

BREATHE CALIFORNIA OF SACRAMENTO-EMIGRANT TRAILS

presents the



BREATHE
CALIFORNIA
of Sacramento-Emigrant Trails
The Clean Air and Healthy Lungs People
Since 1917

The 39th Annual Clean Air Awards

Wednesday, May 27, 2015 - Sacramento State University Union Ballroom

Welcome and Introductions

The Honorable Steve Hansen, Sacramento City Councilmember;
SMAQMD Board Chair; 2015 Clean Air Awards Honorary Chair
&

Bree Tayler, Noise and Sustainability Programs Coordinator, Sacramento International Airport; 2015 Clean Air Awards Steering Committee Chair

Sponsor Recognition

Kori Titus, CEO, Breathe California of Sacramento-Emigrant Trails

Message from Sacramento State

Dr. Federika Harmsen, Provost & Vice President for Academic Affairs

Recognition of Student Art Contest Winners

Allison Flory, Educator, Crocker Art Museum; Art Contest Curator
Iulia Bodeanu, Education Director, Verge Center for the Arts; Art Contest Curator

Presentation of 2015 Clean Air Awards

Steve Hansen, Honorary Chair

Peter Adams, Board, Breathe California of Sacramento-Emigrant Trails; Director,
The Permanente Medical Group

Keynote Speaker

Cheri Chastain, Sustainability Manager, Sierra Nevada Brewing Co.

Raffle & Closing

Paul Adams, President, Breathe California of Sacramento-Emigrant Trails;
Integrated Media Sales Manager, Capital Public Radio



2015 STEERING COMMITTEE

Bree Taylor (Chair)
Noise & Sustainability Programs
Coordinator, Sacramento
International Airport

Kristina Cullen
Sustainability & Operations
Analyst, Facilities Management,
CSU Sacramento

Cheri Davis
Strategic Planner, Sacramento
Municipal Utilities District
(SMUD)

Gordon Garcia, MD
Allergist, Kaiser Permanente

Tom Hall
Public Information Officer,
Yolo-Solano AQMD

Michelle Kessel-Harbart
Director, Marketing and
Operations Avisen Securities, Inc.

Kristin Landstrom
Managing Consultant, NexLevel
Information Technology, Inc.

Tony Lucas
Senior Director, University
Transportation & Parking Services,
CSU Sacramento

Yvette Rincon
Sustainability Program Manager,
City of Sacramento General
Services

Larry Robinson
Transportation and Land Use
Coordinator, Sacramento
Metropolitan AQMD

Tara Thronson
Project Leader
Valley Vision

Michael Young
Marketing & Communications
Specialist, Sacramento Regional
Transit

2015 CLEAN AIR AWARDS BLUE RIBBON PANEL

Peter Adams, PhD, Chair
Board Member, Breathe
California of Sacramento-
Emigrant Trails; Director, The
Permanente Medical Group

**The Honorable Constance
Boulware**
Vice-Mayor, City of Rio Vista

Jeffery Foran, PhD
Environmental Studies
Professor and Department
Chair, CSU Sacramento

Monica Hernandez
Public Information & Media
Affairs, Sacramento Area
Council of Governments
(SACOG)

Gregg Fishman
Board of Directors, SMUD

Matt Jones
Supervising Planner
Yolo-Solano AQMD

Janice Lam Snyder
Program Coordinator, Air
Monitoring, Sacramento
AQMD

**Councilman Steve Hansen,
Honorary Chair**

Farm to Fork to Fuel - In Action!

Thanks to coordinated efforts between
CSU Sacramento's Epicure Catering, Sustainability
Department, and Sustainable Technology
Optimization Research Center (STORC), Breathe
California's 2015 Clean Air Awards Luncheon serves
as a model, zero-waste, Farm to Fork to Fuel event!

The pre and post-consumer organic food waste
created from today's locally sourced lunch will be
collected and delivered to the CleanWorld Biogester
by Republic Services, where it will be transformed into
renewable fuel and energy!

John Lane
Environmental Health and
Safety Project Manager,
Teichert Material

Todd Nishikawa
Deputy Air Pollution
Control Officer, Placer
County Air Pollution
Control District

Howard Posner
Retired, SMUD, Breathe
California of Sacramento-
Emigrant Trails Board of
Directors

**The Honorable Diana
Ruslin**
Councilmember, City of
Rocklin

Peter Tateishi
CEO, Sacramento Metro
Chamber of Commerce

Kori Titus
CEO, Breathe California of
Sacramento-Emigrant Trails

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Western Health Advantage

Yolo-Solano Air Quality Management District

Special thanks to volunteer photographer Anthony Contreras



MEET THE WINNERS

SUSTAINABILITY AWARD WINNERS



City of Rocklin, Public Services Department

Nominated by Matt McClure

The City of Rocklin Public Services Department has been on a mission to turn Rocklin into an environmentally sustainable city. Numerous projects completed by Rocklin's Public Services Department have helped to greatly improve air quality in the area. The first of these projects was the Rocklin Road Roundabouts Project. The installation of two roundabouts on a major thoroughfare, one requiring the removal of an existing traffic signal has been slated to offset an estimated 3,677 pounds of vehicle emissions annually by eliminating the need for 2 signalized intersections.

The efforts to reduce the city's footprint don't stop there! The Public Services Department has installed an HVAC monitoring system that tracks and analyzes usage to assist with energy management, lowering energy consumption by converting traditional light sources to LED fixtures all over the city, and is converting median irrigation systems from overhead spray to drip irrigation to conserve 50% of the water usage.

Sacramento County, Dept. of Waste Management and Recycling

Nominated by Chase Stremsterfer

Sacramento County's Department of Waste Management and Recycling (DWMR) has made major strides in reducing the carbon footprint of the department and improving air quality in Sacramento County. The DWMR has greatly reduced fuel emissions by converting all collection vehicles to renewable fuel alternatives. It has also implemented a creative solution to weed control at the Kiefer Landfill by replacing traditional gas-powered trimmers with sheep and goats, saving money and further reducing its fossil fuel consumption. (*continued on page 6*)

Sacramento County, DWMR continued...

Since the implementation of these two projects, the DWMR has seen measurable results. Because of the conversion of the fleet vehicles, which travel a collective monthly average of 84,000 miles, the DWMR has seen a 17 percent reduction in greenhouse gas emissions. The introduction of the sheep and goats to the Kiefer Landfill has saved an estimated 2,000 hours of gas-powered trimmers, greatly reducing the amount of emissions being sent into the atmosphere.

LEADERSHIP AWARD WINNERS



Judy Robinson, Sustainability Manager, County of Sacramento *Nominated by Teri Duarte*

Even before becoming the Sustainability Manager for the County of Sacramento, Judy Robinson's career was devoted to improving health and the quality of the built environment for the residents of Sacramento County. While working for the Southgate Recreation and Park District, for example, Judy oversaw a planning process that created an extensive trail system separated from traffic with frequent connections to key destinations. This 9,591 linear feet of multiuse trail has reduced the need to travel by automobile and has increased pedestrian and bicycle travel, safety and mobility.

As the county's first Infill Coordinator, Judy has worked to plan and implement numerous programs designed to improve air quality through the reduction of vehicle emissions. One most notable is the Freedom Park Drive Sustainable Street Project, completed in 2013. This project has shown a reduction of nearly 1,000 pounds of greenhouse gas emissions annually and is projected to continue to reduce carbon monoxide and nitrogen oxide emissions by 30% each year.

The Selland Family of Restaurants

Nominated by David S. Baker

Selland Family of Restaurants serves as a leader in sustainability in the Sacramento area. As supporters of the Farm-to-Fork movement, owners and co-founders Randall Selland and Nancy Zimmer have been committed to promoting local and sustainable growers, farmers and ranchers, as well as sourcing seasonal and regional ingredients for their four restaurants for over the last 20 years.

As pioneers in the area of food-waste recycling, Selland's worked to pilot Sacramento's initial restaurant kitchen scrap composting program in 2010. Over the last four years, both Selland's Market Café and Ella Dining Room and Bar have together diverted more than 160,000 pounds of kitchen scraps from landfill, instead repurposing them for use in community gardens and renewable fuel for City vehicles. These efforts have resulted in the prevention of an estimated 25 tons of methane gas emissions from entering the atmosphere.

INNOVATIVE STRATEGY AWARD WINNERS



The GEO Environmental Science and Design Academy

Nominated by Colleen Cadwallader

Founded in 2008, the GEO Environmental Science and Design Academy has remained an integral part of Grant High School's campus. The collaborative project with UC Davis was initially designed to improve air and water quality in the area, as well as serve as a source of civic engagement, promote health and social equity and instill a sense of pride in the surrounding community. In 2011, the project was awarded an Urban Greening Grant through the California Strategic Growth Council and set out to turn the program's goal of a greener, healthier and more beautiful campus from a dream into a reality. (*continued on page 8*)

The GEO Environmental Science and Design Academy continued...

The end result was over 23,000 square feet of pavement being converted to house over 200 trees, 1,600 shrubs and 500 groundcover starters, bringing life to a previously barren school landscape. As is, the shade provided by the planted trees is helping to lower the school's dependence on air conditioning and improving energy conservation efforts as a whole. Once mature, however, all of that greenery will create a barrier providing almost 1,000 pounds of annual air pollution interception and reducing energy consumption on campus.

Tim Saville and General Truss Company, Inc.

Nominated by Tracy Saville

As the “Greenest Truss Company” in the United States, General Truss Company, Inc. , a company that produces roof and floor trusses, practices sustainability on a daily basis. After building Northern California’s first solar truss plant in 2004, General Truss has continued to expand its efforts to maintain the environment for future generations, even receiving a Sustainability Business Award in 2014 from the Business Environmental Resource Center (BERC). Their 61kW solar installation allows for the company to be less energy dependent, reducing the emission of greenhouse gas by 85 percent.

Not only does their facility help reduce energy consumption, but General Truss strives to further reduce environmental impacts by reducing material waste in production and daily operations. The facility recycles all wood waste, office paper, cans and bottles with a 95 percent rate of participation. As a partner to Rancho Cordova’s Soil Barn Farms, General Truss donates its by-product shavings to be used as animal bedding and annually donates labor and construction services for fabrication of farm structures, such as chicken coops and picnic tables.

Congratulations 2015 Clean Air Champions!



HONORABLE MENTIONS

We would like to acknowledge the efforts of the following Clean Air Award nominees who have contributed to improving our region's air quality this year:

Business Environmental Resource Center (BERC)
CA Department Corrections & Rehabilitation State Prison
CSU Sacramento Aquaponics Project
Center for Regional Change
Chanowk Yisrael, the Yisrael Family Urban Farm
Esurance
Jim Brown, Sacramento Area Bicycle Advocates (SABA)
Kaiser Permanente
Lanny Schmid
Leroy Greene Academy Bike Club
McClellan Business Park
North Natomas Transportation Management Association (TMA)
Phil Haupt Electric, Inc.
ReSoil Sacramento (GRAS)
Sacramento Municipal Utilities District (SMUD)
Solar Roof Dynamics
Sue Teranishi
Ted Florez
UC Davis Transportation and Parking Services (TAPS)



2016 CLEAN AIR AWARD NOMINATIONS NOW OPEN!

If you know someone working hard to improve the air in the Sacramento region, we want to meet them! Nominate your Clean Air Champion for a 2016 Clean Air Award today by visiting www.SacBreathe.org/CleanAirAwards.html

2015 HIGH SCHOOL CLEAN AIR ART CONTEST WINNERS

FINE ART CATEGORY

- 1st: Kaija Perkins Uno, Placer High School
2nd: Davis Cooper, Winters High School
3rd: Anne Guidici, Winters High School

CERAMICS & SCULPTURE CATEGORY

- 1st: Madeline Page, Bella Vista High School
2nd: KT Lynch, Bella Vista High School
3rd: Sean Lizotte, Bella Vista High School

GRAPHIC DESIGN CATEGORY

- 1st: Janessa Rubio, Inderkum High School
2nd: Katia Esguerra, Inderkum High School
3rd: Hassel Flores, Inderkum High School

PHOTOGRAPHY & VIDEO CATEGORY

- 1st: Aubry Byrn, Bella Vista High School
2nd: Lisa Liao, Natomas Pacific Pathways
3rd: Briana Bonilla, Inderkum High School

TRAVELLING EXHIBITION

The winners of this year's art contest, alongside an expanded collection curated by Verge and the Crocker, will be on display this summer and fall at:

Crocker Art Museum, May 28 - June 28

Avisen Securities, July, 2015

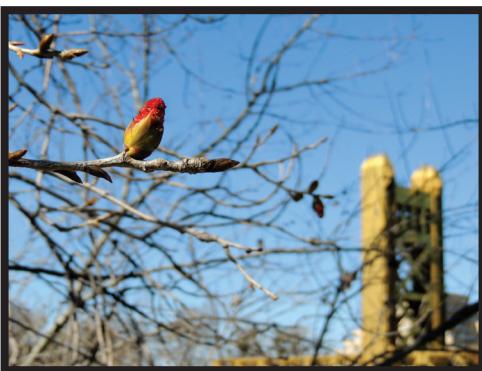
Verge Center for the Arts, September 30 - October 14

Fine Art - Kaijia Perkins Uno ▼



Ceramics & Sculpture
Madeline Page ▶

Photography - Lisa Liao ▶





Photography - Aubry Byrne ▲



Fine Art- Davis Cooper ▲



Ceramics & Sculpture - KT Lynch ▲



Graphic Design - Janessa Rubio ▲

SPECIAL THANKS TO

**CROCKER
art museum**


**VERGE
CENTER
FOR
THE ARTS**



WE ALL SHARE THE AIR

Improving air quality in our region
is everyone's responsibility.

Simple changes can make a big difference
and can help decrease air pollution's
impact on those you love.



Spare The Air – today and every day.

Visit SpareTheAir.com
to learn more.



SpareTheAir Scooter



AQMD



SacramentoAQMD



The Gold Line IS MY BREAKAWAY LINE



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Congratulations to all the Clean Air Champions.

Learn about our programs
and services at smud.org



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Improving the region's quality of life by advancing knowledge for a cleaner tomorrow.

University Transportation & Parking Services is doing its part for a cleaner, healthier environment by operating a fleet of clean compressed natural gas buses.



University Transportation & Parking Services (UTAPS) | www.csus.edu/utaps

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Yolo-Solano Air Quality Management District



SUSTAINABILITY ON TAP MEANS CLEAN AIR FOR ALL



Everyone needs clean air to thrive; however, we can't always choose what air we get to breathe. The good news is everyone can make sustainable changes to improve air quality. Sustainability on tap means sustainable practices are accessible to everyone to implement into their daily lives. With the world population growth expected to reach over 9.5 billion by 2050, realizing our interconnectivity in affecting sustainable change on our planet is more important than ever. Sustainable choices today mean cleaner air and a healthier Earth tomorrow.

So what can we all do to help? Make more thoughtful choices. From sourcing our food from sustainable farms, buying less "stuff" or buying locally, using less energy from fossil fuels, to choosing transportation like public transit or bicycling, anyone can implement change.

THINK GLOBALLY, ACT LOCALLY



Unfortunately, the Sacramento region consistently ranks as one of the most polluted metropolitan areas in the country - but there is a silver lining! Our air quality is slowly, but steadily improving thanks to the focused and determined efforts of our Clean Air Champions - the people, businesses and organizations who not only recognize the importance of having cleaner air to breathe, but also go above and beyond expectations to achieve it.

Each year we collect online nominations from throughout our region, which are formally reviewed by our esteemed Blue Ribbon Panel. The winners are recognized at the Annual Clean Air Awards.



WANT TO PARTICIPATE IN NEXT YEAR'S CLEAN AIR AWARDS?



The Clean Air Awards is a culmination of the wide variety of talents, time and dedication of our partners. There are many ways you can get involved:

Join the Steering Committee. The steering committee decides on the overall priorities and manages the general course of the event.

Become a Sponsor. Receive marketing benefits for your business or organization while supporting a great cause.

To find out more information about joining the steering committee or sponsoring the event, contact Jana Greenberg at (916) 444-5900 ext. 217 or jgreenberg@sacbreath.org.

Nominate your favorite Clean Air Award champion. We are now accepting nominations for the 2016 Clean Air Awards!

To find out more information about nominating your favorite clean air champion, contact Stacy Springer at (916) 444-5900 ext. 209 or sspringer@sacbreath.org.

Get involved in the high school art contest. The art contest is growing with a 20-piece collection that will travel to the Crocker Art Museum and the Verge Center for the Arts.

For more information on the high school art contest, contact Raquel Lopez at (916) 444-5900 ext. 208 or rlopez@sacbreath.org.

WE WANT YOUR OPINION!

Help us improve the Clean Air Awards and tell us about your experience! Please take a few minutes to fill out this survey by scanning the QR code below or visiting
<https://www.surveymonkey.com/s/XM9K3L2>



Thank you for your time and participation!

WHAT BREATHE IS DOING FOR CLEAN AIR AND HEALTHY LUNGS



Breathe California's **O24u™ Environmental Education** curriculum actively engages young students in hands-on activities that emphasize the importance of clean air and healthy, sustainable living. The curriculum aligns with California Environmental Education Initiative principals and includes over 35 hands-on, interactive activities. O24u™ is currently being implemented in afterschool program sites across Sacramento, Yolo and Solano Counties.

Breathe California's **Healthy School Air Campaign** aims to improve the quality of air directly surrounding school campuses by empowering student "Clean Air Advocates" to lead campaigns such as advocating for the reduction of vehicle idling behavior surrounding campus during student pick-up and drop-off times (a leading cause of poor air quality at schools) and advocating for the use of safe, active transportation methods such as biking and walking.

Breathe California launched the **School to Fuel Program** in 2014, which aims to improve our local air quality by working with schools to collect food waste and convert that food waste into clean natural gas and electricity. School to Fuel prevents food waste from ending-up in the landfill, preventing the release of methane gas into the atmosphere (a contributor to climate change). Additionally, the program diverts that waste from the landfill to a local closed-system anaerobic digester for conversion into clean fuel and electricity – improving the air we all breathe.

Breathe California offers **free, physician-led asthma classes** through SETA Head Start and the UC Davis Health System to help low-income families better manage their children's asthma symptoms.

High school students serving on Breathe California's **Youth Advisory Board** are actively advocating for healthy, sustainable, tobacco-free lifestyles among their peers.

Data collected by high school student researchers through Breathe California's **Thumbs Up! Thumbs Down! Project** is frequently cited by the US Surgeon General and the Center for Disease Control.

Breathe California's **STAND Project** is increasing the availability of smoke-free multi-family housing, so that families can better protect themselves from the harmful effects of secondhand smoke.

NOTES



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Since 1917

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