up to 2	Capital Outlay	RFQ	\$30,000	\$60,000
Linux Computational Server System	PRDI	1	Capital Outlay	RFQ	\$150,000	\$150,000
Various Tools and Flow Devices	MAD	---	Services & Supplies	---	---	\$45,000

*Expenditures may be appropriated as Capital Outlays or Services and Supplies Major Object, as warranted.

Attachment (continued)
Proposed Resources for MATES VI*

Description	Org Unit	Qty	Major Objects	Procurement/ Contracting Method	Unit Cost	FY 2023-24 through FY 2027-28 Estimated Expenditures
Instrument Refurbishment, Maintenance, and Repair	MAD	---	Services & Supplies	---	---	\$45,000
Laboratory and Field Supplies	MAD	---	Services & Supplies	---	---	\$350,000
Silanized Canisters	MAD	Up to 30	Services & Supplies	---	\$1,000	\$30,000
Additional Linux Storage	PRDI	1	Services & Supplies	---	\$15,000	\$15,000
Supplementary Laboratory Analysis	MAD	Varies	Services & Supplies	---	Varies	\$47,250
Temporary Services	MAD	5	Services & Supplies	---	Varies	\$645,000
Mileage	MAD	45,000	Services & Supplies	---	\$0.655	\$29,475
					Total	\$5,024,725

*Expenditures may be appropriated as Capital Outlays or Services and Supplies Major Object, as warranted.

BOARD MEETING DATE: December 1, 2023

AGENDA NO.

PROPOSAL: Transfer and Appropriate Funds and Execute Sole Source Contract to Upgrade the Fire Life Safety System at Headquarters Building

SYNOPSIS: South Coast AQMD's headquarters building periodically requires upgrades to its building infrastructure systems and equipment. This action is to transfer and appropriate \$720,000 from the Infrastructure Improvement Fund (Fund 02) to Administrative and Human Resources' FY 2023-24 Budget, Capital Outlays Major Object, and to approve a sole source contract with National Fail Safe to upgrade the building's fire life safety system. The current system was installed in 1991 with the construction of the building.

COMMITTEE: Administrative, November 9, 2023; Recommended for Approval

RECOMMENDED ACTIONS:

1. Transfer and appropriate \$720,000 from the Infrastructure Improvement Fund (Fund 02) to Administrative and Human Resources' FY 2023-24 Budget, Capital Outlays Major Object, Capital Outlays account; and
2. Authorize the Executive Officer to execute a sole source contract with National Fail Safe, in an amount not to exceed \$720,000, to upgrade the fire life safety system in the South Coast AQMD headquarters building.

Wayne Nastri
Executive Officer

AJO:BR:VL

Background

Built in 1991, South Coast AQMD's Diamond Bar headquarters building periodically requires repairs and upgrades to its operational and infrastructure systems and equipment. The current fire life safety system in use in the building is the original, first-generation system installed during construction. The system consists of a central monitoring and control panel that communicates with the smoke detectors, pull-stations, annunciators, and equipment control relays. When a fire condition is identified, the fire life safety system activates audible and visual alarm signals, shuts down the air distribution system, and secures fire doors for containment.

After more than 30 years in service, the existing field devices have outlived their expected life cycle. Long-term planning, routine inspections and maintenance, and annual testing have sustained the fire life safety system's longevity.

Proposal

National Fail Safe designed, engineered, and installed the current fire life safety system. The company has continued to provide maintenance and emergency repairs to the system. National Fail Safe's extensive knowledge of the system and building infrastructure will allow for a phased upgrade and replacement process.

The proposed upgrade will provide for the latest generation of detection devices to be installed, which will increase communication speed and reliability, as well as enhance critical data storage and analytics. In addition, upgraded control panels will integrate with the building energy management systems, enabling remote monitoring and detailed alarm notifications.

Sole Source Justification

Staff recommends authorizing the Executive Officer to execute a sole source contract with National Fail Safe to upgrade the fire life safety system. Section VIII.B.2 of the Procurement Policy and Procedure identifies four major provisions under which a sole-source award may be justified. For the fire life safety system, the request for sole source contract with National Fail Safe is made under Sections VIII.B.2.b: Public health or property may be endangered by delay; VIII.B.2.c(1): The unique experience and capabilities of the proposed contractor or contractor team; and VIII.B.2.d(6): Projects requiring compatibility with existing specialized equipment.

Resource Impacts

The Infrastructure Improvement Special Revenue Fund (Fund 02) was established for capital outlay building-related improvement projects. Staff requests an appropriation of \$720,000 from Fund 02 to Administrative and Human Resources' FY 2023-24 Budget, Capital Outlays Major Object, Capital Outlays account.