Message from the Chair

Greetings to all ASEE Fellows:
Having wrapped up my duties as the Secretary and President-Elect of the Academy, I now proceed as the Chair, with my first assignment being to write this message.
We had a great turn-out, a full room, of 62 persons at our breakfast meeting in San Antonio last June. It is always amazing and fun to meet with this special group of education leaders from across the country representing years of dedicated service to engineering and to our students. I thank Carl Locke for his gracious and committed service to the Academy of Fellows as the Chair for the past two years. Carl is Dean Emeritus and has been an education leader for many years with a current involvement in the accreditation of engineering programs in the US. He is also a triple-Fellow with the American Institute of Chemical Engineers, the National Society of Professional Engineers, and ASEE. Thanks, Carl.

A highlight of the meeting was the recognition of Rich Felder as the first recipient of the ASEE Life-Time Achievement in Engineering Education Award. This award is for his role as an outstanding model for young people in engineering education. Lyle Feisel spearheaded the establishment of this award which is now close to a $50,000 endowment. A separate selection committee was used to determine the awardee.

Wally Fowler was elected as the new Secretary and President-Elect for our Academy of Fellows.

Frank Gourley kindly agreed to continue as the Fellows Newsletter Editor. The Academy passed a motion that commended Frank for the excellence of his work. Please help him by remembering to turn in your news items promptly.

Our next meeting is in Atlanta, Georgia on Wednesday, June 26, 8:45AM to 10:15AM. The Academy of Fellows Breakfast will be held in the Omni CNN Center Hold, Omni-International Ballroom A. Unfortunately, there has been some taxation without representation, and our meal cost is now $25. However, note that this is the early registration price. The cost is $35 for on-site registration, so be sure to register early and get the price break. I thought about appointing several committees to make sure that we bring in several special speakers, but then I remembered that this is the neat organization which is not supposed to do anything and which prides itself in reaching this goal. We will have several special speakers though from the ASEE Board.

If you cannot attend this year, please let us know how you are doing. You can contact me, Wally Fowler, or Frank Gourley by email with updates. Our email addresses are given in this newsletter. I look forward to seeing you all in Atlanta!

Mary Anderson-Rowland, Chair, ASEE Academy of Fellows
Use the Fellows Website

Just can’t place one of the Fellows? Is there a Fellow you haven’t seen recently and would like to be in contact with? Well, now you can get contact information on them through the Fellows website at ASEE. Log in at www.asee.org/activities/organization/fellows. On the left side select Fellows Contact Info. Enter your username and password, do an alpha search for the individual you want to contact, click on the plus (+) sign, and write down the contact info you need. (Thanks to Dwight Wardell, and the IT Department, at ASEE for this feature.)

Additional Fellows Photos and Info
Photos of New Fellows, and additional info about the Fellows, may be found at the ASEE website –asee.org. Select: For Members, Divisions & Groups, and Academy of Fellows. Options then include: Fellows (alpha list of Fellows with affiliation and induction year), Newly Elected Fellows (w/ photos - click camera icon), Officers, How to Nominate, Meeting Minutes, and Fellows Newsletters (past).

Fellow Selection Committee
From Angie Perna, Chair: Fellows are encouraged to nominate worthy ASEE members for the new Fellows to be inducted at the 2013 ASEE Annual Conference. The information is available at the ASEE website under the Resources, Divisions & Groups, Academy of Fellows tabs. The deadline for nominations is February 1, 2013. Nominations need to be in ASAP. It is an electronic process this year. Contact Angie if you have questions at perna@njit.edu.

Academy Officers
Mary Anderson-Rowland, Chair, mary.anderson@asu.edu
Carl Locke, Past Chair, lok@ku.edu
Wally Fowler, Secy & Chair Elect, Wallace.Fowler@austin.utexas.edu
Frank Gourley, Newsletter Editor, fgourley@wvutech.edu.

Mark Your Calendars
ASEE Annual Conference:
Atlanta, GA. June 23-26, 2013
Indianapolis, IN. June 15-18, 2014
Seattle, WA. June 14-17, 2015.
New Orleans, LA. June 26-29, 2016
Columbus, OH. June 25-28, 2017
Salt Lake City, UT. June 24-27, 2018
Tampa, FL. June 16-19, 2019
Montreal, Quebec, Canada. June 21-24, 2020
Conf for Industry & Educ Collaboration (CIEC):
Phoenix, AZ. February 6-8, 2013.
Savannah, GA. 2014
Palm Springs, CA. 2015
Austin, TX. 2016
Jacksonville, FL. 2017
Engineering Research Council Annual Conf:
Washington, DC. March 3-5, 2013
Engineering Dean’s Institute:
New York City. 2013
Phoenix/Scottsdale, AZ. 2014
Kiawah Island, SC. 2015
San Francisco, CA. 2016
Engr Deans Council Public Policy Colloquium:
Washington, DC. February 11-13, 2013
(Same. 2014-2020)
Engineering Tech Leadership Institute (ETLI):
University of Houston. Oct 3-5, 2013
Kent State, 2014
ASEE Workshop on K-12 Engr Educ:
Atlanta, GA. June 22, 2013
National Effective Teaching Institute:
Atlanta, GA. June 20-22, 2013
Seattle, WA. October 7-8, 2013
International Conf on Engr Ed & Research:
Marrakesh, Morocco. July 1 -5, 2013, the 2013
For additional info: Visit www.asee.org
1. The meeting was called to order with the *Bill Wilhelm Gavel* at 9:15 by Fellows Chair Carl Locke.
2. Chair Locke called for a moment of silence to recognize members lost during the past year.
3. ASEE Officers in attendance were recognized: Renata Engel, Past ASEE President; Ken Galloway, ASEE President-Elect; Ray Haynes, ASEE Vice-President of Finance; Nick Altiero, Chair, Engineering Dean’s Council; Walt Buchanan, ASEE President-Elect; and Don Giddens, ASEE President.
4. The new Fellows each introduced themselves.
5. This was followed by the self-introductions of the not-so-new Fellows.

6. Greetings were relayed from several Absent Fellows.
7. Recognition was given by Chair Locke to the Breakfast Sponsors (ASEE) and the ASEE Staff who helped the Fellows Academy during the year- Dwight Wardell, Tim Manicom, Sandra Wingate-Bey, and Patti Greenwalt.
8. ASEE President-Elect Walt Buchanan gave remarks to the Academy. An emphasis of his administration will be community colleges.
9. ASEE President Don Giddens then gave his comments.
10. Old Business was called for, but there was none.
11. New Business was invited. Andy Perna responded with a motion to commend Frank Gourley for his excellent work publishing the Fellows Newsletter. This motion was approved by all Fellows present. Frank thanked everyone for their contributions to the Newsletter. He acknowledged that the process was a lot of work, but that it was also fun.

Rich Felder was congratulated for being selected as the first recipient of the ASEE Life-Time Achievement in Engineering Education Award. Lyle Feisel was commended for having organized and raised the money for this endowed award. The award fund is now close to $50,000.

12. Sarah Rajala gave the Report of the Nominating Committee. The Nominating Committee consisted of Bill Wilhelm, Mary Anderson-Rowland, and Sarah. The new nominee is Wally Fowler for Secretary and Chair-Elect.

13. Election of Officers: Sarah then presented the slate of officers for 2012-2014. Chair: Mary Anderson-Rowland; Secretary and President-Elect: Wally Fowler; Newsletter Editor: Frank Gourley

A motion to accept the slate was made and seconded. The Academy passed the motion.

14. ASEE Executive Director Norm Fortenberry presented comments to the assembly. Chair Locke thanked Norm for ASEE’s subsidizing of the Fellows Breakfast.

15. Chair Carl Locke transferred the *Bill Wilhelm Gavel* to new Chair, Mary Anderson-Rowland. Mary thanked Chair Locke for his two years of dedicated service to the Fellows Academy. Chair Anderson-Rowland advised the members that it was always good to learn a second language. (This worked especially well for a Momma Cat with her kittens which were being pestered by a dog. 😃)

16. Members were asked to stay for photos of New Fellows and Award Recipients.

17. The next meeting of the Academy of Fellows will be June 26, 2013 in Atlanta, Georgia.

18. Chair Anderson-Rowland adjourned the meeting with the *Bill Wilhelm Gavel* at 10:10am.

Attendance: 62

Respectfully Submitted,

Mary Anderson-Rowland
Secretary and President-Elect
ANNUAL MEETING MINUTES (cont’d)

Those recording their attendance (55) at the Fellows meeting included:

Robert Mott, University of Dayton; Renata Engel, Penn State; Angelo Perna, NJIT; Ray Jacquout, Univ. of WY; Joseph Shaeiwitz, West Virginia Univ; Andrew Pytel, Penn State; John W. Prados, Univ. of Tennessee; Larry Wolf, Oregon Inst. of Tech.; John A. Weese, Texas A&M College Station, Retired; Adeyinka A. Adeyiga, Hampton University; Sarah Rajala, Mississippi State Univ.; Eugene M. DeLoatch, Morgan State Univ.; Theodore “Ted” A. Bickart, Colorado School of Mines, Retired; Wallace Fowler, U. of Texas, Austin; Lyle Feisel, SUNY - Binghamton, Retired; Lia Brillhart, TRITON; Jim Melsa, Iowa State Univ.; Ray Haynes, Cal Poly/Northrop Grumman; Ray Morrison, Lockheed Martin/ LASL/Univ of Calif; Paul Peercy, U. Wisconsin-Madison; Charles Haines, RIT; Joe Rencis, Tennessee Tech U.; Robert H. Todd, BYU; Tom Roberts; Kansas State Univ.; Larry Genalo, Iowa State U; Jerry Thuesen, Georgia Tech; Ed Segner, Univ. of Ala. – Birmingham; Dan Budny, Univ. of Pittsburgh; Teri Reed-Rhoads, Purdue, W. Lafayette, Linda Krute, North Carolina State U; Dennis Fallon, The Citadel; Bill Oakes, Purdue Univ; Marvin Criswell, Colorado State U; Don Giddens, Georgia Tech; Karl Smith, U Minnesota & Purdue U; Matthew Ohland, Purdue U; John Heywood, U of Dublin, Trinity College; Rich Felder, N. C. State University; Mary Anderson-Rowland, Arizona State University; Carl Locke, Univ of Kansas; Edwin C Jones, Jr., Iowa State U/ U of St Thomas; Jeffrey E. Froyd, Texas A&M University; Diane Rover, Iowa State Univ; Larry Shuman, U. of Pittsburgh; Mary Besterfield, U. of Pittsburgh; Ken Galloway, Vanderbilt U.; Ron Barr, U. Texas – Austin; Ernest Smerdon, U. of Arizona; Frank Croft, Ohio State University; Duane Abata, S. D. School of Mines; Pat Fox, IUPUI; Lucy Morse, UCF; Charlie McIntyre, NDSU; Robert (Bob) Herrick, Purdue University; Thomas (Tom) Hall, Northwestern State U.; Larry G. Richards, Univ. of Virginia; Maarwan Simaan, UCF; Nick Altiero, Tulane; Marilyn Dyrud, OIT; Walter Buchanan, Texas A&M; Jane Fraser, Colorado State-Pueblo; Frank Gourley, WVU Inst. of Tech, Retired.

Respectfully submitted, Mary Anderson-Rowland, Fellows Vice/Chair/Secretary

Note: There wasn’t room to include email addresses or telephone numbers for those attending, but they are available. If you would like a copy, contact Frank Gourley at fgourley@wvutech.edu

Photo Credits
We have lots of great photos from Fellows in the Fellows News Section. Frank Gourley took the photographs used in other sections of this issue at the 2012 Academy of Fellows meeting in San Antonio. Clarity of some photos may be reduced to keep the Newsletter file size low (quicker upload time).

Doodle here.
ANNUAL MEETING MINUTES (cont’d)

New Fellows:
Above photo (l to r):
Charles McIntire, North Dakota State University;
Matthew Ohland, Purdue University;
Diane Rover, Iowa State University;
Larry Genalo, Iowa State University;
Jane Fraser, Colorado State University – Pueblo;
Tom Hall, Northwestern State University (LA);
Robert (Bob) Herrick, Purdue University;
Jeffrey Froyd, Texas A & M University

Reminder - Reduced Membership Dues
If you are retired, or if you have ‘been around’ long enough, you might qualify for reduced, or no, membership dues as a Retired or Life Member.

For professional members who have retired from full-time employment, dues are $30/year. Members whose years of age plus years of continuous paid membership in ASEE totals 100 or more (Age + Years of membership = 100), upon application to and approval by the ASEE Board of Directors or the Executive Committee of the Board of Directors, become Life Members and pay no dues. (Dues: $0.) Life members pay a $50 registration fee for the Annual Conference. Retired members receive a 50% discount on registration. All members pay for ticketed events.

Check out the Membership web pages of the ASEE website for additional information and a copy of the one-page application form, or call the ASEE Membership Department for additional information.

ASEE Award Recipients-2012
Benjamin G. Lamme Award, Lester Gerhardt
Chester F. Carlson Award, William C. Oakes
Sharon Keillor Award, Mary Besterfield-Sacre;
Lifetime Achievement Award, Richard Felder
James H. McGraw Award, Ashok Agrawal
William E. Wickenden Award, Matt Ohland

(Intentionally left blank!)
Fellow Fodder - Fall 2012

(Ed. Note: Thanks for the great response to the call for, as Frank Burris put it, Fellow Fodder! Please read below for reports on the many interesting activities of your friends in ASEE!)

There’s something that ASEE Fellows might do to help ASEE Headquarters. Long-time members will recall a major study, Goals of Engineering Education, undertaken in the late 1960’s. The report of that study was published in the Journal of Engineering Education, vol 58, January 1968, pp 367-446. For a long time, it was missing from the list of ASEE reports on the ASEE web site. I had asked Warren Sallade to post a copy but ASEE Headquarters doesn’t have one. They have an archive of JEE’s that’s stored off site. They retrieved that volume but it is all bound. Consequently, it is very difficult to scan it so that all of the text and graphics come out clearly. I have moved five times since the report came out so my copy of that JEE issue is long gone but perhaps there is an ASEE Fellow who’s had the good fortune to have stayed put and maybe that Fellow can find the January 1968 issue of the Journal of Engineering Education. Hopefully it is a single copy of the issue that would lay good and flat on the surface of a copier. If that is the case and that Fellow is still in good touch with the institution where he/she worked, perhaps the institution might consent to make a really good PDF of the report for ASEE so that ASEE would have a much improved copy of the report for its web site. It’d also be great if that Fellow would be willing to send that issue on loan to ASEE’s Executive Director, Dr. Norman Fortenberry. Dr. Fortenberry could have an ASEE staff member make the PDF and return the Journal to the Fellow. Thanks for your help. - John A. Weese

On September 30, 2012 the National Academy of Engineering (NAE) awarded the 2012 Founders Award to Nicholas A. Peppas of the University of Texas at Austin (See http://www.nae.edu/Activities/Projects/Awards/FoundersAwards/62612/62617.aspx). The Founders Award is the highest recognition bestowed by NAE to its members. Peppas has been the recipient of several ASEE awards including the 1988 Curtis McGraw Award for best engineering research under the age of 40, the 1992 George Westinghouse Award recognizing the best teacher, the 2000 General Electric Senior Research Award recognizing an outstanding engineering researcher, the 2006 Chemical Engineering award and election to ASEE Fellow in 2008. Peppas has been elected a Fellow of ACS, APS, AIChE, MRS, BMES, AIMBE, SFB, CRS, AAPS, AAAS, and ASEE. – Nicholas Peppas

I'm still at it...still teaching at Virginia Tech! I have 115 students in an elective course and in a room with 115 seats. I had a bout with cancer in my throat 4 1/2 years ago and had that treated through chemo and radiation at UNC Chapel Hill. But then a tumor was detected a year and a half ago at the base of my tongue and it had to be cut out. Had that done at Wake Forest! Eleven hours of surgery which consisted of taking flesh from my wrist and one of two arteries from my hand to build a new tongue. And then more flesh from my behind to replace the flesh taken from my wrist! A week later I was out of the hospital and heading home. It seemed to me I didn't sound the same with my new tongue. I went down to school and encountered a student I had in class. After a minute or two of conversation I asked him he could clearly understand me. He replied, "I understand you a lot better than my chemistry teacher." So my new tongue and I have been at it again for the past year and a half. Am scheduled again for the Spring Semester! The dean loves me because I'm very cheap and my wife loves me because I'm out of the house in the morning. - Paul Torgersen

Having fun as usual! Several key events include: 1. Representing ASEE at Fall ABET BOD meeting along with Gene DeLoatch. The major ABET news is that they are considering buying a building rather than leasing. Also, need for more PEVs remains a key focus, particularly from industry. Karan Watson's presidency is off to great start. 2. Participating in Fall ASEE BOD/Executive Committee meeting at HQ as VP Finance. Norman is doing an excellent job and all trends are positive. 3. Spending Thanksgiving holiday on Long Island with kids and grandkids, ate too much but lots of fun. Diet and exercise in future plans.

Regards, Ray Haynes
In 2012 ASEE has showcased a number of Engineering Educators on its website to promote and increase the ASEE membership. I was also among the selected. One can get this information on the following site: http://asee.org/asee-is-me. In addition, I continue to bag awards. I think it is a sign that I am approaching the end of my career. Some of them are prestigious awards from India. They are listed as below:

1. Institute of Engineering & Technology (IET) U.K Heaviside Medal for achievements in Control (2012)
3. Sardar Patel International Award (2012)
4. SAE Aerospace Engineering Leadership Award (2012)
5. ASME Dedicated Service Award (2012)
6. Hind Rattan (Jewel of India) Award (2012)

Thanks. Ramesh Agarwal

Dr. Jennifer Sinclair Curtis, Distinguished Professor of Chemical Engineering at the University of Florida, has been elected Fellow of AAAS.

Jeffrey Froyd began his term as the Editor-in-Chief for the IEEE Transactions on Education on 1 September 2012.

Over the past couple of years, due to some small physical problems and unforeseen events for our family, Pat and I have had to reduce our travel significantly. We have missed seeing many of you at the past two ASEE Annual Conferences. In spite of this, we continue to think of you often along with the many good ASEE memories we have. This year during May we had an exciting month. Our second great grandchild, Sebastion, was born May 7th, and a week later our third great grandchild, Elah, was born. Fortunately, Sebastion lives here in Wichita and we have been able to watch his growth and progress weekly for the past six weeks. What an exciting time it has been for Pat and me. Best wishes from Wichita. We hope all of you had a wonderful Christmas and will have an exciting 2013. - Bill Wilhelm

Greetings from Jaw-Jah! On August 6, 2012, Northwestern State University made me Professor Emeritus in a very nice ceremony. Katy and I purchased a house in Augusta, Georgia, in July and are in the process of moving from Louisiana. For now, we are living in Augusta, although some of our furniture is still in the house in Natchitoches while it is on the market. Unfortunately, this is a sloooooooow time to be selling a house. Volunteering with ABET, IEEE, the Engineering Technology Council, and the Journal of Engineering Technology keeps me busy in retirement and out of trouble. – Tom Hall

I am just suffering down here in Florida! Playing golf, and enjoying the warm weather! I am still generating the UMaine College of Engineering admissions list for the department chairs (for free), but pretty much that is it. It is good to be able to stay connected with them, and it is also very good for you to keep us connected with our ASEE colleagues. – John McDonough
A lot has happened in our lives since our ASEE meeting and the Fellows Breakfast at San Antonio in June. I can't remember if I noted to you in the last newsletter that we completed our 609th industry sponsored Capstone project at BYU in April. I served as the Founding Director for many years. Also the team that I personally coached had a project to design and build a Formula style, open-wheeled, gasoline-electric, hybrid race car. The team competed at the SAE/IEEE FSAE Design competition at the Loudin, New Hampshire Speedway and won 1st place overall. A different team had won 2nd place overall last year with a different vehicle.

After 23 years at BYU, 4 years at GM as a Sr. Project Engineer and engineering manager, and 6 years at Michelin as the Director of Manufacturing Development for North America, and 8 years before this at BYU-Idaho (then Ricks College), I retired from my teaching and research at BYU on September 1st. I have loved my teaching and research at BYU and through the years have developed a great love for my students!

Since my retirement, my wife and I have been called to serve a mission to Madagascar for our church, The Church of Jesus Christ of Latter-day Saints. We are in language immersion training right now and will be leaving for our mission in January. We are looking forward to this additional opportunity to serve!

Please give our very best to all of the ASE Fellows and their families! - Bob Todd

I may have already have sent you a note to you about the happenings in our lives recently, but I have had a bit of a problem with my computer. If I have already sent something about this, just disregard this message. Thanks Frank!

I retired from teaching and research at BYU September 1st and in November, my wife and I were called to serve an 18 month mission for our church, The Church of Jesus Christ of latter-day Saints, in Madagascar. We leave for Madagascar about the end of January. Since September 1st I have also been working on completing the restoration of an original 1931 Model A Ford Roadster to original condition.

Both my wife and I are excited about our upcoming mission and the opportunity to serve and to learn! Our church continues to grow throughout the world and rapidly in many places. Madagascar is one of those places where the church is growing rapidly. Our assignment will be to serve in a small city called Antsirabe which is about 3 hours south of the nation's capitol, Antananarivo.

During the past month, we have been in an immersion language training program relearning some French from my years serving as the director of manufacturing development for Michelin in North America, and trying also to learn some of the Malagasy language.

The summer was a busy one with a study abroad class that I team taught for the 4th year in Singapore at the National University of Singapore on the topic, "Fundamentals of International Product Design and Development". We had 39 students from BYU, Penn State and the national university of Singapore. I also coach a team of students that won 1st place at the SAE/IEEE Formula Hybrid design competition in New Hampshire at the New Hampshire Speedway, in addition to attending the ASEE meeting in San Antonio, Texas, and giving a talk at BYU-Hawaii in June.

I will miss my association with the wonderful students, faculty and staff of Brigham Young University and the privilege of working with them for the past 23 years after my ten year stint in industry with General Motors at the Technical Center and Michelin in France and Europe, and my eight years before that at BYU-Idaho.

Please give my very best to all of the wonderful ASE Fellows. They have been such a good example to me in so many ways through the past many years. I have been a member of ASE since 1971 and observed recently that I have paid Social Security taxes for more than 58 years and have enjoyed my work and career immensely. I love students and the great privilege of working with them on interesting engineering design and manufacturing projects! I have learned so much from so many wonderful people and the circumstances that have occurred in my life. Sincerely, Bob Todd

Russ and Beth Jones enjoyed considerable travel during 2012 in the US: touring three Hawaiian islands; a visit to family in California followed by a drive up the coast to Yosemite; migratory bird watching at Bombay Hook; fall getaway at Rehoboth Beach; the annual pony swim at Chincoteague Island; Pittsburgh, where Russ received a distinguished alumni award from Carnegie Mellon University; Chicago for a professional society conference; and Massachusetts and New Hampshire to visit family. Adventure travel came in two packages: a two week river cruise from Amsterdam to Budapest on a luxury boat longer than a football field, and a ten day nature oriented cruise on the Upper Amazon in Peru.
Russ continued part time service as a consultant in international education, as well as volunteer efforts for the engineering profession and for his church. He was elected to the Board of their homeowners association – a mixed blessing. Beth continued her leadership as President of the Center for Quality Assurance in International Education, which assignment left her more than enough time to pursue her “domestic goddess” aims, including superb healthy cooking. She contributed significant effort to the annual holiday bazaar at her church. - **Russ Jones**

I am still working at the University of Florida as Senior Vice President and Chief Operating Officer. - **Win Phillips**

The Hong Kong University of Science and Technology (HKUST) awarded an honorary doctorate to **H. Vincent Poor**, dean of Princeton’s School of Engineering and Applied Science, in recognition of his fundamental contributions to wireless communications and his innovations in undergraduate education. HKUST, regarded as one of Asia’s top universities in engineering, awarded its Doctor of Engineering *Honoris Causa* degree to Poor at its 20th Congregation ceremony on Nov. 16. Among numerous other honors, Poor is a member of the National Academy of Engineering and the National Academy of Sciences. He is a fellow of the American Academy of Arts and Sciences and an international fellow of the Royal Academy of Engineering of the United Kingdom.

Our NSF funded ATE (Advanced Technological Education) Center of Excellence (FLATE) was refunded for an additional three years (2012 – 2015, $2.8M) and was recognized by the U.S. Department of Labor as foundational to one of the $15M TAACCCT grants awarded in Florida to community colleges. FLATE also completed it special project for Iberian Technician Excellence with eight Florida community college A.S. students completing a three credit hour course in alternative energy technologies at Urbsil Technical College in the Basque region of Spain. I and four community college faculty shared the experience and chaperoning duties during the 3 week session in in May – June 2012. On vacation, I had a wonderful trip to Japan in September, including palaces and shrines in and around Kyoto, the gurgling volcano of Mt Aso, and the Peace Park in Hiroshima. - **Marilyn Barger**

Summer on the Eastern Shore of Maryland was as pleasant as ever. I didn’t get much crabbing done but my neighbor was pretty successful so dropped off a dozen or so from time to time. He also has friends who “arster” so once the R months came he brought the occasional dozen on the half shell. Life on the Chesapeake Bay!

We didn’t spend all of our time here, however. I am currently chair of the IEEE History Committee and that prompted several trips to New Jersey, one to California, one to Italy and one to Uruguay. As long as we were in Italy we decided to spend a couple more weeks travelling in Switzerland and France. In Switzerland, we visited a man who had been our exchange student 35 years ago. We also took the Glacier Express through the Alps, something you should do if you find yourself in that part of the world. In Uruguay, I represented IEEE at the dedication of an IEEE Milestone some 150 km north of Montevideo. It is a dam and power station that has a very interesting story. If you are interested in engineering history, I think you would enjoy reading about it at: [http://www.ieeehmn.org/wiki/index.php/Milestones:Rinc%C3%B3n_del_Bonete](http://www.ieeehmn.org/wiki/index.php/Milestones:Rinc%C3%B3n_del_Bonete)

And, of course, once again, if we were already in South America, we had just as well look around a bit. So we visited Iguazu Falls (awesome), Rio de Janeiro (a bikini lovers paradise) and Salvador, Brazil (the colonial capitol). So, Dorothy and I have been busy since our last Fellows meeting in June. I hope this finds all of you in good health and ready to enjoy the new year, both the Mayan and the Gregorian. - **Lyle Fiesel**
Season’s greetings to the community of ASEE Fellows. Since my retirement from the University of Colorado in 1999 and my subsequent retirement from the University of Cincinnati in 2005 (one needs to practice important things such as retirement!), I have continued to be active in the field of chemical engineering. From 2005 to 2008 I held the Isaac M. Meyer Chair Professorship at the National University of Singapore. This provided a much-needed opportunity to finish writing my book on "Scaling Analysis in Modeling Transport and Reaction Processes". Since 2008 I have been a Visiting Professor in the Singapore Membrane Technology Center at Nanyang Technological University where I have focused on research in water desalination, treatment, and reuse. I recently was honored via three technical sessions at the AIChE Annual Meeting in Pittsburgh that were sponsored by the Separations Division on the occasion of my 50th year in chemical engineering. - Bill Krantz

My wife and I are presently in our condo in Boulder but will be leaving on January 4th for Singapore. We will spend one week there while I do some work at the Singapore Membrane Technology Center, after which we leave for two weeks of vacation in Myanmar, a country that we have always wanted to visit. We then return to Singapore where I will spend another two weeks at the Membrane Center. We then head to San Diego where we have a condo that serves as our winter retreat. Between the beginning of March and the end of the year I will make four more trips to Singapore. Needless to say, I generate a lot of frequent flyer miles on United Airlines! - Bill Krantz

I'm not sure how newsworthy these items are so you can either use them or not.
1. On December 10th I had spinal decompression and fusion surgery. Four vertebrae, L3, 4, 5, and S1 were fused. Titanium rods and screws now make my MRIs part of our biomaterials course. I'm healing quickly and will be teaching again at the start of spring semester. The surgery went so well that the nurses and doctor can't believe how little pain I have and how well I'm moving already. No, not fun, but necessary, and a great result so far. I'm really looking forward to Torino. 2. I'll be teaching our Iowa State University Computations in Materials course at Politecnico Di Torino in Italy this summer. 3. The NSF Grantees Poster Session at the ASEE Annual Conference will have over 100 presenters this June. - Larry Genalo

During 2012, Ray Landis served as keynote speaker at the NAMEPA Annual Conference in Scottsdale, Arizona and for four ASEE section meetings—the Pacific Northwest Section in Portland; the Gulf Southwest Section in El Paso; the Mid Atlantic Section in Newark, Delaware; and the Midwest Section in Rolla, Missouri. He also delivered his annual three-day Chautauqua short course “Enhancing Student Success through a Model Introduction to Engineering Course” in May and conducted faculty development workshops at UT El Paso, Texas A&M University, New Jersey Institute of Technology, Itasca Community College, and Houston Community College. Ray continues to work on his text Studying Engineering: A Road Map to a Rewarding Career. The writing of the new Fourth Edition is complete and the book is at the printer. Copies will be available by mid-January, 2013, with use beginning as early as the Spring, 2013 term. New sections on teamwork and leadership, study abroad, entrepreneurship, reverse engineering, life-long learning, engineering ethics, and fixed vs. growth mindsets are included. A new introductory chapter titled “What This Book Has to Offer and How to Get It” has been added. The NAE Grand Challenges for Engineering are used to demonstrate future directions for engineering, and a case study on the University of Maryland Human-Powered Helicopter project is used to bring the engineering design process to life. Ray is interested in developing “advocates” for his book and for moving engineering education from a “sink or swim” paradigm to one of “student development.” Any ASEE Fellows who are willing to read Studying Engineering and support this effort should let Ray know at: rlandis@calstatela.edu.
In response to your call for copy, I can relate that Betty and I are still bumbling along. We weren't able to attend the June 2012 annual conference - ASEE pulled a fast one on us. In past years the conference started on Father's day, toward the end of the month. This year they chose an earlier date, and we had already signed up for a trip to north and west Texas, including a visit to the Palo Duro Canyon, south of Amarillo. So I missed the chance to exchange lies and insults with the Fellows.

In late August and early September, we took a cruise in the eastern Mediterranean on board the Holland America Line's RYNDAM. We boarded in Barcelona, visited Palermo and Catania (Mt. Etna), Sicily; Olympia and Corfu, Greece; Dubrovnik, Croatia; Kotor, Montenegro; Naples, Italy; and back to Barcelona for the trip home. Good trip - particularly enjoyed the climb up to the Mt. Etna crater, Dubrovnik, Kotor, and the drive along the Amalfi Coast. Most of these places were on our bucket list. During the year we tried to keep up with six grandchildren here in Austin, plus visits from Betty's two sons, both civil engineers. I can guarantee, they are all faster on their feet than we are! But we are still on the right side of the grass, and looking forward to whatever 2013 might bring. Please give my warm regards to all my ASEE colleagues! - Jim Stice

Effective April 1, 2013, I will become the new Dean of Engineering at Iowa State University, per http://www.inside.iastate.edu/article/2012/12/20/dean. Although it will be difficult to say goodbye to my friends and colleagues at Mississippi State, I am very excited about my new opportunity at Iowa State. I will provide new contact information later in the spring. - Sarah Rajala

I am retiring from St. Louis Community College after having spent 35 years in higher education and 23 of that at St. Louis Community College, and I am joining ASEE in January as the Managing Director of Professional Development. - Ashok Agrawal

This year I led a team involved in creating a design-focused General Engineering degree specifically created to prepare engineering graduates for simultaneous licensure as secondary school science and math teachers. The CUTeach Engineering degree is designed to be ABET-accreditable. After an intense internal nine-month design and benchmarking study, we just submitted the proposal to our campus leaders for approval. Evidence of student interest: of the 820 undergrad CU engineering students who replied to our voluntary survey about interest in teaching in middle-high school, over 20% said that they themselves are! Just think: if engineering attracted women and men to the field who want to teach science and math and engineering as part of their engineering journey, perhaps weaving in and out of teaching and engineering practice throughout their career. Why not? Who better to teach science and math than engineers who have learned how to teach, know their science/math/engineering content well, and can actually apply all three in a design context in the classroom and beyond? Just think of the role models they will be to children (ans their parents), and the introduction of engineering language and habits of mind of early on in the lives of all children. So engineering as part of the K-12 STEM solution... - Jackie Sullivan

Dr. Angelo (Angie) J. Perna was recently honored by The American Institute of Chemical Engineers/ Omega Chi Epsilon (The Chemical Engineering Honor Society) by naming the Second Place Award in the National Student Paper Competition ‘The Angelo
J. Perna Award’. The honor was awarded in recognition of his forty-five years of service to Omega Chi Epsilon as a faculty advisor and as the national President twice.

Wally Fowler has just completed the fall 2012 semester at the U of Texas at Austin. He taught the capstone spacecraft/mission design course in aerospace engineering and the required introduction to systems engineering. He and his graduate students are developing mission planning software that develops prototype trajectories for complex space missions. Over Christmas break, he and his wife visited his daughter and grandchildren in Mississippi. He will again teach the capstone design course in the spring as well as a graduate course focusing on methods for analyzing and characterizing space missions. He continues to serve as the director for NASA’s Texas Space Grant Consortium.

I have never written to you but I have enjoyed the Fellows Newsletters that you have sent out. Thanks for taking on that task on behalf of the Fellows. It is always nice to stay in touch. Should you have space in the Newsletter, perhaps this short write up might fit somewhere: L.S. “Skip” Fletcher retired from Texas A&M University in 2006 after serving as an IPA with NASA Ames for about 7 years. He and Nancy relocated to California to be closer to their son and daughter where they have become farmers with approximately 150 avocado trees, nearly 50 fruit trees and a big garden. The goal has been to get more exercise, eat healthier than in the past and grow fruit and vegetables for personal use, and the surplus is given away or goes to the local food pantry. Skip serves on the Board of Trustees or Advisory Board for several international institutions, continues some research activities at Texas A&M, does a little consulting and with a 10,000+ pound avocado crop in 2012, hugs his avocado trees as often as he can to ensure greater productivity in 2013. -- Skip Fletcher

Sharon and I are still enjoying retirement. I am spending about 20 hours a week as President of our 107 member Rotary Club. Service clubs are facing membership problems and our club is no exception. We are still working on our domestic travel bucket list. Last summer we visited four National Parks and two National Monuments—Rock Mountain NP, Badlands NP, Yellowstone NP, Grand Teton NP, and Mount Rushmore and the Devil’s Tower. I am attempting to be a serious amateur photographer, but progress is slow. Our newest activity is ballroom dancing. I have been told that if we stay committed for two years, we will likely continue. I am finding it as difficult as golf, and my ASEE golfing buddies will tell you my golf game needs consistent attention. Hope to see you at the Fellow’s breakfast in Atlanta.

Paul S. Peercy is retiring after almost 14 years as dean of the University of Wisconsin-Madison College of Engineering. The University conducted an international search for a new engineering dean and selected Dr. Ian M. Robertson for that position. Peercy will continue to serve as dean until Dr. Robertson makes the transition. A member of the National Academy of Engineering, Peercy earlier followed a postdoctoral appointment at Bell Laboratories with 27 years at Sandia National Laboratories; he spent the latter half of the 1990’s as president of SEMI/SEMATECH, a consortium steering technical issues for the semiconductor industry, before becoming dean at the University of Wisconsin-Madison College of Engineering.
Your Editor made the San Antonio meeting an occasion to take a two-week road trip. We went out by way of Beale Street; Eureka Springs, AR; the new Crystal River Museum of Modern Art in Bentonville, AR; the National Cowboy Museum in OK City; the Stockyards and Japanese Gardens in Ft. Worth; Fredericksburg, TX; and Luckenbach, TX. We returned by way of Baton Rouge (to see Eddie Hildreth, an ASEE Fellow), New Orleans, and the Gulf Coast. The vineyard project reported in earlier Newsletters died on the vine. Very few of the five acres of grape vines made it through the transplant process due to the drought in that area of VA. In August, I exhibited woodwork as one-half of a two-person show at the Piedmont Craftsman’s Gallery in Winston-Salem, NC. In August and September, I made several trips to a remote part of WV (Green Bank) helping a friend complete construction of their ‘cabin/house’. In October, we took an eight-day trip to Italy, visiting Rome, Siena, Florence, Pisa, Cinque Terre, towns in the Tuscan Region, Bologna, and Venice. George Timblin’s wife, Carol, and a friend of hers, went with us. Other travels included NYC, Raleigh, and Lake Lure, NC. Other activities included time in the wood shop and watercolor studio, and performing Handel’s “Messiah”. – Frank Gourley

IN MEMORIAM (Included are those who had not been recognized in recent Newsletters.)

Klaus Timmerhaus, an esteemed chemical engineer, teacher, and 42-year faculty member at the University of Colorado, Boulder, died February 11, 2011, aged 86. ASEE has received a $99,180 bequest from his estate. Timmerhaus’s energetic contributions to ASEE, which he served as a board member from 1985 to 1988, were recognized with the George Westinghouse Award (1968), the ASEE Chemical Engineering Division Union Carbide Lectureship Award (1980), a Distinguished Service Certificate from the Design and Laboratory Oriented Studies (1991), the Fred Merryfield Design Award (1992), the ASEE Centennial Medalion (1993), election to the grade of Fellow (1994), and the ASEE Chemical Engineering Division Award for Lifetime Achievement in Chemical Engineering Pedagogical Scholarship (2008). During his career at CU, Timmerhaus received at least 48 teaching awards and served at different times as an associate engineering dean, director of the Engineering Research Center, acting chair of aerospace engineering, and chair of chemical engineering. He was a co-author or contributor to several books published in multiple editions, including Plant Design and Economics for Chemical Engineers (McGraw Hill), Advances in Cryogenic Engineering (Kluwer Academic/Plenum Publishers), and Cryogenic Process Engineering (International Cryogenics Monograph).

Donald D. Myers, 69, professor of engineering management at Missouri University of Science and Technology, died Sunday, July 26, 2009, as a result of injuries from a bicycling accident that occurred the previous day in Iowa. He earned bachelor and master degrees in mechanical engineering from Missouri University of Science and Technology in 1961 and 1964. He also held a master's degree in business administration and a law degree from St. Louis University. Active in the American Society for Engineering Education, Dr. Myers was elected fellow of that organization in 2007. He was also a fellow of the American Society for Engineering Management, the International Council for Small Business and the U.S. Association for Small Business and Entrepreneurship.

E. Walter LeFevre, 77, of Springdale, Arkansas, died Monday, November 23, 2009 at Northwest Arkansas Medical Center. He earned a Bachelors and Masters of Science Degree in Civil Engineering from Texas A&M University and his Ph.D. in Civil Engineering from Oklahoma State University. His national awards, too numerous to mention, included Distinguished Service Awards from the American Society for Engineering Education, ASCE, NSPE, NCEES, AAES, Boy Scouts of America and a number of other engineering societies.
Richard John Ungrodt, of Mequon, Wisconsin, died on Nov. 13, 2010, at the age of 91 at Harrison Home in Cedarburg, WI due to complications from Parkinson’s disease. For more than 40 years, his professional life revolved around educating more than 15,000 future engineers and engineering technicians at the Milwaukee School of Engineering. After earning a Bachelor of Science degree in electrical engineering from MSOE in 1941, he worked for five years at Allis-Chalmers Manufacturing Co., which included service as special assistant to the superintendent on the Manhattan Project. Following World War II, he returned to MSOE, serving as professor, dean of engineering, vice president of academic affairs, and, finally, vice president for academic resources until his retirement in 1986. His passion for engineering and engineering technology education led to his leadership roles in several professional organizations, including the American Society for Engineering Education, for which he served as President in the mid-80s, and the Accreditation Board for Engineering and Technology – both of which honored him for his service. He received an honorary doctorate of engineering technology from the Wentworth Institute of Technology in Boston and an honorary doctorate of engineering from MSOE.

Bei-Tse Chao, an emeritus professor in the Department of Mechanical Science and Engineering at the University of Illinois, Urbana-Champaign, passed away at Meadowbrook Health Center on March 2, 2011, at the age of 92. He was the first recipient of the Ralph Coats Roe Award (1975) from the American Society for Engineering Education and also received the Benjamin Garver Lamme Medal (1984), the highest honor from ASEE.

David Richard Reyes-Guerra, died on Saturday, August 20, 2011, in El Salvador. Dr. Reyes-Guerra was ABET’s first Executive Director and served in that capacity from 1973 to 1993. Dr. Reyes-Guerra was a licensed professional engineer and a member of the American Society of Civil Engineers. He began his service to ABET in 1967 as Guidance Director to the Engineer’s Council for Professional Development (ECPD), ABET’s predecessor organization. Then, he served as the ECPD Executive Secretary from 1971 to 1973. In his 20 years as ABET Executive Director, Dr. Reyes-Guerra helped establish the Computing Sciences Accreditation Board (CSAB) in the mid-1980s, was principal investigator for two National Science Foundation awards, and was named an ABET Fellow in 1990. Prior to ABET, Dr. Reyes-Guerra was Executive Director at the Junior Engineering Technical Society (JETS). More recently, Dr. Reyes-Guerra was the co-founder of the Pan American Academy of Engineering and had been considered a permanent and active contributor to the Pan American Union of Engineering Organizations (UPADI).

“I lived until I died…” John Peter Klus, passed away peacefully on Friday, Sept. 2, 2011, in Madison, WI, after an unexpected illness. He became ill only a day after a fishing trip on the Wisconsin River near the Aldo Leopold Reserve in the Baraboo area. He died one week later. Klus, who had leukemia for eight years, had undergone a round of chemotherapy that summer. His already compromised immune system proved to be no match for a waterborne bacteria - *aeromonas* - that infiltrated his system. He was 76 and long lived on Lake Monona in Madison.

On Nov. 29, 2012, John C. Calhoun Jr. passed away at his home. Dr. Calhoun held numerous administrative positions at Texas A&M, beginning there as dean of the School of Engineering. He was an instigator of significant academic program development for the College Station campus and for the A&M System, as vice president for academic affairs and subsequently as vice chancellor for programs. He took a two-year leave of absence to serve in Washington, D.C., as Science Advisor to Secretary of the Interior Stuart Udall in the early 1960s. Dr. Calhoun was designated Distinguished Professor Emeritus upon his retirement.