



SCAQMD Announces Executive Reorganization

n June 24th, Wayne Nastri, SCAQMD's Acting Executive Officer, announced a reorganization of the executive staff to improve the agency's operational efficiency as well as its responsiveness to community and regulated interests. "This reorganization will help us improve our use of technology and make us more accountable to the public through increased transparency and efficiency," Nastri said.

Jill Whynot, previously the Assistant Deputy Executive Officer for Planning, Rule Development and Area Sources, has been named to the new position of Chief Operating Officer. In this capacity, she will oversee operational aspects of the agency and allocate available resources to best serve the needs of the agency. She will also assume responsibilities for overall development of succession planning and agency policies. Whynot has been with SCAQMD since 1989 and has served as the Assistant Deputy Executive Officer in Engineering & Compliance and as Director of Strategic Initiatives.

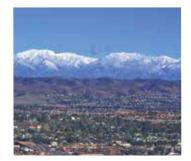
Michael O'Kelly, who previously served as SCAQMD's Chief Financial Officer, has assumed the newly formed position of Chief Administrative Officer. In this role, he will oversee the Finance, Information Management, and Administrative & Human Resources divisions at SCAQMD. Previously, O'Kelly served as Chief of Fiscal Services for the San Bernardino County Employees' Retirement Association.

What was previously the Engineering & Compliance division has been split into two separate divisions, the first is Engineering and Permitting and the second is Compliance and Enforcement. Laki Tisopulos, Ph.D., has been named as the Deputy Executive Officer of the Engineering and Permitting division and will have primary responsibility for the agency's permitting functions. Tisopulos, a licensed professional engineer, holds a doctorate and master's degree in chemical engineering from the University of Southern California. Tisopulos previously served as Assistant Deputy Executive Officer for Science and Technology Advancement and Assistant Deputy Executive Officer for the Planning, Rule Development and Area Sources division. A search will be conducted for a new Deputy Executive Officer to lead the Office of Compliance and Enforcement.

In addition, Derrick Alatorre, previously the Assistant Deputy Executive Officer for Legislative and Public Affairs, has been promoted to Deputy Executive Officer of the Legislative and Public Affairs division. In this capacity, he will be responsible for overseeing the agency's legislative activities locally, statewide and in Washington, D.C. Alatorre will also be responsible for the public outreach and environmental justice activities conducted by SCAQMD, as well as oversee the Media Office, which has become part of the Legislative and Public Affairs division.









Annual Clean Air Awards to be Held October 7th in Riverside





CAQMD will host its 28th Annual Clean Air Awards luncheon on Friday, October 7, 2016 at the Riverside Convention Center in Downtown Riverside. This is the first time in its history that the event will be held in the Inland Empire.

At the luncheon, individuals, businesses, organizations and government entities will be recognized for their commitment to improving the Southland's air quality. Awards will be presented in the categories of Innovative Clean Air Technology, Model Community Achievement, Clean Air Education and Outreach, Business Leadership in Air Quality, and Youth Leadership in Air Quality.

The Clean Air Awards honor those who have made outstanding strides toward clean air, while also encouraging and motivating those in their community to get involved, and to make clean air a priority.

Tickets are on sale for \$40 each, or \$400 for a table of ten. Visit *CleanAirAwards.com* to purchase tickets.

Putting their Mettle on the Pedal: Employees Ride on Bike to Work Day

n Wednesday May 18th, SCAQMD participated in national Bike to Work Week activities by sponsoring an annual Bike to Work event. Twentythree SCAQMD employees cycled to work for their health and environment. Riding in groups to SCAQMD's Diamond Bar headquarters, the cyclists averaged a travel distance of 14.63 miles; their routes ranged in length from 3.2 miles to an impressive 32.5 miles. Upon arriving at SCAQMD, the cyclists were treated to a welcome reception, including breakfast and participation prizes. Acting Executive Officer Wayne Nastri showed his support for the riders by presenting them with certificates of appreciation.









UCR Selected as Site for New CARB Southern California Test Lab

fter being located for more than 40 years in the City of El Monte, the California Air Resources Board (CARB) vehicle emissions testing laboratory is moving to the University of California-Riverside (UCR). The Arie Jan Haagen-Smit Lab is named after the California Institute of Technology professor who was known as the "father" of air pollution control because in the 1950s he was the first person to document the link between vehicle emissions and Southern California smog. His research led automotive manufacturers to install the first vehicle emissions controls, and he served as CARB's first chairman in 1968. The air board certifies new vehicles sold in California, and its scientists conduct more than 1,500 tests each year on vehicle emissions at its laboratory. CARB is moving the lab to a larger space so that it can test more vehicles, including heavy-duty trucks using advanced technologies. The tests cover everything from tailpipe emissions to vapors given off during refueling. CARB hopes to break ground at the new site in 2017 and move in by 2020.

SCAQMD Launches Targeted Outreach Initiative with Google

n late 2015, SCAQMD initiated a targeted outreach pilot program with Google to promote the agency's clean air efforts. The ads appear on websites based on a variety of factors such as search words, ZIP codes and other demographics. The web ads link the viewer to brief 45-second "pre-roll" videos on YouTube with information about SCAQMD and air quality issues.

Results of the highly successful pilot program led the agency's Governing Board to expand the program in 2016 as part of its outreach for various SCAQMD programs. The ads will promote a

variety of SCAQMD efforts with the first set of ads highlighting the agency's "Do One Thing" video and the Residential EV Charging Incentive Pilot Program.

As of late June, the current Google campaign had achieved more than 240 million impressions and more than 2.5 million interactions (either through clicks on ads or videos watched).

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

Environmental Justice Community Partnership Holds Workshops in South L.A. and Eastern Coachella Valley

n May, South Los Angeles and Eastern Coachella Valley residents had an opportunity to speak with SCAQMD about the air pollution affecting their communities, as part of two workshops hosted by the SCAQMD's Environmental Justice Community Partnership. The Partnership is a program that aims to strengthen the agency's relationships with environmental justice communities throughout the region.

For the South Los Angeles workshop, SCAQMD partnered with the nonprofit organization Healthy African American Families (HAAF). More than 80 residents participated and expressed their concerns with air pollution's effects on public health, while encouraging SCAQMD to identify further solutions to their problems.

In the Eastern Coachella Valley, SCAQMD partnered with local organizations Comite Civico del Valle, La Union Hace la Fuerza, IVAN, as well as the Coachella Valley Unified School District, which hosted the event at one of its middle schools. Nearly 40 attendees expressed concerns about pesticides, dust, odors, and smoke. They advocated for a cleaner community and for funding and regulations that improve local air quality.

Both workshops featured opportunities for community members to share their stories, and in an atmosphere of partnership, participants divided into smaller groups to discuss concerns most important to them and their communities. They spoke out on a number of key topics such as their concerns over the rise of respiratory problems like asthma, especially among children, and the air quality impacts of specific sources of pollution.









Individuals also wanted to know how they can get more involved, who to call when there is an air pollution problem, and what would be SCAQMD's next steps after each meeting. SCAQMD representatives committed to return to each community with an action plan to help address the issues shared.

Five Lawn Mower Trade-in Events Scheduled for Fall

he SCAQMD's annual Lawn Mower Exchange events are coming up soon and for Southern Californians looking to replace their gasoline-powered lawn mower with a quieter, non-polluting model, this will be an opportunity not to miss!

This year's program will offer seven lawn mower models from three manufacturers, offering some of the best battery technology yet.

Just like the batteries in your cell phone or electric car have gotten better over the years, the advanced technology batteries in these next generation, zero-emission lawn tools are improving each year. Removable and interchangeable batteries, like those that power tool manufacturers use in their professional-grade equipment, are available on some lawn mower models.

One of the mowers even has headlights for mowing on cooler summer nights and many come with a fast charger to quickly recharge the mower's battery. With the trade-in of a working gasoline-powered lawn mower, residents living within the SCAQMD's four-county jurisdiction, can purchase cordless, battery-powered models for between \$100 and \$250. Only 3,000 units are available this year at the five exchange events being held throughout the region.

Pre-registration is required and the public can call or register on-line starting Tuesday, July 19th for the five events being held at the following locations:

- Long Beach at Veterans Memorial Stadium September 17
- Van Nuys at the Airport Parking Lot September 24
- Ontario at Citizens Business Bank Arena October 1
- Riverside at Bourns Incorporated, near UCR October 8
- Costa Mesa at the OC Fair & Event Center Parking Lot October 15

For more information on the Lawnmower Exchange, visit agmd.gov/lawnmower, email lawnmower@agmd.gov or call 1-888-425-6247.



n May, the SCAQMD Governing Board appointed new members to the independent SCAQMD Hearing Board.

Dr. Roger L. Lerner was appointed as the new Medical Member with Dr. Monique Castro selected as Alternate Medical Member. Former California State Senator and Los Angeles City Councilman Nate Holden was appointed as a new Public Member while Patricia Byrd was reappointed as a Public Member. The Governing Board also reappointed Robert Copeland and appointed Cynthia Verdugo-Peralta as Alternate Public Members.

A physician specializing in Internal Medicine and Endocrinology, Dr. Lerner has been in private practice in Los Angeles since 1979. He has held academic research positions at USC and UCLA medical schools, continuing the study of human hormonal physiology in health and disease. He has continued to teach over the years at UCLA and at Cedars-Sinai Medical Center, and has authored numerous articles and abstracts pertaining to insulin, glucose and diabetes.

Dr. Castro, who is certified by the American Board of Family Medicine, practiced family medicine for three years at Glendale Adventist Medical Center. She has been an urgent care fellow in the Emergency Room at Pomona Valley Hospital since July

Holden served over 30 years in the public sector, as a California State Senator, Los Angeles City Councilman, and as Assistant Chief Deputy to Los Angeles County Supervisor Kenneth Hahn. As a City Councilman, he served as Chairman of the Air Quality and Waste Management Committee and Chairman of the Transportation Committee. Now retired from public office, Holden is a consultant specializing in government affairs.

Verdugo-Peralta is a former Governing Board Member who served from April 2000 to March 2007, and has served as a volunteer on many SCAQMD committees and advisory groups.

The Hearing Board is a quasi-judicial panel of five individuals appointed by the Governing Board required by state law to act independently of SCAQMD. They are often the most direct way to appeal a decision regarding the applicability and enforcement of air quality rules and regulations. The Hearing Board hears petitions for variances to air quality rules and regulations, petitions for orders of abatement, and appeals of SCAQMD decisions regarding permits, denials of emission reduction credits, and denials of pollution control plans.

For more information, contact Saundra McDaniel at (909) 396-2821

Studies Show Link Between Particle Exposure and Effects on the Brain

t its April meeting, the SCAQMD Governing Board received a presentation by Dr. Keith Black, Chair of the Department of Neurosurgery and Director of Maxine Dunitz Neurosurgical Institute at Cedars-Sinai Medical Center. Dr. Black presented his work investigating the effects of particulate matter (PM) exposure on brain tumor development.

Dr. Black's studies sought to determine whether exposure to PM resulted in molecular changes in the brain that are associated with development of brain tumors or other brain disorders. After being exposed to PM collected at the intersection of Interstates 91 and 215 in Riverside, the rats used in the experiment showed increased expression of genes in different stages of neurodegeneration and tumor formation. In other words, PM passes through the blood-brain barrier and increases expression of genes associated with inflammatory brain changes, which may be important risk factors for Alzheimer's disease and other neurodegenerative disorders.

As people live longer lives, concerns around Alzheimer's disease and other forms of dementia may increase. The SCAQMD Governing Board Members pointed out that the findings are crucial to communicate the health impacts of air pollution and help combat PM emissions.

For more information, contact Dr. Jo Kay Ghosh, SCAQMD Health Effects Officer, at jahosh@agmd.gov or (909) 396-2582.

White Paper Identifies **Opportunity to Significantly Reduce Emissions From Trucks**

technical white paper co-funded by SCAQMD has identified how large, natural gas trucks can immediately achieve major reductions in air pollution. Known as the "Game Changer" white paper, the document, published in April explains how near-zero emission heavy-duty natural gas vehicles, fueled by increasing available renewable natural gas, provides a commercially proven, broadbased and affordable strategy to immediately achieve major reductions of criteria pollutants, air toxics and greenhouse gases (GHGs) from America's heavy-duty truck sector.

In 2015, Cummins-Westport certified the world's first heavy-duty engine at near-zero-emission levels. Complementing the NOx reductions provided by this landmark engine is conventional natural gas which provides significant reductions in GHGs. However, RNG completes the game-changing proposition by providing the lowest carbon intensity of any heavy-duty transportation fuel available in the market today. The white paper provides a series of recommendations on opportunities and challenges that would need to be addressed, in two key areas. The first is the availability of heavy-duty near-zero emission natural gas engines and vehicles, and the second is the production and end use of renewable natural gas.

The white paper shows how following a path utilizing both near-zero emission engines and renewable natural gas can achieve unprecedented emission reductions in both criteria and GHG emissions, equivalent if not cleaner than electric vehicles on a well-to-wheels basis. This transition to cleaner fuels is critical to restore healthful air quality to approximately 166 million Americans who reside in areas with exceedingly poor air quality.

Rule Update

The following proposed amended rules and regulations are tentatively scheduled for hearings at upcoming Governing Board meetings. To verify whether scheduling changes have occurred, visit the SCAQMD website at *aqmd.gov/home/library/meeting-agendas-minutes* 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 from the website at *aqmd.gov/home/regulations* or obtained from SCAQMD's Public Information Center at (909) 396–2039.

October

307.1 - Alternative Fees for Air Toxics Emissions Inventory

Proposed Amendments to Rule 307.1 will update references and add provisions for reimbursement of certain public meetings.

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

Rule 1401 – New Source Review for Toxic Air Contaminants

Rule 1402 – Control of Toxic Air Contaminants from Existing Sources

Revisions to Rule 1401 are also proposed to revise procedures for adding and revising toxic air contaminants on the Rule 1401 list. Revisions to Rule 1402 are proposed to add a voluntary risk reduction program for certain AB 2588 core facilities and other amendments to streamline and clarify provisions. For more information, contact Susan Nakamura at SNakamura@aqmd.gov or (909) 396-3105

Regulation IX – Standards of Performance for New Stationary Sources Regulation X – National Emission Standards for Hazardous Air Pollutants

Revisions to Regulations IX and X are periodically made to incorporate by reference new or amended federal performance standards that have been enacted by U.S. EPA for stationary sources. For more information, contact Carol Gomez at cgomez@aqmd.gov or (909) 396-3264.

Regulation XX - RECLAIM

At the December 4, 2015 Governing Board meeting, the Board directed staff to further analyze shutdown credits and bring a proposal for the Board's consideration.

For more information, contact Philip Fine at pfine@ aqmd.gov or (909) 396-2239.



SCAQMD Deputy Executive
Officer Philip Fine (above)
and Air Quality Chemist Paul
Williamson (below) recognized
middle and high school student
winners at the 65th Annual
California State Science Fair on
May 24. Nithyasree Palakodety,
14, and Philip Felizarta, 16,
were awarded \$1,500 by
SCAQMD for air quality-related
projects.



National Drive Electric Week Event To Be Held at SCAQMD Headquarters

ational Drive Electric Week will be held from September 10th through 18th. The week seeks to increase public awareness of the widespread availability of plug-in vehicles and to highlight the benefits of all-electric and plugin hybrid-electric cars, trucks, motorcycles, and more. These clean vehicles are often more fun to drive, less expensive and more convenient to fuel than gasoline vehicles. They are also better for the environment, promote local iob creation, and reduce the nation's dependence on foreign oil.

Begun in 2011 as
National Plug-in Day with
the simple idea of holding
simultaneous events
across the country on the
same day, it has been
expanded to an entire
week of events. The
name has also changed
to emphasize its goal of
getting more people to
drive a variety of electric
vehicles.

SCAQMD will be hosting a Drive Electric Day event at its Diamond Bar headquarters on Saturday, September 10, 2016, from noon to 4:00 pm. The program will include guest speakers, vehicle displays and enable the public to ride and drive the latest alternative fueled vehicles. The event is free and open to the public.

For more information please visit driveelectricweek.org



Marian Coleman

arlier this year, Marian Coleman reached her 30th anniversary at SCAQMD. She was recruited just after finishing her degree in Health Sciences with an emphasis in Environmental Health at CSU San Bernardino. "I didn't seek out the job. SCAQMD sent me applications twice!"

She started as a service station inspector where she learned right away the value of providing good customer service, especially to the "mom & pop" operations that may struggle with understanding SCAQMD rules. She learned how to be sensitive to the needs of business owners, while at the same time enforcing the rules. She recalls one tense moment early in her career where an unhappy service station owner threatened her if she wrote a ticket. Even in the face of some of the challenges she encountered in the field, every time she wrote a violation she improved that facility's compliance and "gave someone an opportunity to breathe better."

Over the years, Marian promoted

can be found at http://bit.ly/PetitionAttachments.

The petition can be found online at http://bit.ly/UltraLowNOxPetition and the attachments

through the ranks and in early 2016 became Senior Enforcement Manager for the Industrial, Commercial and Government Operations. She manages a staff of 46 supervisors, inspectors and support staff. In her new position, she enjoys sharing her strategies for more efficient approaches to "getting things done."

Marian lives in Rancho Cucamonga with her husband Gregory, who is a retired JPL/NASA Contractor. They have three children, Kim, a fashion designer with her own clothing line, Gregory, a PhD Fellow at the University of Massachusetts, and Whitney, a PhD candidate in Informatics. During her summer internship in SCAQMD's Legislative and Public Affairs division a few years ago, Whitney created a jingle used as the theme song for an SCAQMD video series. Whitney likely got her musical talent from her father, who is a former professional guitarist. He now leads the family band that performs in their community, typically



at local hospitals.

Reflecting on her time at SCAQMD, Marian appreciates the professional as well as personal opportunities she has had. "It's a family here," she says. Amazingly, she is still close friends with three people who interviewed at the same time back in 1986. Marian is known throughout SCAQMD for her dedication to her work, as well as her commitment to her family. "It's the kind of job where you can still have a family."







South Coast Air Quality Management District

21865 Copley Drive Diamond Bar, CA 91765-4178

Return Service Requested

@SouthCoastAQMD

Briefly...

Rule Compliance Promotion Classes

Rule 403 — Dust Control in the South Coast Air Basin Training

• Every third Wednesday of the month. This class is held at SCAQMD's Diamond Bar Headquarters from 8:30 a.m. to 11:30 a.m. There is no fee. Pre-registration is required and walk-in registrations are not allowed. Visit aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust (and click on "south coast" near the top of the page) for class and registration information. To register, e-mail dustcontrol@aqmd.gov or call toll-free 1-866-861-3878.

Rule 403 & 403.1 — Dust Control in the Coachella Valley Training

• 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 115, 73-710 Fred Waring Dr., Palm Desert, CA, 92260. There is no fee. Pre-registration is required and walk-in registrations are not allowed. Visit aqmd.gov/home/programs/business/training-403-403-1-fugitive-dust (and click on "coachella valley" near the top of the page) for class and registration information. To register, email dustcontrol@aqmd.gov or call toll-free 1-866-861-3787.

Rule 461 — Gasoline Transfer and Dispensing Training

Daily Maintenance Inspection Class

• November 4, 2016
The class fee is \$149.62 per person.
Periodic Compliance Inspection Class

• October 28, 2016
The class fee is \$163.75 per person.
Vapor Recovery System Tester
Orientation Class

- August 19, 2016
- November 10, 2016

The class fee is \$155.67 per person.
Classes meet at SCAQMD headquarters in Room CC6 from 8:30 a.m. to 5:00 p.m.
Check-in time is 8:00 a.m. to 8:30 a.m.
Pre-registration is required and walk-in registrations are not allowed.
Visit aqmd.gov/home/regulations/
compliance/gasoline-dispensing2/rule-461-classes for class and registration information. Contact Michele Martinez at 909-396-3058 or MMartinez1@aqmd.gov for more information.

Rule 1403 – Asbestos Demolition and Renovation Compliance Training

- August 17, 2016
- October 12, 2016
- December 14, 2016

Classes are held from 8:00 a.m. to 1:00 p.m. at SCAQMD's Diamond Bar Headquarters (Room CC6). Registration fee is \$83.39 per person. Pre-registration is required and walk-in registrations are not allowed.

Visit aqmd.gov/home/programs/business/ training-1403-asbestos-demolition for class and registration information. Contact Sharon Fujimoto via email at SFujimoto@aqmd. gov or call (909) 396-2183 for additional information and to register.

Rule 2202 - Employee Transportation Coordinator (ETC) Training

- August 11, 2016, SCAQMD Headquarters, Diamond Bar
- August 25, 2016, Metro, Downtown Los Angeles
- September 8, 2016, SCAQMD Headquarters, Diamond Bar
- September 22, Courtyard Marriott, Culver City
- October 6, SCAQMD Headquarters, Diamond Bar
- October 20, UC Irvine University Club
- November 3, SCAQMD Headquarters, Diamond Bar
- November 17, Parsons Brinckerhoff, San Bernardino
- December 8, SCAQMD Headquarters, Diamond Bar

Classes are held from 8:00 a.m. to 5:00 p.m. each day. Registration fee is \$172.97 per person. Enrollment is limited. Pre-registration is required and walk-in registrations are not allowed. Visit aqmd.gov/home/programs/business/training-2202-etc for class and registration information. To register, e-mail etctraining@aqmd.gov or call (909) 396-2777.

SCAQMD ADVISOR

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