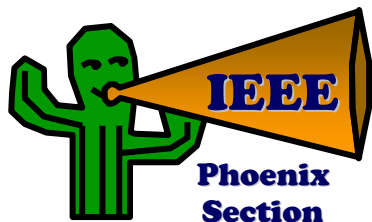


The Valley Megaphone

Newsletter of the
**Institute of Electrical and
Electronics Engineers, Inc.,
Phoenix Section**
January 2012,
Volume XXVI, Number 1



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IEEE Phoenix Section on-line updates can be found at
<http://ewh.ieee.org/r6/phoenix/> and on LinkedIn
at:

<http://www.linkedin.com/groups?gid=2765918>

Please send announcements for the *Valley*

Megaphone to Surinder Tuli at

surinder.tuli@gmail.com and to Russ Kinner at

r.kinner@ieee.org for inclusion in the Section

Calendar.

The IEEE Banquet pictures are up, see

<http://ewh.ieee.org/r6/phoenix/AnnualBanquet.htm>

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EMBS Chapter

TBD

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Women In Engineering

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U – News

(for Student Members)

Updates of Student Advisors and Committee Members

Each Student Branch noted on the right side of this page should review current information on Advisors and Student Committee Members and forward to my attention within this week, as we are reviewing contacts for reporting and activities including Student Monthly Meetings.

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Student Activities Chair

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ASU Main, Computer Society
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Advisor: Guoliang Xue
480-965-6218, xue@asu.edu

ASU Polytechnic
Chair: TBD
Advisor: TBD

DeVry, Phoenix
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Don4ben5@gmail.com
Advisor: Diane Smith
dsmith2@devry.edu

DeVry, Computer Society
Chair: TBD
Advisor: Diane Smith
dsmith2@devry.edu

NAU, Engineering
Chair: TBD
Advisor: Niranjana Venkatraman
v.niranjana@ieee.org

Embry-Riddle, Prescott
Chair: Tim Lemm
timothy.lemm@erau.edu
Advisor: John E. Post
postj@erau.edu

U – Newsbytes

- ASU Polytechnic is currently seeking Advisor for the Student Branch. Please email Nick (at email address above) with Recommendations.

Start your own MicroMouse and compete for cash prizes!

The Section has a full tournament sized MicroMouse maze. Funding for your project may be available. For details contact the Section Student Activities Chair, S. Diane Smith
sdianesmith@computer.org

- View pictures from the MicroMouse contest at the Southwest Area Spring 2010 meeting at <http://picasaweb.google.com/ieeegoldphx/2010IEEEESWASpringMeeting> (photography by David Huerta, GOLD Affinity Group Chair)

Scholarship Applications Deadline is January 15, 2012

Applications due: January 15, 2012 with Awardees to be recognized at the IEEE Phoenix Section Annual Banquet on February 11, 2012. Awards apply to full-time graduate and undergraduate students who are IEEE members in EE, CSE, EET, CET, and CS majors. The application form can be found at the following website:

<http://ewh.ieee.org/r6/phoenix/Scholarships.htm>



Phoenix Chapter of IEEE Signal Processing Society and Communications Society



Thanks to all of the attendees who have made this year's technical meetings so successful. More to come in the coming months...

Please contact Chapter Chair David Frakes (dfrakes@asu.edu) to volunteer or propose a speaker for upcoming meetings.

IEEE CPMT Society Phoenix Chapter is seeking volunteers

IEEE CPMT Society Phoenix Chapter is seeking volunteers to serve as officers for 2012. Please contact Chapter Chair, Dr. Vasudeva P. Atluri, at vpatluri@ieee.org for additional information and if interested in serving as an Chapter Officer.

EMC Society Technical Meeting Announcement on EMI Filters



Date: Thursday, January 19th, 2012

Place: Garcia's Mexican Restaurant at Embassy Suites Hotel

Address: 4400 South Rural Road, Tempe, Arizona

Address: Just South of U.S. 60 on West side of Rural Rd.

Time: 5:30PM Social in Garcia's, 6PM Dinner in Garcia's (order off the menu),
7PM Meeting in Embassy Suites Junior Ballroom (upstairs)

Title: Understanding and Using EMI Filters

Speaker: David Stanis, Retired General Manager Filter Division, WEMS
Electronics

Abstract: This talk will address the various types of industry wide custom EMI filters both single circuit components and multi-circuit filter assemblies. Discussion will include Common Mode and Differential Mode interference and filtering techniques, MIL-PRF-28861 "S" Level requirements and problems and a review of EMI Filter Source Control/Specification Control Drawings.

Biography: David Stanis has over forty years experience encompassing all aspects of EMI/EMC. After receiving his BSEE from Southern Massachusetts University in 1972, David went on to work for various companies involved in both commercial and military EMI/EMC testing and filter design. David returned to California in 1973 and held the position of EMC Test Engineer at NASA's Jet Propulsion Laboratory in Pasadena California working on the Viking spacecraft mission to Mars and the Voyager spacecraft mission to Jupiter and Saturn. Upon conclusion of the Voyager program David left JPL and went on to work for Cornell-Dubilier Electronics Filter Division, San Fernando Electric Filter Division, AVX / US Microtek Filters and the Filter Division of WEMS Electronics. Positions included Engineering Manager, Manager of New Product Development, Operations Manager and Division Marketing Manager. This vast experience provides David with a broad in-depth knowledge of EMI/EMC Requirements, EMI filter design and EMI filter manufacturing. David retired in 2008 after sixteen years as General Manager of the Filter Division at WEMS Electronics. Although retired, David continues to provide consulting services to WEMS Electronics.

Reservations: To help us get an accurate headcount, please send an email to Harry Gaul (harry.gaul@ieee.org). There is no charge for meetings, but you pay for your own meal and drinks. Since we order off the menu, we do not need an exact number, so if you decide at the last minute, please come anyway. You don't need to be an IEEE or EMC Society member to attend -- all are welcome.



IEEE Power and Energy Society Phoenix Chapter



News and Announcements:

- IEEE PES Phoenix Chapter was awarded the **Outstanding Chapter Award for 2010** at the IEEE Phoenix Section Annual Banquet.
- Want to know more about IEEE PES? Watch this video:
 - http://www.youtube.com/watch?v=BRKM4lpo_tk
- IEEE PES Phoenix Chapter Scholarships are available:
 - <http://ewh.ieee.org/r6/phoenix/Scholarships.htm>
- IEEE PES Scholarship Plus Initiative: Scholarships for undergraduates pursuing electric power and energy:
 - <http://www.ee-scholarship.org/>
- Have you considered becoming a Senior Member of IEEE? It's not as difficult as you think. Basically, you need ten years of professional experience, and your bachelor's degree counts for three of those years. Find out more at:
 - http://www.ieee.org/membership_services/membership/senior/index.html
- In 2011, the PES Phoenix chapter has supported:
 - The TISP/EIC Program with \$3,000
 - The Future City Competition with \$1,000
 - Two EE College Students with \$1,000 Scholarships

January 2012 Luncheon Meeting:

Date: Thursday, January 19, 2012
Time: 11:30 am - 11:45 noon: Registration
11:45 noon: Lunch
12:15 pm: Program
Location: SRP PERA Club ([map](#))
1 E Continental Dr
Tempe, AZ
Speaker: David Narang, Senior Engineer, Energy Innovation – Technical Services,
Arizona Public Service Company
Topic: High Penetration PV Deployment in the APS distribution system
Cost: \$5.00 (No cost if you are a college student)
Reservations: Contact Nancy or Stacy at (480) 991-9191 Ext 10 or Ext 16

More information regarding the IEEE PES Phoenix Chapter can be found at:
<http://ewh.ieee.org/soc/pes/phoenix/index.php>



Phoenix Section Life Member Affinity Group

January 2012 News

Next Meeting - Tuesday, February 14, 2012, 11:00am – 1:00pm Luncheon \$10

Officers Election – The election of officers was held at the December 6th meeting
The elected officers are:

Barry Cummings - Chairman, Vice Chair - Michel Ebertin, Secretary – Thomas Lundquist, P.E., Treasurer - Leslie Daviet II, Program - Ronald L. Sprague, P.E., Past Chair - C Bruce Johnson

Technical Meeting Topic December 6th – An informative presentation and discussion on “**The Cloud**” Public and Private was conducted by John Lundquist.

The Program Chair is seeking suggestion from members for future technical presentations. Any ideas of interest are open for consideration. Please contact Ronald Sprague Program Chair at rsprague@q.com or any officer with ideas.

Where: SRP's **PERA Club** Bighorn Room,
1 East Continental Drive, Tempe, AZ
West of 68th St., ½ mile south of McDowell Road
Either MapQuest or Google maps can help you if needed.

About IEEE Phoenix Section Life Member Affinity Group:

The IEEE Phoenix Section Life Member Affinity Group was organized to enable IEEE Life Members to retain active IEEE associations, contribute to the social good in their communities, advance IEEE's professional interests and enjoy each other's company.

An IEEE member automatically becomes an IEEE "Life Member" status when at least 65 years of age and the sum of your current age and years of membership is 100. For more details use the link

http://www.ieee.org/web/volunteers/mga/home/life_members_committee/index.html

Activities: Annual technical meetings scheduled in February, May, October, and December. Elections are held at the December meeting. Technical meeting topics and speakers are encouraged. Contact any Officer.

Future Technical Meetings:

- Tuesday, February 14, 2012 SRP PERA CLUB
- Tuesday, May 15, 2012 SRP PERA CLUB
- Tuesday, October 16, 2012 SRP PERA CLUB
- Tuesday, December 6, 2012 SRP PERA CLUB

Officers:

Chair	A. Barry Cummings	Barry.Cummings@srpnet.com
Vice Chair	Michel Ebertin	Michel@ebertin.net
Secretary	Tom Lundquist	Tom.Lundquist@ieee.org
Treasurer	Leslie Daviet II	lesdaviatii@cs.com
Program	Ronald L. Sprague,	rlsprague@q.com
Past Chair	C Bruce Johnson	cbj@johnsonscientificgroup.co



IEEE Phoenix Section
Women in Engineering
Affinity Group



The IEEE Phoenix Section **Women in Engineering (WIE) Affinity Group** held its last meeting of 2011 on 12/1/11 at the SRP building in Tempe. We welcomed Carol Popovich, from Microchip Technology Inc., who spoke about her involvement with FIRST. FIRST is a program whose mission is to inspire young people to be science and technology leaders, by engaging them in exciting mentor-based programs that build science, engineering, and technology skills.

Our group's Chair is Shamala Chickamenahalli (shamala@ieee.org), and the other members of our organizing committee are:

Diane Watkins (diane.watkins@srpnet.com)
Diane Smith (diane@web-oasis.com)
Joy Harris (jharris@exponent.com)
Barbara McMinn (barbara.mcminn@aps.com)
Audrey Skidmore (ASkidmore@azmag.gov)
Lesley Polka (lesley.a.polka@intel.com)

We are presently planning our 2012 activities and will hold an event in mid-February at ASU. If you would like to be added to our distribution list for information about future events, please contact Lesley Polka (lesley.a.polka@intel.com).

If you would be interested in helping to organize any of our activities or have suggestions for other activities or speakers for future events, please feel free to contact any of our organizing committee members.

The IEEE WIE Affinity Group's mission is to inspire, engage, encourage and empower IEEE women worldwide with a vision of creating a community of IEEE women and men innovating the world of tomorrow. More information about IEEE WIE can be found at: http://www.ieee.org/membership_services/membership/women/women_about.html.



Phoenix Chapter of the IEEE Computer Society

January, 2012

News

- We will kick off our 2012 chapter meeting series on January 11th at DeVry University with an extremely interesting presentation on physical locks. See below.
- January 11 – Chapter meeting, DeVry University; speaker Austin Appel, “**The Four Types of Locks**”

This presentation covers a broad range of topics in order to give the security professional a basic understanding of locks in the workplace. This is essential when attempting to apply a holistic security model to the workplace, one's data, and one's computer hardware – be it desktop devices or server farms. It will assess the differences between basic, commercial, high security, and nearly unpickable locks and proposes a security framework around these categories. An overview of the function of multiple types of locks is presented with a key focus on what may differentiate higher security systems from a more basic system. Additional concerns with large facilities are also discussed.

Austin Appel is a nationally known expert on all aspects of physical locks and associated security. He has delivered this presentation, along with others related to locks, to numerous audiences locally and nationally.

- We are firming up our program schedule for the remainder of the year. We have a confirmed speaker for March and a tentative program for May.

Future Events

- March 7 – Chapter meeting, DeVry University; speaker Paul Crowley, “**Advanced Topics on Optical Media**”

Paul Crowley is President and Founder of InfinaDyne, a Chandler-based consulting enterprise focused on optical media issues. Paul is a computer professional with over 25 years experience in programming computers of all types producing commercial products for embedded systems, mainframe and PC's. Since 1994, Paul has focused on PC and embedded system software development, specifically related to CD and DVD technology. This has included CD recording, accessing CD-ROM data for PC and Playstation games and in-vehicle navigation systems. InfinaDyne also performs optical media forensic work for law enforcement nationwide. Paul is an expert on all aspects of optical media and will discuss various topics including optical media physical characteristics, reading marginal discs, and reading cracked/broken discs.

- May 2 – Chapter meeting, DeVry University, speaker TBD
- July 11 – Chapter meeting, DeVry University, speaker TBD

Meetings start at 6:00 pm with networking and light refreshments followed by the presentation at 7:00 pm. DeVry University is located at 2149 W Dunlap Avenue, Phoenix.

Visit the CS Chapter website for the latest information: <http://ewh.ieee.org/r6/phoenix/compsociety/>.
For brief announcements regarding upcoming events we are also on Twitter: @IEEECS_PHX

If you would like to suggest a topic or speaker for any of our future meetings, please contact one of the chapter officers:

Jerry Crow (jerry.crow@computer.org)

Brad Morantz (bradscientist@ieee.org)

Audrey Skidmore (askidmore@computer.org)

Diane Smith (sdianesmith@computer.org)



IEEE Phoenix Waves and Devices Chapter
2012 Technical Workshop on



Millimeter Wave to Terahertz Devices and Technologies

Call for Papers

This one-day workshop will focus on devices and technologies for emerging applications in the upper millimeter wave and lower terahertz (submillimeter) electromagnetic spectrum, and will include invited experts from industry and academia as well as submitted contributions. Abstracts are requested for consideration on any of the represented topics.

Workshop Topics

April 27, 2012
8:00 am to 5:00 pm
University Club
Arizona State University

General Co-Chair:
Steve Rockwell
steve.rockwell@ieee.org
General Co-Chair:
Robert Anderson
robert.j.anderson@q.com

Phoenix IEEE Waves & Devices Chapter:
<http://ewh.ieee.org/r6/phoenix/wad/>

- DEVICES
 - Semiconductors
 - Vacuum Tubes
 - Simulation & Modeling
- PACKAGING
 - Waveguide
 - Integrated
 - Interconnects
- SYSTEMS
 - Antennas
 - Architectures
 - Spectrum

Abstract Submissions: Two pages (topic, summary of significant results and conclusions – WORD or PDF files only). Abstract must include author names, affiliations, addresses, and e-mail address of lead author.

Submission Deadline:	February 17, 2012
Submitting Address:	Michael.Goryll@asu.edu
Acceptance Notification:	March 5, 2012
Final Presentation Due:	April 13, 2012

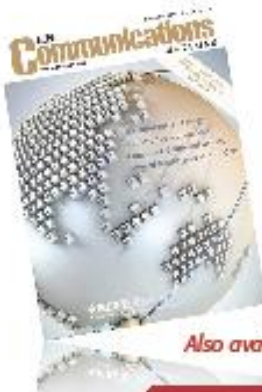




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- Monthly *ComSoc e-News* issues.
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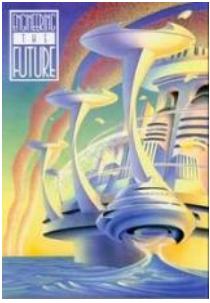
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15 Years of AZ Region Future City Competition

Phoenix, AZ: It's *back to the future* for middle school students! Since 1997, the region competition has asked 7th and 8th graders, working in teams of three, to design a city of the future. Students will use problem solving skills, team work, research and presentation skills, practical math and science applications, computer software and skills, etc. to meet this challenge.

The competition engages students by challenging them with real-world engineering problems. The topic of interest for the 2011-2012 competition is *Fuel Your Future*. Students are asked to imagine new ways to meet our energy needs, maintain the health of the earth or other planets, and incorporate these innovative design features into their future city.

Members of the Phoenix engineering community came together 15 years ago to identify more creative options to increase student participation and interests in science, technology, engineering, and math (STEM). The real challenge was to get students interested in STEM subjects while creating a fun and exciting educational experience for young minds at the same time. IEEE's Phoenix Section has supported the competition over the years with a society sponsored award, volunteers, financial sponsorship, and other in-kind contributions.

A 15th anniversary celebration is also planned. The theme is *Back to the Future*. We are inviting schools that have participated in a previous competition(s) as well as student alumni, teachers, engineers, and other volunteers who have worked with the competition over the years to join us in several special events to be hosted during the week of January 23, 2011.

Competition day is Saturday, January 28, 2012. The event will be held at the ASU Preparatory Academy (formerly Phoenix Preparatory Academy) in Phoenix, AZ (7th Street and Fillmore). More information will be provided on upcoming events.

For information regarding this news release, contact Vi Brown at 480.205.2616 M or v.brown@futurecityarizona.org.

About the Future City Competition: The Future City Competition is a national program sponsored by the engineering community to promote technological literacy and engineering to middle school students. The program fosters an interest in math, science, and engineering through hands-on, real world applications. The competition is open to all public, private and parochial schools. The National Finals of the Future City Competition are a featured event during National Engineers Week with students from across the country competing in Washington, D.C. The Future City Competition offers students a fun way to learn about engineering and cities of the future.

IEEE Phoenix Section Annual Banquet 2012

The annual banquet for 2012 is scheduled for Saturday, February 11th, 2012 from 6:00 PM to 9:30 PM at Hilton Phoenix Airport, 2435 South 47th Street, Phoenix, AZ 85034 (Tel: 480-894-1600). The program includes:

6:00 PM – 7:00 PM: Registration / Social Hour

7:00 PM – 8:00 PM: Dinner

8:00 PM – 9:00 PM: Program (Keynote Speaker and Awards Presentation)

All members are requested to provide inputs to help with improvement of annual banquet quality. Suggestions for keynote presentation topics and keynote speakers are also requested. Inputs and suggestions should be sent to IEEE Phoenix Section Awards Committee Chair, Dr. Vasudeva P. Atluri, at vpatluri@ieee.org.

IEEE Phoenix Section is currently accepting nominations for awards. All are encouraged to submit the nominations.

For awards nomination forms and other information related to the annual banquet, please access <http://ewh.ieee.org/r6/phoenix/>

Contact IEEE Phoenix Section Annual Awards Committee Chair, Dr. Vasudeva P. Atluri, at vpatluri@ieee.org for more information and clarifications.



2012 IEEE Phoenix Section Calendar

The calendar is updated by the Vice Chair on a rolling basis.
TBD



Phoenix Section Executive Committee Meeting

Venue: Phoenix Airport Hilton 2435 S 47th St, Phoenix, AZ, 85034 ([map](#))
Tel.: 480-804-6017

More Info: Meetings are held on the first Tuesday of the month, 6–8 PM.
- Except for July & August

All interested IEEE members are welcome to attend.

Contact: Ralph Hogan, 480-774-8227
rhogan@ieee.org

Special Announcement

Future City Arizona hits its 15th Anniversary

The Future City Competition – Arizona Region is celebrating its 15th Anniversary this year. As part the celebration, Future City is hosting two special events.

Special Evening at the Arizona Science Center

On Friday, January 27 the Competition is hosting a special Focus to the Future evening at the Science Center, 600 East Washington Street, Phoenix from 6:00 PM until 10:00 PM. All program alumni, teachers, parents, volunteers, supporters, engineering societies and sponsors and special friends are invited to attend. In addition to a great time with the exhibits in the Science Center, we have a very special program planned. To register and for additional information, select the **Special Events** menu item on the Future City Arizona site: www.futurecityarizona.org.

IEEE – Phoenix Section is also having it 70th birthday recognition program at the Science Center that evening in the IMAX Theater.

The registration fee includes the cost of admission to the Science Center and food.

Eat & Greet

On Saturday, January 28 immediately following the Region Finals at the ASU Preparatory Academy, 735 E Fillmore, we are hosting a mixer event for all of this year's teams and past competition alumni. All students, teachers, judges and volunteers are invited. The food and fun begins at 5:00 PM.



Phoenix Section 70th Anniversary Event
Arizona Science Center
January 27th, 2012
6:00 – 10:00 PM

The IEEE Phoenix Section will be celebrating its 70th anniversary in the IMAX Theater at the Az Science Center. The program will include IEEE produced videos on a variety of topics (photovoltaics, wind power, robotics, hybrid vehicles, smart grid, biomedical, and more). This program will also highlight the history of the IEEE and Phoenix Section.

The Phoenix Section 70th Anniversary Event is being held concurrently with the Future City 15th Anniversary event at the Az Science Center. The Future City 15th Anniversary Celebration registration includes the IEEE Phoenix Section event:

<http://www.futurecityarizona.org/event/view/1?date=2012-01-27>

For more info contact: c.weitzel@ieee.org

“IEEE Phoenix Section Survey

IEEE Phoenix Section Executive Committee is requesting all IEEE Phoenix Section Members to provide their valuable inputs to help with continuous improvement of section activities. The survey can be accessed at www.ewh.ieee.org/r6/phoenix. Please download the survey and send by email to IEEE Phoenix Section Secretary, Dr. Chuck Weitzel, at c.weitzel@ieee.org. Your support in this matter will be greatly appreciated.”

IEEE Membership Grade Advancement

IEEE Phoenix Section Executive Committee encourages all to apply for advancement in membership grade to Senior Member and Fellow Grade. Please review the requirements at www.ieee.org. Please contact IEEE Phoenix Section Membership Development Chair, Dr. Vasudeva P. Atluri, at vpatluri@ieee.org for additional information.

Enhanced Senior Member Application Launched

Effective 29 July 2011, IEEE Admission and Advancement launched a [new Senior Member Application](#). The new application includes numerous enhancements, based on feedback from volunteers and members, including:

- New user friendly format / design
- Secure environment (need IEEE Web account)
- Ability to save application in “draft” form
- Ability to upload resume or Curriculum Vitae (up to 3 MB)
- Applicant can view application online
- Applicant can view status of requested reference forms
- References will be notified by email to provide applicant reference
- References will have the ability to view their completed reference form(s)
- Real time application status

The goal is to provide prospective Senior Members with an easy to use and intuitive interface, while streamlining internal operations at the same time. [View the new Senior Member application](#).

IEEE-USA Government Fellowships:

Each year, IEEE-USA sponsors three qualified IEEE members to serve as government fellows: one Engineering & Diplomacy Fellow and two Congressional fellows. The fellows spend a year in Washington, serving as advisers to the U.S. Congress or key U.S. Department of State decision-makers. IEEE-USA's Government Fellowships link engineers with government, providing a mechanism for IEEE-USA members to learn firsthand about the public policy process through personal involvement.

The congressional fellowship consists of an appointment to the personal staff of a U.S. Senator or Congressman, or to the professional staff of a Congressional Committee. The Fellow along with the Congressional sponsor and IEEE-USA, negotiates a starting date, although IEEE-USA recommends that Fellowship terms run from January 1st to December 31st. For an application Kit for the 2013 Congressional Fellowship Program, visit:

http://ieeeusa.org/policy/govfel/documents/cfappkit13_000.doc

The State Department fellowship begins in January of each year and offers an opportunity for an engineer to provide technical expertise to the State Department, and help raise awareness of the value of engineering input while learning about and contributing to the foreign policy process. For an application Kit for the 2013 Engineering & Diplomacy (State Department) Fellowship Program, visit:

<http://ieeeusa.org/policy/govfel/documents/Stateappkit13.doc>

The postmark application deadline for 2013 Fellowships is 16 March 2012. For more information, visit: <http://www.ieeeusa.org/policy/govfel/default.asp>

Washington Internships for Students of Engineering (WISE)

SUMMER 2012 PROGRAM Monday, 4 June - Friday, 3 August:

WISE seeks applications from outstanding engineering students who display evidence of leadership skills and have a keen interest in public policy. Minority students are encouraged to apply.

Applicants should select a sponsoring society(s), fill out an application form, write two (2) brief essays in response to questions, arrange for two (2) faculty references, and forward an official transcript. The deadline for Summer 2012 applications is December 31, 2011. For more info and application forms, please visit: <http://wise-intern.org/application/index.html>

“...one of the best summers of my life. One which truly transformed my dreams and goals.when I left D.C. I really wanted to instill in my fellow engineers the appreciation of the interaction between public policy and engineering.” -- Marc Canellas, WISE 2011

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IEEE-USA E-Book on Transition from School to Work to be Offered Free as Special Benefit to IEEE Members

WASHINGTON (31 October 2011) -- As a special benefit of IEEE membership for November, IEEE-USA is offering a free e-book, "Engineer's Guide to Lifelong Employability: The Transition from School to Work." This e-book, prepared by the IEEE-USA Employment and Career Services Committee, provides a road map for the student preparing to enter the job market -- what employers are looking for, how they can best find a job and what career paths are open to a new grad.

Topics include:

- * Finding a Job the Old-Fashioned Way
- * Networking
- * The Campus Interview
- * Making up Your Mind
- * Four Career Paths
- * Business -- Big or Small?
- * A Non-Technology Company

"Demand for new BSEEs may be soaring, but so are employer's standards and expectations," writes Jean Eason, IEEE-USA Employment and Career Services Committee member. "Good grades and technical expertise aren't enough anymore."

From Nov. 1 through Nov. 30, "Engineer's Guide to Lifelong Employability: The Transition from School to Work" can be downloaded at www.ieeeusa.org/communications/ebooks for free to IEEE Members. The nonmember price is \$5.99. Members can purchase other IEEE-USA E-Books at deeply discounted prices and download other free e-books. In December the free publication will be book three in the "Engineer's Guide to Lifelong Employability" series: "What Are You Worth?"

IEEE Phoenix - Calendar of Events

You may access the IEEE Phoenix Section Calendar of Events at:

<http://ewh.ieee.org/r6/phoenix/Calendar.htm>

For inputs and updates to the Calendar, please contact the IEEE Phoenix Section Treasurer, Russ Kinner at 602-997-2353 or e-mail: r.kinner@ieee.org

Phoenix Section LinkedIn Group

If you are interested in professional networking and shared Section related updates & discussions join the [IEEE Phoenix Section Group on LinkedIn](#). Signing up only takes minutes and is free. A job board is available as well.
