

September 23, 2014

Flash No. 47



## SAEMS ANNUAL MEMBERSHIP DRIVE HAS BEGUN!!!

Watch your email for applications! Renew on line using PayPal!

### September Luncheon

Our Speaker for the Wednesday, September 24, 2014 luncheon (11:30 am – 1:30 pm at the Hotel Tucson, 475 North Granada Avenue) will be **Vicky Karanikola** with **The University of Arizona**. Ms. Karanikola will be speaking about the Engineers without Borders (UA Chapter) Bolivia project, including the sanitation methods they're implementing and how they are helping the communities sustain those improvements.

### July Luncheon Summary



**Matthew Zoll** with the **Pima County Department of Transportation** spoke at the July SAEMS Luncheon on "The Loop." This is a multi-use path around Tucson, containing hundreds of miles of shared-use paths for

pedestrians, cyclists, equestrians, and other non-motorized modes of transport. Matt described various uses of the pathway and showed some beautiful photos of picturesque locations along the Loop. He spoke on the history of the project, as well as the plans to expand the loop to new areas around Tucson and reach out into some of the newly developed areas. Matt gave some safety tips to consider while using the loop, such as walking with other people for safety, and being aware of your surroundings, especially the presence of cyclists, so as to prevent collisions. He also spoke to the new vendor program and the locations along the Loop where there are food trucks and other vendors, enhancing the experience of any passersby.



**Scholarship Winner Kaitlyn Elkind (Undergraduate)**

### August Luncheon Summary

**Dr. Rafe Sagarin** was the speaker for the August SAEMS luncheon. He is a professor at **The University of Arizona**, and lead of the Ocean Biome at Biosphere 2. Dr. Sagarin spoke to the group about the connection between the Sonoran Desert and the Gulf of California culturally, biologically, and climatically. The Desert Ocean project at Biosphere 2 hopes to share current research directly with visitors, K-12 educators, and local school groups. The B2 project will bring in representative species from the Gulf of California to recreate conditions found there, though Dr. Sagarin stressed that it is not meant to be a replication of the ocean, as the Gulf is affected by factors that



**Scholarship Winner Rachel Wehr (Undergraduate) and Daphne Szutu (Graduate Student Research, Travel, Training & Project Funding)**



cannot be addressed at such a small scale. Additional goals of the Desert Ocean project is to improve the tour through that biome, bringing visitors closer to the water and into the mangrove area; include an ocean gallery at B2 to share the cultural, biological, and climatic connections; highlight the struggles of setting up such a large scale project; and share the hopeful future they see.

### Annual June Luncheon Highlights



**Shari Popen, Director of Sky Islands Public High School, speaking about their Youth Environ. Education Mini-Grant**



**SAEMS Scholarship winners (from left to right) Derek Koller (Undergraduate) and Chris Olivares and Ling-Yee Huang (Graduate Student Research, Travel, Training & Project Funding)**



**SAEMS Volunteer of the Year Heather Shoemaker (left) receiving her award from Dawn Weyer**

### September SAEMS Adopt A Highway Cleanup Summary



**Heather and Olivia Shoemaker, Mike Block, Barb Ricca, Ken Asch, and Pat Harrington**

The SAEMS team battled strong wind gusts while collecting trash on September 13, 2014 along our stretch of I-10, just past the Sonoita exit. It was a true team effort and 21 bags of trash along with numerous car parts were collected. The winning "treasures" found included a glass prism that may possess magical powers (Olivia), and enough parts to assemble a partial demolition derby car (Barb and Mike). We all enjoyed a brunch at Vail Steak House as a reward for our efforts. Thanks to Barb Ricca, Ken Asch, Heather Shoemaker and daughter Olivia, Mike Block, Pat Harrington, and Dan Williams. **Our next "trash-social" is scheduled for November 8, 2014** and we would really like to see a couple new faces join the fun! Please contact the event coordinator, Dan Williams, at [Dan\\_Williams@kindermorgan.com](mailto:Dan_Williams@kindermorgan.com) if you would like to volunteer or if you have questions.



**Future CHMM Training Course – Anyone Interested?**

Last year SAEMS hosted a CHMM training course, which was a great success. We are interested in hosting this course again, and would like to know how many of our members are interested in taking the CHMM training course, either for the first time, or as a refresher prior to their 5-year recertification. If you, or members of your office, are interested in participating in this class, please notify Ami Kidder at [AKidder@raytheon.com](mailto:AKidder@raytheon.com).

**AZPDES De Minimis General Permit (DMGP) Stakeholder Meeting – September 23, 2014**

(Information From ADEQ List-Serve Email) ADEQ began the stakeholder process for the planned 2015 reissuance of the DMGP by requesting preliminary input from interested parties last November. Constructive comments are being considered during development of the informal draft permit. The stakeholder process s with a series of three meetings to discuss and gather further input on specific sections of the DMGP. The first of the three meetings was held on September 3, 2014, and covered applicability; types of eligible and ineligible discharges; specific approvals.

Each meeting is scheduled for **1:30 to 4:00 PM at ADEQ's Phoenix office** (1110 West Washington Street), **Conference Room 3175**. ADEQ sends out pertinent sections of the draft permit in advance of each meeting using the DMGP list-serv.

**Tuesday, September 23, 2014 (meeting two) – DMGP Part II:** application process; authorization timeframes; modification of coverage; Notices of Termination.

**Thursday, October 9, 2014 (meeting three) – DMGP Part III:** Notice of Intent (NOI) requirements; contents of NOI. **Part IV:** Special Conditions, including best management practices plans and reporting requirements. **Part VII:** Definitions. **Appendix A:** Monitoring and reporting program.

FYI: click the following link for [map of ADEQ event parking](#).

**Remaining steps for completion of permit:**

Following the conclusion of all meetings, ADEQ will provide a pre-public notice version of the entire draft permit for informal review and comment. ADEQ will then consider informal comments and modify the draft permit if necessary. After that, the next action will be to proceed to formal public notice as required by A.A.C. R18-9-A907(B). Issuance of the final 2015 DMGP is planned for June 2015. Details and updates will be provided via the DMGP list-serv as they become available.

Note that the meetings do not focus on introductory information about the DMGP – for background material about the DMGP program, follow the website links below.

[2015 DMGP - preliminary draft\\_Part II.doc](#)

[Summary of proposed substantive changes - DMGP Part II.pdf](#)

[DMGP Fact Sheet](#)

[Frequently Asked Questions](#)

[DMGP web page](#)

**Borton School Green Apple Day of Service – September 27, 2014**

Please join Borton families and staff for a national day of community service on Saturday, **September 27, 2014 from 7:30-11:00 AM at Borton Magnet School**, 700 East 22nd Street, just west of Park Avenue and south of 22nd Street. Together with a grant sponsored by Tucson Clean and Beautiful, the Southern Arizona Environmental Management Society, the Arizona Native Plant Society, and the Borton PTA, the Borton community will be planting trees from Trees for Tucson and native plant species in our lunch courtyard passive water harvesting system. Volunteers will also help create a French drain and rock pathway. Student outdoor learning ambassadors will be heading the project and all work will be documented to support future grants.

Snacks and refreshments will be provided by the Borton Baking Brigade and other community volunteers, but also feel free to bring something to share. Please bring a reusable water bottle to fill from our water coolers. We do have shovels, but please feel free to bring your own as well as a hat and work gloves. Other optional tools to bring: hard rakes, jackhammer (plus extension cord), wheel barrows. Any help is greatly appreciated so come for an hour or the entire time. There are jobs for all ages!

**Tucson Clean & Beautiful Annual Meeting – October 17, 2014**

The annual meeting for **Tucson Clean & Beautiful (TCB)** will be held on Friday October 17, 2014 from 6:00 to 9:00 PM at the Tucson Electric Power building in Tucson. The evening's agenda includes Jane Elizabeth Hughes as Keynote Speaker on a topic that may be of interest to many working in, or supporting, the nonprofit field – *Social Impact Bonds* (also known as *Pay for Performance*). An event flyer is available to share online via: <http://tucsoncleanandbeautiful.org/wp-content/uploads/2014/09/tcb-2014-annual-meeting.pdf>.

The meeting includes a gourmet buffet dinner, \$55 per non-member, \$50 per TCB member. RSVP and payment requested by October 10, 2014 – to pay by credit card, call (520) 837-6830; pay online; or mail a check and guest names to TC&B, P.O. Box 27210, Tucson, AZ 85726. If of interest (and if not already on our list), feel free to subscribe to our newsletter via our website, <http://www.tucsoncleanandbeautiful.org> – a link can be found at the lower left corner of the home page. Thank you for your work on a daily basis toward a better community in Southern Arizona and beyond!

**2014 AzRC Conference – Waste Diversion: Thinking Beyond the Bin – October 22, 2014**

The **2014 AzRC Conference** will be **October 22, 2014** at the DoubleTree by Hilton in Gilbert, Arizona. This year's conference is focusing on unique waste diversion methods and processes. Think beyond curbside recycling programs! The conference Key Note Speaker is **Dr. Michael Washburn**, who will talk about efforts to promote extended producer responsibility laws at the state level across the United States. Visit the event website to register: <https://www.regonline.com/AZRCconference>. Now accepting exhibitor registration and sponsors! Visit the NEWS tab for the complete application!

**PAYMENT TIP:**

SAEMS lunch and seminar attendees are requested to use PayPal for payments whenever possible. Financial charges for using PayPal are about 2.7% and the charge for using a credit card averages 4.8%. Last fiscal year SAEMS spent \$1,600 on financial fees. If everyone used PayPal, we could cut the costs in half and have \$1,000 more for scholarships. As an added bonus, pre-paying on PayPal allows members to fast forward through the lunch or seminar check-in line.

**WRRRC Brown Bag Seminars**

Attend the **University of Arizona Water Resources Research Center** weekly brown bag lunch seminars at the Sol Resnick Conference Room at 350 North Campbell Avenue. Please see their website at <http://wrrc.arizona.edu/events/brownbag> for a schedule of topics. For more information, contact Jane Cripps at [jcripps@cals.arizona.edu](mailto:jcripps@cals.arizona.edu) or (520) 621-2526. Upcoming seminar topics include:

**October 8 (12:00 PM) – Ecosystem Valuation in Southwest Riparian Areas**

**Job Announcements**

**Arizona Land and Water Trust** – Full-time Development Coordinator position. Tasks will mainly include managing their donor database/donations/giving programs, bulk mailings, event planning/management, and coordinating social media. Rewarding and enjoyable work along with a great work environment! The job description is available on their website: <http://alwt.org/misc/employment.shtml>.

**National Ecological Observatory Network (NEON)** – D14 - Arizona - Field Operations Manager. The position description can be found at the following link: <http://www.neoninc.org/jobs/d14-arizona-field-operations-manager-1>.

**Arizona Geological Survey** – Deputy Director, Tucson, Arizona. First review of applicants will take place September 20, 2014. Go to the following website for more information: <http://arizonaageology.blogspot.com/2014/09/position-opening-deputy-director.html>.

**Turner Laboratories – Inorganic Analyst** – Seeks a highly motivated inorganic analyst for sample preparation and analysis of routine environmental samples. Candidates must be familiar with basic general chemistry and laboratory practices. Tasks will include typical laboratory calculations, solution preparation, wet chemistry analyses, recording and reporting data, troubleshooting and resolving problems, and conforming to QA/QC practices. Applicants must be able to follow written and verbal instructions and have a willingness to work independently as well as part of the group. Requirements: A BS in chemistry is desirable, but will consider other science degrees and/or chemistry laboratory work experience. Compensation: Hourly wage will depend on experience. Package includes health, dental, vision insurance and life insurance policy after one month; 2 weeks paid vacation after one year; 6 paid holidays upon hire; employer-matched IRA after 2 years. Submit resumes to Turner Laboratories, Inc. at [tgarcia@turnerlabs.com](mailto:tgarcia@turnerlabs.com).

**SAEMS Website Updates**

Members are able to access the current membership directory (as of July 2014) under the Members tab on the website ([www.saems.org](http://www.saems.org)) or [Click Here](#), and then enter the member user name and password. New passwords were sent out to current members in July. See the latest information on the SAEMS website, including luncheon and scholarship information, previous luncheon presentations, Trash & Bash updates, ADOT press release regarding our Trash & Bash volunteers, Executive Committee meeting notes, financial information, News Flash archives, etc.!