



Members At Large

FY16 Newsletter, Issue 1

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President's Corner

Greeting MAL members, and welcome to SWE FY16! I hope everyone has been enjoying their summer. It is hard to believe fall is right around the corner, and that SWE FY16 is already in full swing. I recently attended the SWE Region Governance Summit in Omaha, NE. It was a great experience to watch the installation of SWE President Colleen Layman, who is a MAL, along with the Board of Directors and Trustees. The summit was heavy with discussion about the exciting things happening. The Executive Committee and I are preparing for society conference in Nashville in October, and we are looking forward to seeing you!

I have been serving in the MAL Executive Committee for just over five fiscal years and I am honored and excited to be serving as the MAL President this year. Joining me this year on the Executive Committee are Vice President Jacquelyn Nagel, Secretary Emily Ongstad, and Treasurer Claire Shortall. I have enjoyed working with these amazing individuals so far, and look forward to working with all the new and returning MAL

leaders.

The theme for this year is 'Reach Out to Reach Up', so I encourage each MAL member to reach up or reach out this year. Reach up, and look at taking a role in SWE (we have open committee positions within the MAL organization). Reach out, to another member, a collegiate member, or even to someone who is not a member of SWE, or participate in an outreach event to help inspire others.



MAL President Debbie (left) with SWE President Colleen Layman (right) at the President's Installation.

Debbie Jacklitch-Kuiken
SWE FY16 MAL President
debbie_jacklitch@yahoo.com

Meet Your FY16 MAL Officers and Reps!

MAL Officers

President—Debbie Jacklitch-Kuiken

Debbie Jacklitch-Kuiken is an active member of the Members-At-Large in SWE. She has held several positions in the MAL leadership. She currently works at Arctic Cat Inc. as the compliance engineer for the ATV division, and is also a lecturer for the Mechanical Engineering department at the University of North Dakota. She graduated from the University of North Dakota with degrees in Mechanical Engineering and Atmospheric Science, and is currently work on her Master's degree in Mechanical Engineering from UND as well. She is also active in the North Dakota Society of Professional Engineers, Grand Federation Women's Club, and other organizations. Debbie is also a certified Zumba instructor, and teaches specialized Zumba courses for various age groups. She enjoys her spare with knitting and crocheting and doing various crafts, and spending time with her husband, dog, and two cats.

Vice President—Jacquelyn Nagel

Dr. Jacquelyn K. Nagel is an Assistant Professor of Engineering at James Madison University. She is the faculty advisor and SWE counselor for the James Madison University SWE collegiate section. Jacquelyn teaches engineering design, systems analysis, and circuits. Her research focuses on bio-inspired design and developing sustainable energy solutions. In 2012, she was recognized by the National eWeek Foundation and IEEE-USA as one of the New Faces of Engineering for her pioneering work in using biological systems as models for sensors, instrumentation and

processes. Jacquelyn earned her Ph.D. from Oregon State University, and her M.S. and B.S. from Missouri University of Science & Technology.

Secretary—Emily Ongstad

Emily has been a MAL since moving to southwest Virginia in 2012, and has served as the MAL Newsletter Co-editor for the past two years. She was recognized by the Outstanding MAL Leader Award in FY14. Emily earned her Bachelor's in Biomedical Engineering from Michigan Technological University where she was an active member of the SWE collegiate section. Here she served as Vice President (2008), Evening With Industry Chair (2006-2008), and Newsletter Editor (2007-2008). Emily is a PhD candidate in the Department of Bioengineering at Clemson University, finishing her dissertation research at the Virginia Tech Carilion Research Institute in Roanoke, VA. She studies the interactions of cells in the heart and how they affect disease outcome. Her passion is improving treatment outcomes for patients by engineering better therapies. Outside of labwork and SWE, Emily enjoys baking, knitting, or being outdoors.

Treasurer—Claire Shortall

Claire Shortall (MAL-C; Pineville, LA) joined SWE as a freshman and is a charter member and past president of three sections – Princeton University, Louisiana (now Baton Rouge), and Greater New Orleans. While a member of Houston Area, Claire led the Gulf Coast Region during SWE's transition to a regional structure. She has been a MAL since relocating to central Louisiana in 1986. Her wealth of

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experience includes three years as Society treasurer, three years on the board of trustees, and many years on the Society's finance committee. In her roles as MAL membership coordinator and the Society's new professional section coordinator, she has provided guidance to other members who successfully organized more than 30 professional sections. A life member since 1983, Claire was recognized as a Distinguished New Engineer in 1984, as a Fellow in 1995, and as a recipient of the Society's inaugural Distinguished Service Award in 2000.

MAL Representatives

Region A—Leabeth Peterson

Leabeth Peterson graduated in May 2015 with her degree in Environmental Resources Engineering from Humboldt State University in Northern California. During FY15 she served as the Region Collegiate Representative (RCR) for Region A. As RCR, Leabeth managed 14 Collegiate Sections and one Collegiate Interest Group. She assisted in chartering a new collegiate section, and created a Section President Handbook to assist with successful collegiate leadership transitions. She was the only collegiate on the Region A Travel and Event Fund Committee, where she assisted in updating guidelines and applications for fund allocation. At her collegiate section she has served as Section President and Section Vice-President. As Section President she increased membership by 40% and increased attendance at the Region A conference by 7 students. As Section Vice-President she was the Lead Event Planner of the 2015 Girl Scout Day that outreached to 47 local Girl Scouts.

Region B—Mary Isaac

Region C—Victoria Tinsley

Victoria graduated from Texas A&M University with a B.S. in Chemical Engineering and a minor in French. She started her career at Eastman Chemical Company, where she worked as a process improvement engineer and a technical

staff engineer. In 2008 she accepted a process engineer position with TOTAL Petrochemicals and Refining USA, Inc (TPRI) in Houston. Victoria is now a senior technical service engineer with TPRI's Polymers Americas Group. She provides technical expertise and leads troubleshooting efforts for customers using TPRI's polymer products (polyethylene and polypropylene). Victoria joined SWE in college and has been actively involved in SWE leadership positions ever since, including being the C049 COR Representative, a SWE counselor, and a member of national committees. She is the FY16 Region C MAL Rep, the MAL Outreach Coordinator, and the Region C Outreach Rep. Victoria also enjoys volunteering with a number of community service organizations.

Region D—Jennifer Seals Cooper

Jennifer Seals Cooper lives in Tennessee and works for Houston-based engineering consulting firm RCP Inc. providing engineering support to the energy industry with an emphasis on regulatory compliance program development and analysis. She earned her Bachelor's degree in Mechanical and Industrial Engineering in 2009 from the University of Tennessee-Martin and a Master's of Science in Engineering Management from the Missouri University of Science and Technology in 2014. Jennifer has been an active participant in Society of Women Engineers since her days as a student member at UT-Martin. She was active professional volunteer in the Rocky Mountain Section as Region Section Representative and Membership Committee Chair. Since moving from the Denver area, Jennifer has been active with SWE's Program Development Grant Committee including chairing the committee.

Region E—Beth Mellott

Beth Mellott currently works for a government contractor as a systems engineer. Her undergraduate degree is in Computer Engineering from Virginia Tech. She holds a Masters in Education with an emphasis in

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Instructional Technologies. Beth lives near Charlottesville, VA with her husband and three kids. In her free time she volunteers with Girl Scouts and at the Math/Science nights at her children's school.

Region F—Maureen Masiulis

Maureen Masiulis is a Program Manager at General Dynamics Mission Systems. She has a B.S. Dual Degree in Electrical Engineering & Computer Engineering from Rensselaer Polytechnic Institute and a M.S. in Electrical and Computer Engineering and an M.B.A from UMASS Amherst. In FY15 she served as the SWE Awards & Recognition Committee Chair and the Region F Conference Planning Committee – Speaker Coordinator. She has also served as the MAL President (3 terms), MAL Region F Representative, Region F Alternate Representative, and on the Region F Conference Planning Committee. When not working or supporting SWE leadership positions Maureen enjoys running, swimming and spending time with her two sons (Taylor and William), her husband (Mike), two cats (Cindy and Allie) and three fish.

Region G—Ali Kowalski

Originally from Delaware, Ali Kowalski made the jump to wild and wonderful West Virginia for their nationally ranked University and unique Biometric Systems program in the college of engineering. She completed her bachelor's degree in May 2015 and recently began her master's in Electrical Engineering. Ali has been involved with SWE for three years, previously serving as social chair at WVU and conference

chair for Region G. She has also been involved in IEEE, the Student Society for the Advancement of Biometrics, and an Ambassador program through the engineering college. Ali completed two internships during her undergrad; she spent a summer at Highmark Blue Cross Blue Shield and one year at The MITRE Corporation. This summer she began a graduate research position focusing on engineering education. Outside of her academics Ali enjoys baking, cheering on the Mountaineers, and planning her November wedding.

Region H—Diane Peters

Dr. Peters has an extensive history of involvement with SWE, including positions as an officer and committee chair in the Chicago Regional Section (CRS), service as the Region H MAL representative, and Society level committees. Her past positions within SWE-CRS include section representative, president, vice president, secretary, and treasurer, as well as various committee positions. She currently serves as the Region H MAL representative, is a member of the membership committee, and is the chair-elect for the Women in Academia interest group. She is also the faculty advisor to the Kettering University A and B collegiate sections of SWE.

Region i—Christi Patton Luks

Christi Patton Luks earned a BS in Chemical Engineering from Texas A&M University in 1981, a MS in Applied Mathematics from the University of Tulsa in 1988, and a PhD in Chemical Engineering from the University of Tulsa in 1993. Christi began her career at Stauffer Chemical Company in Baton

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Rouge, LA and worked as a consultant for Amoco in Tulsa, OK. She recently was appointed Associate Teaching Professor at Missouri University of Science & Technology (MST) in Rolla, MO after 20 years teaching at the University of Tulsa (TU).

Christi Luks has been active in SWE on a local level throughout her career. She served as faculty advisor for the TU SWE section and received multiple awards on campus for her work with the SWE chapter. At MST, she is working with the student section to develop a new outreach event for middle school girls later this year. In her professional SWE activities, after being a MAL for years in Tulsa, she helped to form the Northeast Oklahoma SWE section and served as their first treasurer. She returned to the role of treasurer in 2014 and is finishing out her year of service in that role despite moving to Missouri. She has served on the board of directors of ASEE, and has been very involved in AIChE with a particular focus on women's initiatives and global societal impact efforts.

Region J: Karen Custer

Karen Custer is a Life Member of SWE. She has served as MAL President, MAL Representative, Director of Region C, and Houston Area Section President. Karen earned a B.S. Chemical Engineering from the University of Tulsa and has worked as a Process Engineer for 20+ years.

MAL Alternate Representatives

Region A Alternate—none elected

Region B Alternate 1st—Violettee Brown

Region B Alternate 2nd: Fran Stuart

Region C Alternate: Claire Shortall

Region D Alternate: Nancy Manley

Region E Alternate: Jacquelyn Nagel

Region F Alternate: Karen Roth

Region G Alternate: Cynthia S Reid

Cynthia Reid is a 35-year employee at LORD Corporation in Erie, Pa. She graduated from Penn State with a BS in Mechanical Engineering and is a registered professional engineer in Pennsylvania. Her current position at LORD is as a Staff Engineer in the Product Support Engineering group where she supports in-production and legacy fixed wing engine mounting products. She is a member of SWE, ASME, SAE, and WAI. She led the local ASME section during their revitalization. At LORD, she is secretary of the Quarter Century Club, volunteers and/or leads several outreach programs, and is a member of the Legacy Committee for the consolidation of the Erie facilities. Outside of work, she leads and plays in the Erie County Clarinet Choir, plays in the Erie Playhouse pit orchestra, works with stained glass, and is enjoying decorating her "new" 1874-built home. She is married and has one grown son.

Region H Alternate: Anne Lucietto

Region I Alternate: none elected

Region J Alternate: Linda M S Thomas

Linda Thomas, F. SWE, and Life Member, has been involved in SWE leadership since 1997. She is recognized in SWE for her leadership in Region J as a section officer, region governor and on the board of directors as Director of Regions. She is employed with the Boeing Company as an associate technical fellow with expertise in materials engineering, environmental engineering and system safety when she combines these roles to evaluate effects of environmental regulations on product design, operation and maintenance. She is an instructor at South Seattle College, and an amateur musician and photographer.

Submit a Newsletter Article and Win an Award!

By Emily Ongstad, SWE-MAL Secretary and Newsletter Editor



Since MALs are located in such geographically diverse locations, communication is essential for the MAL organization. Every year, the MALs award one person who has written an exceptional article for our newsletter during the fiscal year the 'MAL Newsletter Article Award.' We encourage you to consider your strengths and experiences and to share your insight with the MAL

community through a newsletter article. We are looking for articles 200—1000 words to include in future newsletters. A broad range of possible topics include, but are not limited to your local outreach events, career tips, leadership, mentoring in your workplace, etc. If you would like to contribute, please send your articles to our Newsletter Editor Emily Ongstad. This is your newsletter!

WE15 Registration and Housing Now Open!

Come meet your fellow MALs at the Society Conference in Nashville, TN! Housing and registration are now open for WE15—Reach Out To Reach Up. MAL representatives are required to attend the MAL Summit and MAL meeting, so let our president Debbie know if you will be attending as well. All MALs are welcome at both the summit

and the MAL meeting! If you're thinking 'why would I go to conference? What can I get out of it?' Check out the article in the last newsletter about the benefits of attending society conference.

Check out the conference website for more information, registration, and housing info. We hope to see you there!

REACH
OUT TO 
REACH
UP 



In Memoriam: Margaret R. Taber (1935-2015)

SWE Fellow Margaret Taber of West Lafayette IN, professor emeritus of Purdue University and 1987 recipient of the Society's Distinguished Engineering Educator award, passed away on June 10. As an educator, she designed, developed, and taught numerous microprocessor courses, ranging from fundamental to advanced specialized courses. A former student once commented that Professor Taber's teaching methods allowed and encouraged students to think for themselves, as she had her students 'solve the puzzles' rather than 'work through the detailed drudgeries.' Margaret, a life member and former MAL representative, joined SWE

Add to the SWE Map

By Claire Shortall, SWE Professional New Section Coordinator & SWE-MAL Membership Coordinator

Each MAL can make tremendous differences in the lives of others by working independently to support and promote the Society's mission. Without a doubt, however, the impact can be more substantial and sustained when many members work together, so the MAL organization encourages MALs to form sections wherever there is sufficient interest among members to do so.

Local professional and collegiate sections provide an excellent forum for socializing, networking, developing career-enhancing skills, and introducing others to opportunities in engineering and related fields. It takes initiative and perseverance to identify others who also want to make a difference, to develop a diverse leadership team, and to build depth and

membership. Alas, sections don't just materialize. Members need to be committed and willing to work to organize a variety of programs and activities for a proposed section to flourish. But there is also much fun to be had, and the rewards for building a team, meeting new people, and serving stakeholders locally are tremendous.

Enhance your networking opportunities and make a greater impact in your community! If you are enrolled at an institution that does not have an active SWE collegiate section and would like to organize one for students on campus, or if you are a professional who would like to develop a professional section in your community, contact [me](#) to get the process started. Step up and add to the SWE map!

Seeking MAL New Faces

By Claire Shortall, SWE-MAL Membership Coordinator

The New Faces of Engineering program strives to "put a face" to what is often referred to as "the stealth profession" by highlighting the accomplishments of young engineers and the impact of their work on society. The goal of the program is to stimulate and encourage students to explore the wide variety of exciting career options available to engineers.

While details are not yet available for this year's nomination cycle, the criteria for SWE's New Faces are expected to remain the same as in previous years. Candidates must be a SWE member in good standing, aged 30 or less as of December 31, 2015, and have an engineering degree from a recognized U.S. college or university or an equivalent international

engineering institution. The impact of the engineering work for the betterment of society seems to be a key component for selection. Participation and leadership in SWE is also highly desirable. Complete information is expected to be available from SWE in September.

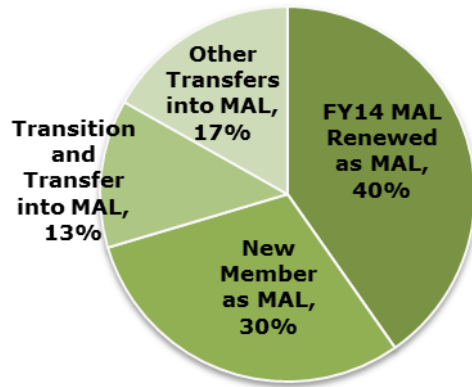
In recent years, several MALs have been recognized by SWE or other organizations in the New Faces of Engineering program. Suggestions for MALs to be considered for nomination by the MAL organization for SWE's 2016 New Faces program should be submitted by September 1. If you believe you would be a good candidate, don't hesitate to let [me](#) know!

Membership Soars

By Claire Shortall, SWE-MAL Membership Coordinator

Membership soared during FY15, increasing 19% for the MALs and 22% for SWE.

were new members and 30% transferred into the MALs from other organizational units. Of the 30% that transferred into the MALs for FY15, 43% did so when they transitioned from collegiate to professional membership.

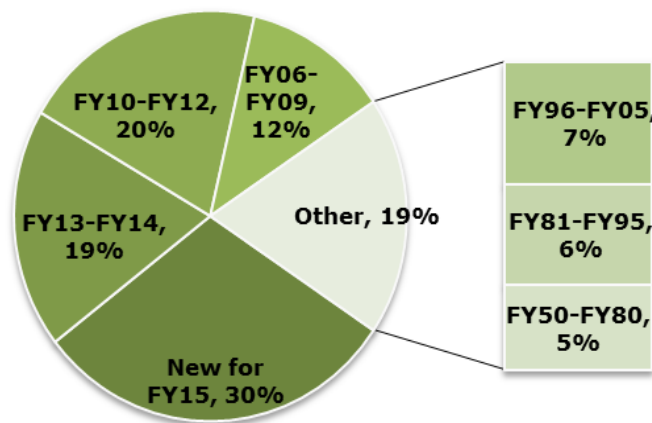


FY15 MAL membership by percentage

Statistics showed 767 paid MALs for FY15, with 641 (84%) professionals and 126 (16%) collegiates. Only 40% had been MALs for more than a year; 30%

Almost half of the paid MALs for FY15 joined SWE within the past three years. More than 80% have been SWE members for less than ten years. About 5% joined SWE more than 35 years ago.

SWE began accepting applications and renewals for FY16 in April. The MAL membership roster listed 900 MALs (764 professionals and 136 collegiates) at the end of June, for a net increase of 133 from the FY15 total: 33 new members joined, 153 transferred into MAL (including 81 transitioning members) from other organizational units, while 53 transferred out. Of the 900 MALs, more than half had not yet renewed for FY16.



FY15 MAL membership by fiscal year joined

MAL Leadership Contacts

MAL Officers

President	Debbie Jacklitch-Kuiken	debbie_jacklitch@yahoo.com
Vice President	Jacquelyn Nagel	jacquelyn.k.nagel@gmail.com
Secretary	Emily Ongstad	nemily@gmail.com
Treasurer	Claire Shortall	claire.shortall@swe.org

MAL Representatives

MAL-A	Leabeth Peterson	Leabeth.peterson@gmail.com
MAL-B	Mary Isaac	mbonkisaac@gmail.com
MAL-C	Victoria Tinsley	tori04@gmail.com
MAL-D	Jennifer Seals Cooper	jennnifer.cooper@swe.org
MAL-E	Beth Mellott	beth.mellott@gmail.com
MAL-F	Maureen Masiulis	Maureen.Masiulis@gd-ais.com
MAL-G	Ali Kowalski	akowalsk@mix.wvu.edu
MAL-H	Diane Peters	dpeters@kettering.edu
MAL-I	Christi Patton Luks	Pattonluks@gmail.com
MAL-J	Karen Custer	karen.mclain@gci.net

MAL Alternate Representatives

MAL-B	Violettee Brown	vi.brown@swe.org
MAL-B	Fran Stuart	frances_s@yahoo.com
MAL-C	Claire Shortall	claire.shortall@swe.org
MAL-D	Nancy Manley	nancy.manley@us.af.mil
MAL-E	Jacquelyn Nagel	jacquelyn.k.nagel@gmail.com
MAL-F	Karen Roth	nightcaeryn@gmail.com
MAL-G	Cynthia S Reid	cynthia_reid@lord.com
MAL-H	Anne Lucietto	anne.lucietto@sbcglobal.net
MAL-J	Linda MS Thomas	lindamsthoras@gmail.com

MAL Committee Chairs/Coordinators

Awards Chair	Stacey Culver	stacey.culver@swe.org
Financial Assessment Chair	Karen Roth	nightcaeryn@gmail.com
Leadership Coach	Beth Posey-Leonhard	bethpl07@gmail.com
Membership Coordinator	Claire Shortall	claire.shortall@swe.org
Newsletter Editor	Emily Ongstad	nemily@gmail.com
Outreach Coordinator	Victoria Tinsley	tori04@gmail.com
Website and Social Media Coordinator	vacant	



Society of Women Engineers
Aspire / Advance / Achieve

Stay Connected!

As a MAL, it can be difficult to stay connected to SWE. Find us on social media and online to stay in the know about MAL and the Society!

Help Wanted!

Committee Chairs: There is currently a vacancy in the Website and Social Media Coordinator position. If you are interested, please contact the secretary, [Emily Ongstad](#).

Newsletter Contributors: Looking for articles 200-1000 words to include in future newsletters. A broad range of possible topics include but are not limited to your local outreach events, career tips, leadership, mentoring in your workplace, etc. The MAL awards

committee will select the best newsletter article award each fiscal year. Additionally, authors of all published articles are eligible for the newsletter contributor drawing. If you would like to contribute, please send your articles to our editor, [Emily Ongstad](#). This is your newsletter!

Awards Judges: If you're interesting in judging the MAL Awards packets, please contact MAL Awards Chair [Stacey Culver](#).

MAL Calendar

WE15, Nashville, TN	October 22-24
MAL Summit	October 21
MAL Meeting	October 22
SWE MAL New Faces Nominations Due	September 1