

ENGINEERS CLUB OF THE WEST VALLEY

OCTOBER 2012 NEWSLETTER

www.engineersaz.com

The Engineers Club is a social organization which meets regularly for lunch with a speaker on a technical topic. Spouses are invited and many attend regularly. Short field trips are occasionally scheduled. Membership is open to anyone who has worked in or had close ties to the engineering or scientific fields. Meetings are held at 11:30am on the first Friday of each month, October through June, at Briarwood Country Club, 135th and Meeker in Sun City West, Arizona.

Visitors are always welcome -- Reservations are required -- Just call (623)544-0942 to let us know you are coming.

OCTOBER 5 PROGRAM

Cars of the Future: Where will regulations and technology take us?

Hal Lind BSEE/MSEE



Hal is well known in SCW for his participation and leadership roles in a wide variety of activities in our local community. Some of the positions he has held include President of PORA, VP and Treasurer of the Rec Center Governing Board, President of the Stardust Theatre Council, Chairman of the Thursday night movies as well as President of our own engineer's club. He is a retired aerospace engineer and holds five patents.

Hal has an Electrical Engineering degree from the University of Illinois and an MSEE degree from USC. He worked in Research and Development at Hughes Aircraft Company. Hal has given interesting presentations to the engineer's club on previous occasions.

The presentation will look at the evolution of automobiles and batteries from early electrics and steamers up to today's most advanced designs and will address the technologies required to meet future fuel efficiency demands.

NOVEMBER 2 PROGRAM

Translational Genomics And Medical Research

Michael Bassooff, President
TGen Foundation



The Translational Genomics Research Institute (TGen) is a non-profit organization dedicated to unraveling the genetic components of common and complex diseases in an effort to develop earlier diagnoses and smarter treatments for patients suffering from serious diseases.

Michael Bassooff is President of the TGen Foundation which is a nationally based charitable organization that provides the necessary financial support for the TGen Research Institute. He is nationally known in the field of health science and development and is the co-author of a book that addresses the 20 myths of fundraising.

Michael began his career at the University of Arizona and was the very first fundraising person hired by the University's Health Sciences Center. He established a highly successful and comprehensive development program during his sixteen years there. Michael then returned to his home state of New Jersey to serve as President of the Foundation of the University of Medicine and Dentistry of New Jersey.

In 2002, Michael returned to Arizona to create the TGen Foundation.

Scholarship Update

First of a series by Gerry Montag

Teresa Cove – Year 2007, \$2,000 Awardee

After her last semester at Glendale Community College, Teresa transferred to the University of Arizona, Tucson for three more years of study. She had the opportunity to be involved in campus work with a professor who was working to improve the quality of water as well as internships with Freeport-McMoRan and Raytheon Missile Systems.

She graduated this past spring with a Bachelor of Science Degree in Chemical Engineering and a minor in Chemistry. She accepted a position with the New Page paper mill in Wisconsin working in the Technical department which acts as a support for production. Her assignments are to assess certain machines for quality output, process capability, and efficiency from a cost and production standpoint.

She is very content with her present position as the skills she is learning will be transferable to many different production positions. In the future, she hopes to be more involved in production as she enjoys a hands-on approach with various machines and operators.

She sends a big thank you to the Club members for her scholarship which came at a time when it was touch and go whether she could remain in school.

John Buhanan - Year 2008, \$2,000 Awardee

This current semester is John's last at ASU and in December he will be graduated with a Bachelor of Science degree in Computer Science. In the past two years, he has decided that he is most interested in being a Software Engineer that specializes in Enterprise Application development.

During his undergraduate work, he has interned with two companies. First with DDC-1 (Display Data Channel) as a Java Software Developer/Tester, and now with Intel to assist in their TIME Systems Software Applications. This is software that their Capital Planning department uses in every aspect of "Tool" purchasing. John writes that there are hundreds of different "Tools" used in the process of making an Intel processor. He explains that the better word for a "Tool" would be "Automated Machining Platform" which is something more akin to a robot.

John's current manager at Intel is evaluating whether they have room for a college graduate. If not, he will interview this fall with other groups at Intel as well as Microsoft, Amazon and Google.

John concluded his update with "Thank you all so much. Yours is a grand organization!"

2012 OFFICERS

President	Les Sherry	975-9081
Vice President	Bob Farrell	810-5095
Secretary	Jodie Lawrosky	238-5256
Treasurer	Bob Latvalla	546-7801

COMMITTEE CHAIRPERSONS

Programs	Daryl Lund	271-7337
Programs	Bob Farrell	810-5095
Membership	Bob Kessler	910-7054
Reservations	Dave Whitehouse	544-0942
Luncheons	Doug Keeler	480-8476
Luncheons	Hal Clemett	546-4941
Scholarship	Len Cohen	546-3741
Scholarship	Don Johnson	975-1657
Scholarship	Gerry Montag	546-7963
Member at Large	Fred Scheske	556-2892
Newsletter	Bill Harrison	546-4943
Event Support	Ralph Palmer	815-8143
Web Site	David Campbell	518-4871
Publicity	Maurice Hoyt	533-4213
Field Trips	Keith Morrow	546-3080
Past President	Don Block	546-0557

BOARD EMAIL ADDRESS: board@engineersaz.com

TREASURER'S REPORT --2012

General Fund Balance:	\$5,543.37
Scholarship Fund Balance:	\$ 503.10

LUNCHEON MENUS

October 5: Pork Cutlet Grilled Golden with Pan Gravy, Buttermilk Mashed Potatoes, Chef's Vegetable and Fudge Nut Brownie with Whipped Cream.
 (Entrée Option: Fruit Plate or Grilled Vegetable Plate)

November 2: Turkey Medallions with Cranberry Sauce, Served with Apple Walnut Stuffing, Green Beans Almandine and Apple Turnover with Vanilla Ice Cream.
 (Entrée Option: Fruit Plate or Grilled Vegetable Plate)



Brock Barnhart receives a certificate of appreciation from Bob Farrell for his presentation in June on the current activities as well as future plans for the major highways and interchanges located primarily in the Phoenix West Valley.

RESERVATION POLICY

The cost of the monthly luncheon is \$17.00 per person. The reservation deadline is 5 PM Monday before the meeting. Late reservations cannot be guaranteed the regular meal. Call Dave Whitehouse if you cannot keep your reservation. **The full luncheon cost is due for "no-shows" and cancellations after 5PM on the Wednesday before the meeting.**

RESERVATIONS Dave Whitehouse (623)544-0942

RAFFLE RESULTS AND DONATIONS

The winner of the June raffle was **Lee Schlabach** who received \$90 with an equal amount to the Scholarship Fund.

WELCOME NEW MEMBER

Stephen G. Cooper
Club Membership is 148



A group from the Engineers Club visited the White Tanks water treatment facility on May 30th. This facility uses CAP surface water from the Beardsley Canal which is then filtered and treated to provide potable quality drinking water to an area in the western valley with a current population of approximately 30,000. This is a very modern facility and highly automated.