



- ▶ LETTER FROM THE CHAIR 1
- ▶ 2014 OUTSTANDING LINK COORDINATORS 2

Order of the Engineer *almanac*

Letter from the Chair

I am pleased to announce that The Order (OE) has developed a tri-fold that is available to links for purposes of answering common questions, explaining OE's history, and promoting OE. It is hoped that the tri-fold can be used to increase OE exposure and lead to creation of more links at universities and elsewhere across the country. We will be uploading this tri-fold to our website www.order-of-the-engineer.org in the next few weeks.

I am very pleased to recognize this year's recipients of the Link Coordinator Award. See article inset later in the newsletter. In the years ahead our goal is to find other recipients for this award to recognize those who have been spearheading active links and having a special impact on young engineers before they leave academic life and begin their practicing careers.

OE has recently appointed the following four new Governors for the 2014 – 2017 term (3-year): Debra Larson - Dean of Engineering at California Polytechnic State University; Skip Lewis - CEO of H2L Consulting Engineers; Bruce Westermo - Professor in the Dept. of Civil, Construction & Environmental Engineering, San Diego State University; and David Janover - City Engineer, Avondale, AZ. OE attempts to appoint governors that are a mixture of PE's from academia and PE's from industry, with broad geographic coverage across the U.S.

We have received a number of inquiries this past year regarding establishing either a link or satellite organization in a foreign country (e.g., Korea, Japan). OE Administrative Policy #8 prevents us from establishing links outside of the country. OE cannot support these links with our current administrative structure. Furthermore, it would be difficult to confirm qualifications of eligible candidates from abroad. Current practice is to have US-centered Links (such as an ASCE Link) host ceremonies that are held outside of the U.S.

This has been a busy year for both OE and me personally. I will be officiating at a Seattle University induction ceremony in May,

and four other ceremonies over the next few months. In July I have the opportunity to speak at the National Society of Professional Engineers (NSPE) Annual Meeting being held in Seattle, Washington, on the subject, "The Order of the Engineer—Ethics & Professionalism". I plan to use this occasion to solicit more support for OE links and increase exposure for OE.

If for any reason you have questions regarding OE, feel free to contact me at my HDR office in Bellevue, WA at (425) 450-6212 or my email: kenneth.mcgowan@hdrinc.com. Executive Director Paula Ostaff is also available at phone no.: (866) 364-7464 or her email: orderofeng@gmail.com.

Sincerely, **Kenneth McGowan, P.E., F. NSPE**
Chair, Board of Governors

PHILLIPS ELECTED TO THE GRADE OF DISTINGUISHED MEMBER



Monte L. Phillips, Ph.D., P.E., Dist. M.ASCE, is honored by ASCE for his contributions as an outstanding educator, long-term leader in the engineering profession, pioneer in the creation and passage of the NCEES (National Council of Examiners for Engineering and Surveying) Model Law for additional education as a prerequisite for licensure, and proponent of ethical practice. Emeritus Professor at the University of North Dakota, Phillips has achieved eminence through his long-term work to promote and advance the engineering profession throughout the U.S., and has been a leader across 4 key national engineering organizations—ASCE, the National Society of Professional Engineers (NSPE), the National Council of Examiners for Engineering and Surveying (NCEES), and ABET—which are critical to the success of the initiative to reform the educational and experiential requirements for licensure as a professional engineer.



2015 Outstanding Link Coordinators Named

In January, 2015, the Order's *Recognition Committee* selected three individuals for our *Outstanding Link Coordinator Award*. These selections were made from a group of distinguished nominees each deserving of this prestigious recognition. This award was developed by the Order in 2013 to recognize the outstanding efforts of Link Coordinators throughout the Nation who have provided exemplary service to the Order in the development, organization, and administration of a Regional Link and their Ring Ceremonies. Every year, up to four individual awards are to be presented to eligible candidates representing each of the US Regions including the Northeast (Region I), Southeast (Region II), Midwest (Region III), and the West (Region VI).

We are proud to present the following individuals as the Outstanding Link Coordinator recipients in 2015:



Ms. Catherine Burton, Academic Program Specialist-College of Engineering, University of South Florida, Link #113 (Region II)

Ms. Burton has served as the University's Link Coordinator since 2006 and during this time has worked hard to organize Link Ceremonies twice annually in conjunction with Graduation ceremonies. She has worked hard to accommodate out of state travelers by organizing these events for either the evening before or the morning of commencement which has made it a pretty special event and reception for Graduating Seniors and Family members. USF's Link Ceremony includes six engineering departments with over 600 inductees annually and is also held in conjunction with the computer science program's "Pledge of the Computing Professional" ceremony. *"Her effective advertising and enthusiasm for the Ceremony is such that she has increased the participation to the level that virtually the entire graduating class participates....."*

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Ms. Jamie Perez, Associate Director-Opportunities Center, Texas Tech University, Link #165 (Region III)

Ms. Perez has served as the Texas Tech Link Coordinator since 2011. Since that time she has spearheaded two Link Ceremonies annually inducting over 100 engineering students. She

takes deep pride in the students participation and continually reminds them of the honorable standards represented by the Order of the Engineer. She also takes the time to invite family and friends as well as alumni of Texas Tech to participate in the events and encourages every engineer to join the Order and to uphold the dignity of our great profession. *"From start to finish, she understands that she is providing more than just an academic event or senior ceremony, she believes that she is assisting in instilling a tradition and an oath for each participant to uphold the ethical idea for engineers in their communities".*



Ms. Nirmala Gnanaprasam, Associate Professor-Department of Civil & Environmental Engineering, Seattle University, Link #249 (Region IV)

Nirmala "Nimmy" has served as Seattle University's Link Coordinator since 2007 where she has been a faculty member for over 22 years. Prior to this she also served as ASCE's Seattle Section OE Link coordinator from

2003 to 2007. Nimmy also currently serves on the Washington State Board of Professional Engineers and Surveyors.

After coordinating student participation in the local ASCE Link for five years, Nimmy organized the schools charter event in 2008 and since that time has effectively run an annual program that involves students from the Electrical, Computer and Mechanical Engineering programs. From her nomination package, *"Dr. Gnanaprasam is clearly at the heart of the Order of the Engineer ceremony of SU"* and *"Nimmy is a model example of an educator who gives back to her university and to her Profession"*.

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2014 - 2015 Updated March 18, 2015



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CLARK BECK SELECTED TO THE DAYTON REGION'S 2014 WALK OF FAME



Long-time OE Governor Clark E. Beck was inducted into the 2014 Dayton Region's Walk of Fame at the Dayton City Commission meeting on June 18, 2014. Mr. Beck came to Dayton in 1952 as a University of Cincinnati co-op engineering student to work at Wright-Patterson Air Force Base (WPAFB), and he never left.

First involved in testing military equipment at sub zero temperatures, he moved to making structural tests at 2500 degrees F for the Dyna-Soar project, which became the Space Shuttle program. He designed dynamic loading and heating systems to simulate re-entry from space and conducted temperature tests on humans to determine maximum cockpit temperatures that could be tolerated. During his 31-year career at WPAFB, he taught evening classes at Central State and Sinclair. He was actively involved with the development of Science, Technology, Engineering and Mathematics education and the Wright STEPP. Beck has served on a host of community and national boards and was founding president of the Kidney Foundation of Dayton. He proudly holds the record of living 41 years with a transplanted kidney.

As a testament to his character is a quote from M. B. Reilly '07 Graduate of the University of Cincinnati and Deb Rieselman: *Clark Beck didn't only recommend the University of Cincinnati to minority applicants who wanted to pursue a career in engineering. He also helped make it financially possible for them to attend. Beck has spent decades contributing to the Minority Engineering Program, the Darwin T. Turner Scholarship Fund, as well as the Pioneers*

2015 OE LINK LIAISON RESPONSIBILITY

OE Governor Link Assignments for 2015 are listed below. If links have questions or would like participation by Governors at induction ceremonies, contact information is on the next page.

Larry Feeser: CO - Links #75, 170, 228, 247
MI - Links #57, 91, 104, 115, 133, 134, 172, 190, 200, 276, 292

Scott Grainger: AZ - Links #19, 116, 121, 174, 244
NM - Links #85, 157, 189, 238 NV - Links #154, 162
UT - Links #237, 256, 259

Paul Hale: LA - Links #118, 176, 225, 232, 246, 255
TX - Links #37, 129, 219, 235, 245, 260, 280, 288

Michael Hardy: AK - Links #204, 211 IN - Links #6, 17, 55, 139, 182, 184 OR - Links #186, 229, 243

David Hayhurst: AL - Links #179, 216 267 268
MS - Links #126, 149 286 TN - Links #7, 14, 183, 263

David Janover: NY - Links #64, 70, 72, 80, 105, 153, 213, 248, 258 PA - Links #212, 226

Roch Larochelle: MA - Links #82, 108, 109, 159, 166, 241, 265, 277 NH - Link #148 ME - Link #99
VT - Links #89, 125 RI - Link #289

Debra Larson: CA - Links #107, 151, 195, 207, 252, 274, 285
TX - Links #117, 165

Skip Lewis: VA - Links #198, 199, 220 (NSPE)
KY - Links #132, 222, 239 DE - Link #102
MD - Links #59, 137, 270 WV - Link #251

Ken McGowan: ID - Links #119 MT - Links #68, 178, 196
WA - Links #60, 71, 203, 249, 279, 291 WY - Link #103

Derald Morgan: IL - Links #122, 138, 155, 156, 177, 217, 278
MO - Links #13, 161, 193

Monte Phillips: HI - Link #51 MN - Links #52, 136, 173, 287 ND - Links #32, 34 SD - Links #21, 62
WI - Links #11, 111, 171, 175

Don Rathbone: AR - Links #206, 266, 273 IA - Links #205, 271 KS - Links #106, 131, 152, 158 NE - Link #36
OK - Link #56

Steven Schreiner: NJ - Links #188, 261 NY - Links #96, 100, 164, 202, 233 PA - Links #23, 197, 221, 227, 230, 283

Bruce Westermo: CA - Links #44, 101, 112, 124, 191, 192, 284 TX - Links #231, 282

Mel Anderson: FL - Links #63, 74, 113, 140, 201, 208, 254, 257, 272, 281 GA - Links #39, 143, 209, 275

Carl Beck: OH - Links #1, 2, 5, 20, 49, 65, 67, 73, 93, 142, 180, 215

Kevin Bower: DC - Link #38 NC - Links #9, 250, 253, 269
SC - Links #128, 224 TN - Links #35, 83
VA - Links #81, 242 (NSBE)

Paula Ostaff: National B.O.G.—Link #00