



June 2012 Newsletter

Presented by the 2011-2012 Section of the Year, San Diego Section Officers

2012/2013 NOMINATIONS

Dear **Section of the Year San Diego PECG Members**,

If you are interested in serving as a Section Officer for the upcoming PECG 2012/2013 calendar year, please contact the Section's Nominating and Elections Committee:

Robert Lumahan, Chair	(619) 688-6425	Ext. 6718(voicemail)	robert_lumahan@dot.ca.gov
Arturo Reyes	(619) 688-6741		arturo_reyes@dot.ca.gov
Eva Palma	619) 688-6007		evangelina_d_palma@dot.ca.gov
Shahin Adibi	(619) 688-6880		shahin_adibi@dot.ca.gov

The deadline to submit a nomination petition is **Friday, June 15, 2012 by 5:00PM.**

2012 San Diego Section PECG Scholarship Program

The PECG San Diego Section Scholarship Committee is pleased to announce the availability of two \$500.00 scholarships as a new benefit to the families of PECG San Diego Section members. These scholarships are intended to recognize, encourage and assist high school and college students in reaching their career goals and aspirations through the pursuit of a college degree. Children, grandchildren, nieces and nephews of PECG San Diego Section members in good standing are eligible and encouraged to apply.

Eligibility

Only children, grandchildren, nieces and nephews of PECG San Diego Section members in good standing are eligible to apply for the scholarships.

Candidates must be a senior in high school or possess a GED certificate by the end of June 2012 and planning to enroll in a college or university in the fall 2012 semester or quarter as a full-time undergraduate student OR be currently enrolled in a college or university as a full-time undergraduate student. Candidates must also be a US citizen or legal resident of the State of California and must have a minimum GPA of 2.5. No one may receive a scholarship more than once. In future years, previous scholarship recipients will be ineligible.

Award Procedure

A Selection Committee will review all of the application packages submitted.

In addition to the candidate's Official Transcripts and Letters of Recommendation, a Personal Statement including the following will be considered:

1. An Inspirational Life Experience.
2. Career Goals and Aspirations.
3. Community/Volunteer and School Activities.
4. Work Experience.
5. Why you are a good candidate to receive this scholarship.

Award Date

The PECG San Diego Section Scholarship Committee will go through the selection process during the month of June.

Scholarship award winners will be announced in late June.

Winners will be formally presented with their awards shortly after at a luncheon hosted by the PECG San Diego Section.

Complete application packages must be received or be postmarked by Monday, June 4, 2012.

For More Information or Questions, please call or e-mail the PECG San Diego Scholarship Committee members:

Chair Robert Lumahan (619) 688 – 6425 Robert.Lumahan@dot.ca.gov

Member Azar Habibafshar (619) 688 – 3192 Azar.Habibafshar@dot.ca.gov

Member Cristina Nunez (619) 688 – 2583 Cristina.Nunez@dot.ca.gov

Recent News from the Greater San Diego Science and Engineering Fair



ISEF 2012 in Pittsburgh was a triumph for the GSDSEF! Our students took home a total of 11 awards! Each placed! In case you didn't know, only about 25% of ISEF finalists get any award (place or special). Below are the results. Melissa Rachel Fagan, 17, San Diego Jewish Academy, San Diego, California

MI041 Creation of Alginate Microparticles as a Novel Drug Delivery Vehicle.

- o Grand Awards - First Award of \$3,000 - Microbiology
- o Air Force Research Laboratory on behalf of the United States Air Force – First Award of \$3000
- o Established in 1947, the United States Air Force is one of the seven Uniformed Services of the United

States. The mission of the Air Force is to deliver sovereign options for the defense of the United States of America and its global interest -- to fly and fight in Air, Space and Cyberspace. The USAF is the largest and most technologically advanced force in the world. Characterized by science and technology, the Air Force is totally committed to rewarding science projects that exhibit these high standards. Today we wish to take this opportunity to thank the parents, teachers, mentors as well as the Society for Science & the Public for providing support and inspiration to these students by giving them the opportunity to excel.

- o Office of Naval Research on behalf of the United States Navy and Marine Corps - Tuition Scholarship Award in the amount of \$8,000, Sara Kornfeld Simpson, 15, Patrick Henry High School, San Diego, California PH051 Neuronal Nonlinear Dynamics: From an Optical Illusion to Parkinson's Disease

- Grand Awards - Second Award of \$1,500 - Physics and Astronomy

- National Aeronautics and Space Administration - Second Award of \$2,000

- o The National Aeronautics and Space Administration (NASA) is the United States government agency responsible for the nation's civilian space program and for aeronautics and aerospace research. Founded in 1958 by President Dwight D. Eisenhower, NASA's mission is to pioneer the future in space exploration, scientific discovery and aeronautics research, answering basic questions like: What's out there in space? How do we get there? What will we find? What can we learn there that will make life better here on Earth? NASA's notable achievements since its founding include developing leading edge flight technology, putting the first man on the moon, putting rovers on Mars, exploring deep space through the eyes of Hubble Space telescope, launching a fleet of weather and communications satellites, flying the first reusable Space Shuttle to provide regular access to space, providing vital scientific climate research, and assembling an orbiting laboratory of the International Space Station. NASA's vision is to continue to reach for new heights and reveal the unknown so that what we do and learn will benefit all humankind, and they are excited to honor projects that have those same goals.

- United States Army - Award of \$1,500, a certificate of achievement, and a gold medallion.

Manita Singh, 17, Canyon Crest Academy, San Diego, California

EN028 Effects of Polycaprolactone and UV Treated Poly (Methyl Methacrylate)

Electrospun Fibers on Osteogenic Differentiation of Dental Pulp Stem Cells

- Grand Awards – Second Award of \$1,500 - ENG: Materials and Bioengineering

- Agilent Technologies - \$25,000 award to the student whose research exemplifies the work that Agilent does in close collaboration with engineers, scientists, and researchers around the globe to meet the communications, electronics, life sciences, and chemical analysis challenges of today and tomorrow.

- o Agilent's worldwide community involvement programs, known collectively as Agilent Action, tangibly demonstrates the company's values and commitment to corporate citizenship. Agilent supports programs that are designed to increase students' interest and achievement in science education, with an emphasis on women, and populations under-represented in the technology industry. Agilent Action inspires minds and enriches lives in the communities where Agilent people live and work.

- Ashtavadhani Vidwan Ambati Subbaraya Chetty Foundation - Second Award of \$500 U.S. savings bond.

- o An educational and medical service foundation dedicated to recognizing academic talent and providing services to the needy. AVASC will award projects that display outstanding creativity, ingenuity and have the potential to alleviate the human condition or mark a substantive advancement in the scientific field.

Apoorva Mylavarapu, 15, Torrey Pines High School, Encinitas, California

BE036 Role of the Basal Forebrain in Mediating Selective Attention

- o Grand Awards - Fourth Award of \$500 - Behavioral and Social Sciences

Other Awards

- The Agilent Teacher Award will be presented to the teacher of an Intel ISEF finalist. This award will be presented to the teacher who has best proposed how they would use the funds to support their professional development in the sciences and further their support of students in independent research.

- o Wendy Slijk, Canyon Crest Academy, San Diego, California

MARTY BLOCK FOR SENATE



Thanks Corporate officer Roy Flores, Section VP at Large Mo Maher and Corporate Committee member Fred Abdipour for attending the the support for Marty Block for Senate in May of 2012

Dennis Alexander Retires



Dennis Alexander is retiring after years of excellent service to PECG. San Diego Section would like to wish Dennis the best and he will be missed. Dennis is with Blanning & Baker and has worked as a labor relations consultant since 1976. Alexander provides representation to members of the Professional Engineers in California Government, assisting with contract negotiations, legislative advocacy and representation at disciplinary hearings. He has also represented engineering supervisors and managers, as well as state scientists and state attorneys. Prior to joining Blanning & Baker, Alexander worked in both staff level and management positions with the California State Employees Association (CSEA). Before joining CSEA, Alexander worked for the California State Senate. Alexander graduated from California State University, Sacramento with a bachelor's degree in business administration and has completed a certificate program in labor relations from the University of California, Davis, as well as several other labor


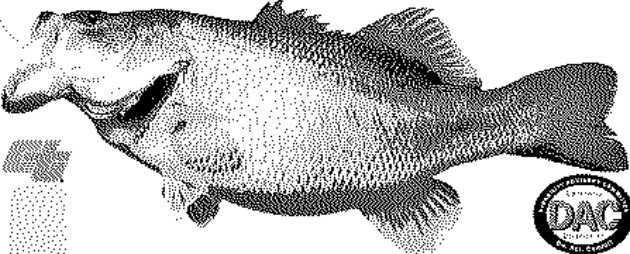
relations programs. He is also a member of the Industrial Relations Association of Northern California.

SAN DIEGO SECTION SPONSORS DISABILITY ADVISORY COMMITTEE (DAC) AND THE FISH BBQ EVENT



DAC Committee members in their monthly meeting

the annual DAC
Fish BBQ



**Wednesday, 11:30am,
June 20, 2012 at**
Kearny Mesa Operations Center
7181 Opportunity Road
Ticket cost is \$7.00

*To raise funds to provide a scholarship
to a disabled student seeking studies
in a transportation related field.*

Menu:
BBQ fish, Rice, Salad, Cake and Drink

Purchase Tickets From:
Elsa Hanly: 619-688-2596 - Bldg. 3, FL3
Dee Hooker: 619-688-6637 - Bldg. 2, FL5
Lydia Martinez: 858-467-3043 - TMC
Javad Rhozaifi: 619-481-8178 - Kearny Mesa

Prize Drawing!!

Questions/Comments; Please call;

Section Director	Pedro Aguilar	(858) 688-1372	Caltrans
Section President	Naser Ghaderi	(619) 623-9035	Caltrans
President Elect	Robert Lumahan	(619) 688 – 6425	Caltrans
VP Supervisory	Abu-Bakr Al-Jafri	(619) 491-3077	Caltrans
VP Rank & File	Tony Karam	(619) 688-6718	Caltrans
VP At Large	Mehrdad Maher	(858) 674-5437	Div of State Arch
Secretary	John Williamson	(619) 718-7822	Caltrans
Treasurer	Azar Habibafshar	(619) 688-3192	Caltrans