



SCAQMD

*Cleaning
the air
that we
breathe...*

ADVISOR

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HEALTH & AIR QUALITY

Study Suggests Link Between Air Pollution and Autism

By Norma Boster, Student Intern

Air pollution not only influences your health, but may also affect the health of future generations as new research suggests links between pregnant women breathing polluted air to an increased risk of autism in their children.

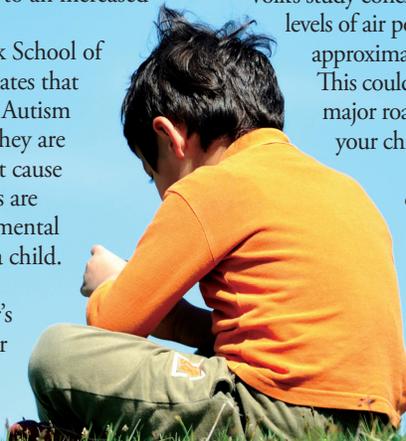
Research by Dr. Heather Volk and others at the Keck School of Medicine of the University of Southern California indicates that air pollution may be a risk factor in the development of Autism Spectrum Disorders (ASDs) in children— even before they are born. ASDs are a group of developmental disorders that cause deficits in social interactions and communication. ASDs are complex because they have both biological and environmental components that increase the chances of developing in a child.

Air pollution may affect brain development while a child is in utero. Volk collected data from each mother's environment one year before giving birth through their child's first year of life. The study was controlled for

outside variables, such as socioeconomic status, education level, race, and ethnicity.

Volk's study concludes that mothers who live in areas with the highest levels of air pollutants, like particulate matter (PM) and ozone, were approximately two times more likely to have a child with an ASD. This could mean, for example, that if you live in a home next to a major road, even if you live in a city with relatively clean air, then your child's risk of developing an ASD may increase.

This study adds to a growing body of research on the link between exposure to air pollution in utero and adverse health effects. The South Coast Air Quality Management District (SCAQMD), has funded several studies on these issues, including one ongoing study examining the connection between air pollution exposure of women during pregnancy and respiratory disease in their children.



SCAQMD Launches New Latino Outreach Initiative

By Monika Kim, Student Intern

In July, SCAQMD launched a new Spanish-language Latino outreach initiative aimed at increasing awareness of the region's air quality problem and informing Latino residents on what they can do to help reduce air pollution.

The initiative uses the message "Aire limpio. Hazlo por ti, hazlo por ellos," (Clean air. Do it for you. Do it for them.) to encourage individuals to help reduce air pollution not only for themselves, but also their families.

SCAQMD worked closely with alPunto Advertising, a Latino-based advertising agency, to design and implement a comprehensive outreach campaign concentrating on getting the message out to Spanish-speaking Latinos through various media including radio, television and the Internet. In addition, ad placards were placed on transit buses operating in San Bernardino and Orange counties. SCAQMD will also participate in two major Latino festivals in October -- the Educate Univision Fair at CalState Dominguez Hills and Festival Cardenas at the Fontana Speedway.

SCAQMD has a history of implementing outreach programs geared toward raising awareness and advocating personal involvement among various ethnic groups in the South Coast Air Basin. In 2010 and 2011, SCAQMD executed outreach initiatives targeting the African-American, Chinese-American and Korean-American communities.

For more information, contact Sam Atwood at (909) 396-3456 or satwood@aqmd.gov.





Study Shows Women in Green Economy have Higher Earnings than Other Women

A recent study reveals that women working in the green economy have higher earnings than other women in equivalent positions, and that the gender wage gap in green jobs is lower than in the economy overall.

The report, *Quality Employment for Women in the Green Economy*, by the Institute for Women's Policy Research, found that in the green economy women's estimated median earnings for full-time work are higher than in the overall economy (\$38,486 compared to \$35,574), and the gender wage gap from 2008-2010 was lower at 18% compared to a 22% gender wage gap in the overall economy.

According to the report, in California, women held just 30% of all green jobs in the state for the two year period ending in 2010. This resulted in a 16% "green jobs gender gap" which was 2% lower than the national average. California ranks 13th out of all states and the District of Columbia in the green gender gap, meaning the 13th narrowest disparity between men's and women's earnings in green jobs.

As a continuing sponsor of the Women in Green forums held annually in Los Angeles, SCAQMD is doing its part to promote opportunities for women in the green economy. This year's forum, held August 28, was the largest international conference series for women in environmental careers. It brought together environmental leaders ranging from corporate sustainability officers and academic researchers to technology developers and environmental policymakers.

For more about the 4th Annual Women in Green forum go to womensingreenforum.com.

HEALTH & AIR QUALITY

Breathmobiles Cross the Region Serving Asthma Patients

By Norma Boster, Student Intern

Out of a 34-foot-long recreational vehicle, the Breathmobile® program, which started with partial funding from SCAQMD, sets up and delivers treatment and provides education to children with allergies, asthma, or symptoms of asthma. Ten Breathmobiles® now travel to communities throughout the South Coast region to serve children from low-income earning families.

Breathmobile® teams work hard to deliver quality care and education to every patient. Each serves more than 2,500 children per year, with many serving the parents and siblings of the children as well. Each Breathmobile® visits approximately 25 schools and returns to each location every 6-8 weeks, to ensure that the patients receive ongoing care and support.

In addition, Breathmobiles® participate in health fairs and other

community events.

In addition to other duties they hold in the hospitals that partner to provide the Breathmobile® services, the physicians, nurses, and patient care workers who staff each vehicle spend much of their time coordinating site visiting and caring for their patients.

There are five Breathmobiles® at Los Angeles County+University of Southern California Medical Center, two at Children's Hospital of Orange County, one at Mattel Children's Hospital at UCLA, and two at Arrowhead Regional Medical Center in Colton.

According to Stacey Skura Zedeck, a nurse aboard the UCLA Breathmobile®, on the day they visit a school, the children (along with their parents or guardians) check in at the driver's desk, which serves as a nurse's station. A nurse, like Skura Zedeck, takes the patient's vital signs, height and weight measurements, conducts allergy skin tests, and performs a lung function test, known as a spirometry test. The children then see a doctor, who takes a full medical history, arrives at a diagnosis, and may prescribe medications if the condition warrants. The nurse is also responsible for the educational component, explaining to the patient how and when to use medications and devices.

Skura Zedeck speaks to the transformative power of the Breathmobile® program as she recalls her favorite aspect of being a nurse. "When kids first come into the Breathmobile® clinic, they are usually in pretty bad shape," she said. "They make regular trips to ER's and can't play sports in school. However, after receiving treatment from the Breathmobile®, they are able to participate in all activities like other kids," and lead a healthier life.

The Breathmobile® program is managed and coordinated by the California Chapter of the Asthma and Allergy Foundation of America (AAFA). Due to its success, on September 1st the California Chapter of AAFA changed its name to the American Breathmobile Association (ABMA) and will make the Breathmobile® program the main focus of its work going forward. The ABMA will work to increase funding, identify and develop additional areas of service, and put more Breathmobiles® on the road across the nation.

For more information, please visit www.breathmobile.org or call 323-937-7859.



TraPac Air Filtration Project Cleaning Air in Local Schools

A \$5.4 million project administered by SCAQMD to clean the air inside schools near the Port of Los Angeles has been moving forward steadily since work began in December 2012.

The effort, known as the TraPac Air Filtration Project, seeks to clean ultrafine particulate matter (PM) from classroom air from outside sources such as motor-vehicle emissions, goods movement to and from the ports, power plants, and other sources. The air filtration technologies used have an average removal efficiency of 90% of ultrafine PM in classrooms. Children, who spend nearly 30% of their school day in classrooms, are especially susceptible to asthma, lung inflammation, allergies and other chronic respiratory symptoms that result from breathing polluted air.

IQAir North America, the vendor and installer of the equipment, has completed work at 26 schools in Phase I of the project, with two schools remaining. Work will begin soon on Phase II of the project to install air filtration systems in up to 14 more schools.

SCAQMD led a successful pilot study in 2008 that included installing air filtration in three elementary schools in Carson and Long Beach. That study demonstrated the effectiveness of air filtration technologies in removing ultrafine PM from the indoor air of classrooms. Based on the success of the pilot study and its work implementing air filtration systems in other local schools, SCAQMD was approached by NRDC and the TraPac Appellants to administer the TraPac Air Filtration project.

For more information on SCAQMD air filter projects, contact Patricia Kwon at pkwon@aqmd.gov or (909) 396-3065.



SCAQMD Summer Interns Learn By Doing

By Michelle Cirrito, Student Intern

SCAQMD hosted a new crop of summer interns this year, providing the students with an educational experience that exposed them to every aspect of the region's clean air agency. The 41 Governing Board interns, who range in age from 15 to 29

years old, include high-schoolers, undergraduates, and graduate students. They were spread across SCAQMD's departments where they undertook projects ranging from data research to public outreach.

The interns were selected to

participate in the summer program by members of the SCAQMD Governing Board. This is the program's 14th year. While the internships vary in length, most interns work an average of two months each.

Encouraged to be extremely hands-on, many interns were assigned projects particular to their area of interest. Julie Zovak, an intern in the Legislative & Public Affairs division, said what she enjoyed most about her internship was "learning about the level of interaction between the District and

the members of the community. Air quality is not just a technical, scientific issue, it is a complicated one that involves discussion and collaboration so that we can improve the area we call home."

Interns' projects included creating videos, revamping collateral materials, creating activities targeted toward elementary school audiences, compiling reports of greenhouse gas emissions, working on rules, and helping draft orders for abatement and memoranda dealing with various legal issues.



50,000 Lawn Mowers Replaced Through Lawn Mower Exchange Program

By Louis Penna III, Student Intern

With the exchange of another 4,000 mowers this year, SCAQMD has achieved a major milestone by replacing 50,000 air-polluting gasoline lawn mowers in the South Coast Air Basin with highly efficient, clean air-friendly electric models. This landmark was achieved in the 11th year of SCAQMD's Electric Lawn Mower Exchange Program.

Residents within SCAQMD's four-county jurisdiction brought their gasoline-powered mowers to one of four separate events held throughout the Southland from May through July. Participants' old mowers were scrapped and destroyed in exchange for the discounted purchase of brand new cordless, rechargeable electric mowers. Residents chose from one of five Black & Decker or Greenstation models priced at up to 75 percent off the sticker price.

Exchanges were made hassle free. Upon registering online or by phone, participants never had to leave the comfort of their car as their old mower was unloaded, drained of fluids, and swapped with a new, still in-the-box, electric mower.

Lighter, quieter, and easier to operate than their gasoline-powered counterparts, electric mowers are completely emission free. Conversely, one gasoline-powered mower can have the same yearly air pollution impact as a car that drives over 22,000 miles.

Registration for SCAQMD's 2014 Lawn Mower Exchange Program begins next spring. Visit aqmd.gov for updates and information.



2013 SCAQMD Governing Board Summer Interns Came From the Following Schools and Colleges

Arcadia High School
Cal Lutheran University (Thousand Oaks, CA)
Cal Poly Pomona
Cal State Fullerton
Cal State Long Beach
Cal State San Bernardino
Chaffey College (Rancho Cucamonga, CA)
Colby College (Waterville, ME)
Desert Christian Academy (Bermuda Dunes, CA)
Diamond Bar High School
Georgetown University
Golden West Community College (Huntington Beach, CA)
Loyola High School (Los Angeles, CA)
Loyola Marymount University
Maranatha High School (Pasadena, CA)

Northern Arizona University
Oakwood University (Huntsville, AL)
Pepperdine University
Saint Vincent College (Latrobe, PA)
South Pasadena High School
Stanford University
Troy High School (Fullerton, CA)
University of California, Berkeley
University of California, Irvine
University of California, Los Angeles
University of California, Riverside
University of Southern California
Walnut High School
Westridge School for Girls (Pasadena, CA)
Whittier College

Leaf Blower Exchange Program Returns

By Elizabeth Knarr, Student Intern

The SCAQMD Annual Leaf Blower Exchange Program is scheduled to return this fall. The Leaf Blower Exchange Program is an opportunity for professional landscapers and gardeners operating within SCAQMD's four-county jurisdiction to trade in an old leaf blower for a new low-emission and low-noise model at a significant discount.

Since the program began in 2006, more than 10,300 blowers have been exchanged for low-polluting models, reducing over 350 tons of pollutants annually.

This fall, 1,500 new clean models will be available for purchase at approximately 50 percent of their original retail cost. To subscribe to receive an email notification about the upcoming Leaf Blower Exchange Program, visit aqmd.gov/listserver/list.aspx.

For more information, contact Shashi Singeetham at ssingeetham@aqmd.gov or (909) 396-3298.



Upcoming **EVENTS**

SCAQMD regularly provides air quality information at community events held throughout the region. Some of these upcoming events, which help inform the public about air quality and the things they can do to make a difference, include:

San Bernardino Chamber of Commerce's Rendezvous Back to Route 66
 Friday & Saturday, September 20-21, 2013
 2:00 p.m. - 10:00 p.m. Friday
 8:00 a.m. - 4:00 p.m. Saturday
 San Manuel Baseball Stadium

SEPTEMBER 20 & 21

City of Santa Clarita's 19th Annual River Rally - River Clean-Up & Environmental Expo
 Saturday, September 21, 2013
 8:00 am - 11:00 am
 Newhall Community Center
 22421 Market St.
 Santa Clarita, CA 91321

SEPTEMBER 21

Arrowhead Regional Medical Center's 11th Annual Health and Safety Fair
 Saturday, October 19, 2013
 10:00 am - 2:00 pm
 Arrowhead Regional Medical Center
 400 North Pepper Avenue
 Colton, CA 92324-1819

OCTOBER 19

Radio Stations Will Help You Check Before You Burn

By *Monika Kim, Student Intern*

The Check Before You Burn program occurs annually during the fall and winter months when fine particulate levels reach unhealthy levels. From November 1 to the end of February, SCAQMD issues mandatory no-burn alerts which notify residents in affected areas not to burn wood or manufactured fireplace logs in their fireplaces or outdoor fire pits. A typical Southland winter may experience 15 to 20 no-burn days.

This year, SCAQMD has partnered with local CBS radio stations to promote the Check Before You Burn program. Daily air quality alerts will air each morning at 7:09 a.m. on KFWB News Talk 980, 7:11 a.m. on KNX 1070 NEWSRADIO, and 7:15 a.m. on KTWV (94.7 The WAVE). During November through February, the stations will also announce no-burn days when they are in effect. The campaign also includes online ads on the CBS Los Angeles local and weather webpages.

This is the fourth year of the Check Before You Burn program, which began as a voluntary program in 2010.

SCAQMD's Check Before You Burn program is a key element in the agency's strategy for achieving the federal health-based standard for PM2.5. On a typical winter day, the Southland's estimated one million fireplaces emit 10 tons per day of PM2.5, equivalent to seven times the emissions from all power plants in the region.

For more information, contact Tracy Goss at (909) 396-3106 or tgoss@aqmd.gov.



Upgraded SCAQMD Smartphone Apps Released



In an ongoing effort to keep the public informed and up to date, SCAQMD has released an updated version 3.0 of its smartphone app for the iPhone and a new Android version 1.0 which make it even easier to connect with clean air.

The app will continue to offer all of the same content as the previous version, including the location of refueling stations for alternative fuel vehicles.

The new version, which uses less memory, also provides quicker real-time air quality information for communities throughout the Southland, as well as the capability to set your location preference, and to directly receive major air quality alerts.

To download the app, go to the Apple App Store or Google Play.



The South Coast Air Quality Management District presents the

25th Annual Clean Air Awards Luncheon



Dr. Philip Fine Named to Oversee Monitoring & Analysis



SCAQMD recently named Dr. Philip Fine as the new Assistant Deputy Executive Officer for Monitoring & Analysis in the agency's Science & Technology Advancement Office.

Prior to his promotion, Fine oversaw the development of the most recent Air Quality Management Plan, as well as the groups responsible for particulate matter control, meteorology and forecasting, emissions reporting,

health risk assessments, climate programs and many other tasks. In his new role, he is responsible for overseeing ambient air monitoring, source testing and laboratory analyses.

The air monitoring network is composed of over 35 stations across the agency's jurisdiction. Fine is also responsible for special air monitoring projects focusing on air toxics, air monitoring technologies, and local air pollution impacts.

Fine received his Ph.D. from the California Institute of Technology in Environmental Engineering Science and his bachelor's degree in Mechanical Engineering and Materials Science & Engineering from the University of California, Berkeley. He also serves as SCAQMD's member for the California Air Resources Board legislatively mandated Research Screening Committee.



New Training Video for Gas Station Owners and Operators

Escaping gasoline vapors from gas station operations can be toxic for individuals to breathe. The vapors contribute to the formation of ground-level ozone, an air pollutant which can cause serious health effects, especially for kids, seniors, and other sensitive groups. That is why gas stations must install special air pollution control equipment to prevent vapor loss.

To provide gas station owners, operators, and employees with guidance on the proper operation of this equipment, and to explain what happens when an SCAQMD inspector visits a gas station, SCAQMD has produced a short informational video.

The 10-minute film, "Retail Gas Station Inspection Process: Proper Maintenance and Operation" explains the basic requirements for maintaining and operating a retail gasoline dispensing facility to minimize air emissions and to comply with SCAQMD rules. The film is posted on the SCAQMD website at aqmd.gov and on SCAQMD's YouTube Channel at youtube.com/user/SouthCoastAQMD.

For a free copy of the video, or for further information, please call the Service Station Hotline at (909) 396-3546.



SCAQMD Hosts Workshops for Auto Body Shops

In August, SCAQMD hosted workshops for auto body refinishing and auto repair shops in Boyle Heights and San Bernardino. More than 70 auto body and auto repair shop representatives attended the workshops, where they received training from industry experts on the use of laser-guided paint targeting equipment and other techniques to improve paint transfer efficiency. Attendees also had the opportunity to examine aqueous brake washing systems. After completing the workshop and training, participants received the new equipment free of charge.

In addition to benefitting air quality, the new equipment will also save shops money. Improved transfer efficiency means less paint is wasted. The aqueous brake washing systems replace aerosol cans and are a less expensive way to clean brakes during repairs.

The SCAQMD workshops were funded by the U.S. Environmental Protection Agency's Targeted Air Shed Grant Program to help reduce air pollution and toxic emissions in the nation's most polluted areas.



We invite you to attend the Silver Anniversary of SCAQMD's **Clean Air Awards Luncheon**, to honor the individuals, organizations, communities and businesses that have helped improve air quality throughout our region through innovation, leadership and personal environmental commitment. Because of their contributions, our air is cleaner, our families are healthier, and the more than 16 million people across our region are breathing easier.

Friday, October 4, 2013
11:30 am
Millennium Biltmore Hotel
 506 South Grand Ave.
 Los Angeles, CA 90071

Individual Tickets \$40 | Table of Ten \$400

For information or to obtain tickets contact (909) 396-2221 or e-mail caawards@aqmd.gov



Rule Update

The following proposed amended rules and regulations are tentatively scheduled for hearings at upcoming Governing Board meetings. To verify scheduling or whether changes have occurred, visit the SCAQMD website at www.aqmd.gov/hb/gb_cal95.html and check the Rules and Control Measure item on the Governing Board meeting agenda or call the Clerk of the Board's Office at (909) 396-2500.

Copies of SCAQMD rules and regulations can be downloaded at aqmd.gov/rules/rulesreg.html or obtained from SCAQMD's Public Information Center at (909) 396-2039.

October

Rule 1168 – Adhesive and Sealant Applications

Amendments to Rule 1168 will partially implement the stationary source control measure for coatings and solvents, CTS-02, and reflect improvements in adhesive and sealants technology.

For more information, contact Naveen Berry at (909) 396-2363 or nberry@aqmd.gov.

Rule 1420 – Emissions Standard for Lead

Rule 1420.2 – Emissions Standard for Lead from Medium Sources

In October 2008, U.S. EPA lowered the National Ambient Air Quality Standard for lead from 1.5 to 0.15 ug/m³. Proposed Amended Rule 1420 and Proposed Rule 1420.2 will apply to lead sources and will include requirements to ensure the Basin meets the new lead standard.

For more information, contact Susan Nakamura at SNakamura@aqmd.gov or (909) 396-3105.

Rule 1410 – General Provisions and Requirements for Ports of Los Angeles and Long Beach

Rule 4020 – Backstop Requirements for Ports of Los Angeles and Long Beach

If triggered, the proposed rules will address cost-effective NO_x, SO_x, and PM_{2.5} emission reduction strategies from port-related sources to ensure maintenance of emission reductions claimed, or emission targets assumed, in SCAQMD's 2012 Air Quality Management Plan (AQMP).

For more information, contact Randall Pasek, at rpasek@aqmd.gov or (909) 396-2251.

Rule 1304.1 - Fees for New Source Review Exempt Equipment, Facilities and Processes

The proposed rule will establish an approach to assess fees for equipment, facilities, and processes currently exempted from the New Source Review Program offset requirements under Rule 1304, paragraph (a)(2).

For more information, contact Naveen Berry at nberry@aqmd.gov or (909) 396-2363.

November

Rule 1123 - Improved Start-up, Shutdown and Turnaround Procedures

This proposed rule will, if needed, implement Phase 1 of Stationary Source Control Measure MCS-03 of the 2012 AQMP by establishing procedures that better quantify emission impacts from start-up, shutdown or turnarounds of multiple component sources.

For more information, contact Naveen Berry at nberry@aqmd.gov or (909) 396-2363.

Rule 1146 - Emissions of Oxides of Nitrogen from Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters

Rule 1146.1 - Emissions of Oxides of Nitrogen from Small Industrial, Institutional, and Commercial Boilers, Steam Generators, and Process Heaters

Proposed amendments will address expected U.S. EPA comments on compliance issues.

For more information, contact Joe Cassmassi at jcassmassi@aqmd.gov or (909) 396-3155.

Rule 2305- Indirect Sources

Proposed Rule 2305 will identify approaches to reduce exposure to diesel particulate emissions and localized NO₂ emissions from facilities associated with large indirect sources (i.e., facilities that attract mobile sources).

For more information, contact Susan Nakamura at snakamura@aqmd.gov or (909) 396-3105.

Reg. XX - Regional Clean Air Incentives Market (RECLAIM)

Proposed amendments to Regulation XX will seek to implement a minimum contingency measure for combustion sources, CMB-01 of the 2012 AQMP, and possibly Phase II of the control measure if the technology assessment can be completed within the allotted time for this rulemaking.

For more information, contact Joe Cassmassi at jcassmassi@aqmd.gov or (909) 396-3155.

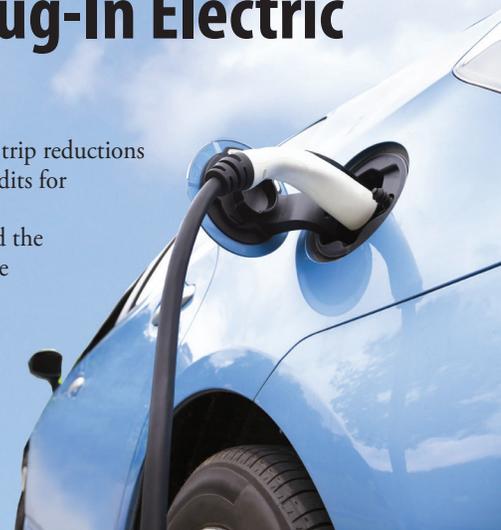
Rule 2202 Average Vehicle Ridership Plug-In Electric Vehicle Credits Available to Employers

Employers in the South Coast region who use an Average Vehicle Ridership (AVR) Survey to calculate trip reductions in the Rule 2202 – On-Road Motor Vehicle Mitigation Options program, may now claim survey credits for employees who commute to work in a Plug-In Hybrid Electric Vehicle (PHEV).

This credit is available to employers when the one-way commute trip distance between the worksite and the employee's residence is less than the PHEV's range on a charge, and the engine has not switched to gasoline operation. No partial credit is allowed.

During regular program audits SCAQMD inspectors will also request vehicle information from each employer to verify the PHEV status. As a response to the AVR survey, this adjustment would be entered as a trip to the worksite under the ZEV category.

Any employers who have questions or need additional information, can contact SCAQMD's Transportation Program Hotline at (909) 396-3271.



SCAQMD Governing Board Bids Farewell to Former Member

Jan PERRY



As a USC student in the mid 1970s, Jan Perry was well aware of the air pollution that burdens our region. On the way to school, “I would look north towards the mountains and I couldn’t see them, and look south towards the campus at USC and I couldn’t see it, and the sky was brown.” She recalls, “I had a lot of allergies during that period and my eyes were always burning.” In 2003, two years

after she began her public service career by being elected Councilmember for Los Angeles’ Ninth District, Perry was given the opportunity to join the fight for clean air. She was appointed to the SCAQMD Governing Board, first as a representative of the 25 Western cities of Los Angeles County and later as the sole representative of the City of Los Angeles.

Since then she has worked tirelessly to see that the primary goals of SCAQMD are pursued in a manner sensitive to community needs. She has supported significant funding commitments to replace and retrofit diesel school buses and to conduct research into possible links between air pollution and cancer. Perry was also an advocate for the expansion of SCAQMD’s environmental justice initiatives to enhance community involvement and access to the agency, and worked with SCAQMD to reduce emissions from oil and gas production facilities through improved maintenance requirements and a prohibition on the venting of oil field gas.

She leaves SCAQMD’s Governing Board after having served the maximum 12 years on the Los Angeles City Council. “I not only have loved what I have done at the SCAQMD, it’s been a pleasure to work with the people who serve there,” Perry said.

However, Perry’s lifelong commitment to the community continues. She has recently been named by Los Angeles Mayor Eric Garcetti as interim head of that city’s newly created Economic and Workforce Development Department.

Of her new position, she said it’s “an opportunity not only to put people back to work, but to train them for jobs in new technologies that are cleaner and healthier, and to help them live in a city that provides clean air for young people, seniors, and everyone.”

For a video of the interview with Jan Perry, go to aqmd.gov or download the SCAQMD Advisor app for the iPad at the Apple App Store.

Three New Managers in Engineering & Compliance

SCAQMD’s Engineering & Compliance Department now has three new managers overseeing its permitting programs: Mohan Balagopalan, Amir Dejbakhsh and Andrew Lee. Each now holds the title of Senior Air Quality Engineering Manager.

Engineering & Compliance is composed primarily of inspectors, engineers, and support staff organized into industry-specific teams that issue air quality permits, ensure compliance with those permits and other air quality mandates, work with businesses, and manage various permitting, compliance, and operations teams.

Mohan is managing permitting related to chemical, mechanical, ports and Title V industries. Amir oversees staff handling permitting of coatings, metal plating facilities, the military, aerospace industry, and the entertainment industry. Andrew manages permitting for the energy industry, waste management facilities, bulk terminals, and public services. All three have worked for SCAQMD for close to three decades. Mohan began as a data technician dealing with emission inventories in the agency’s former Colton office 28 years ago, while Amir and Andrew began their SCAQMD careers on the same day over 29 years ago. On that day in 1984, both Amir and Andrew were hired as Assistant Air Quality Engineers.

As a manager, Mohan looks forward to conducting site visits and learning the different processes in order to help industry comply with SCAQMD Rules and Regulations and further developing the knowledge of the permitting staff. Andrew’s goals are to “provide up-to-date information and expedient service to industry” and to provide his staff the necessary tools and training to be able to do their jobs “in an expeditious manner.”

One of Amir’s proudest accomplishments was the successful completion of the Permit Inventory Reduction Program in 2002 where temporary and permanent engineers (including both Amir and Andrew) were used to reduce a permitting backlog by 4,300 applications in less than a year. As a manager, Amir is eager to streamline SCAQMD’s permitting process to improve the turnaround even more. “The most interesting part of my job is working with a diverse group of dedicated staff with the mutual goal of cleaning the air,” he says.



Andrew LEE

Amir DEJBAKHSH

Mohan BALAGOPALAN



South Coast
AQMD

South Coast Air Quality Management District

21865 Copley Drive
Diamond Bar, CA 91765-4178

Address Service Requested



Briefly...

Rule Compliance Promotion Classes

Rule 403 – Controlling Dust in the South Coast Air Basin

• Every third Wednesday of the month. This half-day class is held at SCAQMD's Diamond Bar Headquarters from 8:30 a.m. to 11:30 a.m. There is no fee, but pre-registration is required. Class and registration information is available at aqmd.gov/aqmd/aqmd_training.htm under "Controlling Dust in the South Coast Air Basin (Rule 403)."

To register call toll free 1-866-DUST (3878) or e-mail: dustcontrol@aqmd.gov



Rule 403 & 401.1 – Controlling Dust in the Coachella Valley

• Every third Thursday of the month. This course is held from 1:00 p.m. to 4:30 p.m. at the Coachella Valley Association of Governments, Room 119, 73-710 Fred Waring Dr., Palm Desert, CA, 92260. There is no fee, but pre-registration is required. Class and registration information is available

at aqmd.gov/aqmd/aqmd_training.htm under "Controlling Dust Control in the Coachella Valley (Rule 403 & 403.1)" To register call toll free 1-866-861-DUST (3878) or email: dustcontrol@aqmd.gov



Rule 461- Gasoline Transfer and Dispensing

Daily Self-Inspection Class for Gasoline Service Station Owners/Operators - \$142.38 per person.

• Friday, November 8, 2013
Tester Orientation Training - \$148.14 per person.

• Friday, November 15, 2013
Annual Periodic Inspection Class for Gasoline Service Station Owners/Operators - \$155.83 per person.

• Friday, November 22, 2013
Classes are held from 8:00 a.m. – 5:30 p.m. at SCAQMD's Diamond Bar Headquarters. Pre-registration is required. No walk-in registrations. Class and registration information is available at aqmd.gov/aqmd/aqmd_training.htm under "Rule 461-Gasoline Transfer and Dispensing Compliance Assistance Classes." Contact Cynthia Lozano at (909) 396-3178 or email clozano@aqmd.gov for additional information and to register.

Rule 1403 – Asbestos Emissions from Demolition/Renovation Activities Class

• Wednesday, October 9, 2013
Classes are held from 8:00 a.m. – 1:00 p.m. at SCAQMD's Diamond Bar Headquarters (Room CC6). Registration fee is \$77.50 per person and pre-registration is required. Class and registration information is available at aqmd.gov/aqmd/aqmd_training.htm under "Rule 1403 - Asbestos Demolition and Renovation Compliance Assistance Class." To register, call (909) 396-2658 or email: doswald@aqmd.gov

Rule 2202 - Employee Transportation Coordinator (ETC) Training

• Wednesday, September 25, South Bay Environmental Services, Torrance
• Wednesday, October 9, SCAQMD Headquarters, Diamond Bar
• Wednesday, November 6, Courtyard by Marriott, Culver City
• Wednesday, November 20, SCAQMD Headquarters, Diamond Bar
Classes are held from 8:00 a.m. to 5:00 p.m. each day. Enrollment is limited to 20 students. Classes will be filled on a "first-come, first-served" basis. Pre-registration is required. Enrollment fee is \$160.75 per person. Class information is available at aqmd.gov/aqmd/aqmd_training.htm under "Rule 2202 - Employee Transportation Coordinator Training." To register, call (909) 396-2777 or e-mail etctraining@aqmd.gov

SCAQMD ADVISOR

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