



# *ASEE Academy of Fellows Newsletter*

May 2009

## Message from the Chair

To the Fellows of ASEE:

We announce 12 outstanding engineering educators who are newly elected ASEE Fellows. Each of them is being recognized for outstanding contributions to engineering or engineering technology education and to ASEE. I hope that a large number of us "older-timers" will be at the Fellows Breakfast in Austin on Wednesday, June 17 (Event 3152?, 7:00-8:15 am) to welcome them to membership in our Academy. While the formal recognition is at the Awards banquet that evening, this informal time is a great opportunity to make new friends and renew old friendships.



Thanks to those of you who sent news to Frank. He has assembled the information about your antics and activities for the entertainment of the group. Please keep the news coming.

If I may make a suggestion, there is an interesting concept being presented in several sessions at the conference, called 'Transformational Paradigm for Engineering and Engineering Technology Education'. It is being presented by Dr. Enrique Barbieri and Dean William Fitzgibbon, from the Univ. of Houston. It sounds intriguing. They will be discussing their ideas at three sessions at the Conference (1322, 2648, and 3266).

## 2009 ASEE Fellows

We have 12 new Fellows this year! Congratulations are in order to each of them for their contributions to the field.

Duane Abata  
Executive Director, NSF Bioenergy Center  
South Dakota School of Mines & Technology

Marilyn Barger  
Executive Director, Florida Advanced  
Technological Education Center  
Hillsborough Community College

Daniel D. Budny  
Director & Associate Professor, Freshman  
Programs  
University of Pittsburgh

David DiBiasio  
Professor & Head, Chemical Engineering  
Department  
Worcester Polytechnic Institute

Warren Hill  
Professor & Dean, College of Applied Science  
& Technology  
Weber State University

Jed Lyons  
Professor, Mechanical Engineering Department  
University of South Carolina

John Orr  
Provost, Worcester Polytechnic Institute

P. K. Raju  
Professor of Mechanical Engineering  
Auburn University

Elsewhere in the newsletter Frank has included a tabulation that shows the number of Fellows living in each state (or country). Do you know the other Fellows in your state? Surrounding states?



Have you had any 'Recent Sightings' of other Fellows lately? In future newsletters we can note when you encounter other Fellows that we, perhaps, have not seen in a while. If you have been wondering how to contact another Fellow, check out the new website mentioned later in the Newsletter.



If you haven't already, there is still time to register for the annual conference. Come on out, visit with the other Fellows, and welcome the new Fellows!

Now is a good time to be thinking about prospective candidates to nominate for Fellow next year. (The deadline is early February.) We know there are many worthy individuals out there!

See you in Austin!  
Bill Wilhelm, Chair  
ASEE Academy of Fellows

Joseph Rencis  
Professor & Head, Mechanical Engineering  
Department  
University of Arkansas

George Sehi  
Dean, Science, Mathematics & Engineering  
Sinclair Community College

Sheryl Sorby  
Professor, Mechanical Engineering-Engineering  
Mechanics  
Michigan Technological University

Yaman Yener  
Associate Dean, College of Engineering  
Northeastern University

We will have the privilege of welcoming this group of outstanding engineering educators at our Wednesday breakfast meeting in Austin. Congratulations to all.



### Mark Your Calendars

2009 Annual Conference of ASEE: Austin, TX  
June 14 - 17, 2009. Plan to be there!

Future Annual Conferences:  
Louisville, KY, June 13-16, 2010  
Vancouver, BC, Canada, June 26-29, 2011  
San Antonio, TX, June 17-20, 2012

College Industry Education Conference.  
Palm Springs, CA, February 3 -5, 2010

For additional info on upcoming events, visit:  
[www.asee.org](http://www.asee.org)

### **ASEE Academy of Fellows Nominating Committee Report**

The following individuals were elected as Fellow officers for the term June 2008 – June 2010. John W. Prados, Comm Chair

President: Bill Wilhelm  
Vice President/Secretary: Carl Locke  
Editor: Frank Gourley  
Past President: Ed Jones

### **Opportunity to Contribute**

It is not too late to make a contribution in support of the **Lifetime Achievement Award**. To provide confidentiality, gifts and pledges should be sent to ASEE, PO Box 18056-A, Ashburn, VA 20146. Lyle Feisel chaired this committee, which included a number of other Fellows.

### **News from the Flock**

We had a great response from the recent request for news sent to Fellows by email. Below are excerpts of those for your reading pleasure.

Subject: ASEE Fellows Breakfast Sponsorship

If you publish an issue of the ASEE Fellows Newsletter before the Annual Conference, I wanted to let you know that there will be a sponsorship of the Fellows Breakfast in Austin. The seven ASEE Fellows associated with UT-Austin pooled their resources and secured an educator-level sponsorship for the event. They are: Ronald E. Barr, Thomas F. Edgar, Wallace T. Fowler, Mario J. Gonzalez, Elmer L. Hixson, Billy V. Koen, and Nicholas A. Pappas. Ron Barr

Since you asked, here is some good news about me. I was elected Fellow of the American Association for the Advancement of Science (AAAS) this past fall. I was also recently selected as a Member at Large of the Executive Committee of the ABET Engineering Accreditation Commission (EAC). I look forward to seeing you in Austin. Sarah Rajala

I get your newsletter regularly, and it's a good job. I just never seem to get going on an update on our activities until it seems it's too late to matter. I'm gonna answer this one! Betty and I are doing pretty well. We are staying out of the paths of large trucks, and taking our vitamins. Mid-July last year we took a cruise called "The Voyage of the Vikings" on the Holland American Line's Maasdam. Spent several days in Amsterdam, then boarded the ship in Rotterdam and cruised to Cherbourg, France (Utah Beach); Tenby, Wales; Dublin; Liverpool; Belfast; Faroe Islands; Iceland; Greenland; St. Pierre & Miquelon; Newfoundland; Bar Harbor, Maine; and ended in Boston. Trip took 18 days, and was delightful. We particularly liked Tenby, the Faroes, Iceland, and St. Pierre. We enjoy cruising, and somebody has to do it, so we figure it might as well be us. We hope to go on another cruise this summer. We are active in the Retired Faculty-Staff Assn of UT, attend the Austin Symphony concerts monthly, stay in loose touch with the UT College of Engineering, attend a literary society dinner and lecture monthly, go to the gym three days a week, the Chancellor's Society meetings, try to keep up with six grandchildren (who live here), and so on. As someone has said, it's nice to have nothing one HAS to do. We arise in the morning when we feel like it, with sketchy plans for the day. When we retire at night, we find we're only half done! We're looking forward to seeing many old friends at the annual conference, which is in our own back yard this year. The list of new ASEE Fellows is impressive, and I look forward to meeting them in June. Y'all come to Austin! In addition to the conference, the barbeque and the Tex-Mex are hard to beat! Regards, Jim Stice.

I'm doing well in spite of one medical problem after another. Although serious, none seem life threatening (at least not yet). I'm not ready to appear in your newsletter's obituary column. I won't be at ASEE. No travel budget and we (Discovery Press) aren't planning a booth in the exhibit hall. Seems like I've really reached most people who would be candidates for my text *Studying Engineering*. I'm just working on marketing my book. I'll be teaching my annual Chautauqua short course "Enhancing Student Success through a Model Introduction to Engineering Course" at the end of May. This may be the last year for that. Each of the past two years, we had to close enrollment at 50. This year we're struggling to get up to 30. The economic downturn seems to have cooled everything off, particularly travel budgets. All the best Ray Landis

Per your request, here's news of my "goings on." Unfortunately, I'm unable to attend this year's ASEE Annual Conference – the first one for me to miss since 1978! The reason why I'm unable to attend is that I will be leaving Rose-Hulman effective June 30, 2009. I've accepted a position as Provost and Vice President of Academic Affairs for the California Maritime Academy in Vallejo, California. I start there July 1. I'll be transitioning and moving, which will prevent me from attending the conference. Cal Maritime is an interesting place! It's part of the Cal State System. It's an academy so all students wear uniforms. Small school – only about 1000 students. It's a residential campus with great students – a vast majority of students graduate in four years. 100% placement of their grads – they all get good jobs. More info can be found at <http://www.csum.edu/>. Lynn (my wife) and I are looking forward to getting back to California. Frank, sorry I'm unable to see y'all. Please extend my greetings and best wishes to the ASEE Fellows. Jerry Jakubowski

The Society of Engineering Science selected Romesh C. Batra to receive the Engineering Science Medal at the Joint ASCE-ASME-SES Conference on Mechanics and Materials to be held at Virginia Tech from June 24-27, 2009. The award was made in recognition of his singularly important contributions in Adiabatic Shear Bands. Romesh C. Batra, Virginia Polytechnic Institute and State University.



Nicholas Peppas of the University of Texas at Austin was selected as the recipient of the 2009 Alan S. Michaels Distinguished Lectureship in Medical and Biological Engineering at the Massachusetts Institute of Technology. He spoke about "Recognition and Delivery: The Next Generation of Medical Microdevices". A Webcast is available here. [http://web.mit.edu/smcs/chem\\_e/2008-2009/chem\\_e-michaels\\_lecture-pappas-mit-66110-03apr2006-384k.asx](http://web.mit.edu/smcs/chem_e/2008-2009/chem_e-michaels_lecture-pappas-mit-66110-03apr2006-384k.asx) On April 16, 2009, Peppas was also inducted to the Academy of Chemical Engineering Teachers of Missouri in Rolla, Missouri on April 16, 2009. He presented a lecture on "Addressing Educational Problems in an Evolving, Global and Challenging Chemical Engineering World". Finally, former students and colleagues of Professor Nicholas Peppas presented him recently with the March 2009 issue of the leading journal "Pharmaceutical Research" which contained a Festschrift on the occasion of his 60th birthday. Edited by Professor Mark Byrne of Auburn University and prefaced by Professor Antonios Mikos of Rice University, the winner of the 2009 ChE ASEE Division award, this issue contained 12 review and original articles on bionanotechnology, biomimetics, therapeutic conjugates, and pharmaceutical sciences.

Editor's Note: I asked Nicholas for an explanation of a Festschrift. Below is a excerpt of what he sent. "Frank: I think Wikipedia will say it better than me." In academia, a **Festschrift** is a book honoring a respected academic and presented during his or her lifetime. The term could be translated as *celebration publication* or *celebratory (piece of) writing*. A Festschrift contains original contributions by the honored academic's close colleagues, often including his or her former doctoral students. It is typically published on the occasion of the honoree's retirement, sixtieth or sixty-fifth birthday, or other notable career anniversary. A Festschrift can be anything from a slim volume to a work in several volumes. The essays usually relate in some way to, or reflect upon, the honoree's contributions to their scholarly field, but can include important original research by the authors. Many Festschriften also feature an extended list of academic colleagues and friends who send their best wishes to the honoree.

Jim Farison retired in May 2008 from his full-time position as ECE Professor at Baylor University but continues part-time as Professor Emeritus, coordinating the interdisciplinary BS in Engineering program and teaching one course per semester. He served as department chair at Baylor for nine years (1998-2007), plus one additional year as associate chair (2007-08). Previously, Jim was an EE/ECE faculty member at The University of Toledo (1964-1998), including a decade as Dean of Engineering (1970-1980) and finally as a founding member of their new Department of Bioengineering. He was a founding member and is completing a six-year cycle of offices in the ASEE Multidisciplinary Engineering Division. He also serves on the ASEE Accreditation Activities Committee. Jim served as the paper review coordinator for the 2009 ASEE Gulf Southwest Conference at Baylor in March and continues to present papers at both regional and national ASEE conferences. In his spare time, he is beginning his eleventh year as Sunday School superintendent at the church where Gail, his wife of 48 years, and he attend.

Several of the Fellows are actively working on the ASEE Board. Sarah Rajala is serving as our current President, J.P. Mohsen is President Elect, Jim Melsa is Past President, Pat Fox is Vice President of External Relations, Renata Engel will become the next President Elect, and Frank Huband is Executive Director. Pat Fox

Here is a news item, I think. The Third Editions of *Statics* and *Dynamics* were recently published by Cengage Learning. The copyright date is 2010; the co-authors of these two texts are Andrew Pytel and Jaan Kiusalaas, both Professor Emeriti at The Pennsylvania State University. Regards, Andrew Pytel

We are now in Vonore, Tn. We are renting a house while our new house is being built. They started construction yesterday. We are about 30 minutes south of Knoxville. Our phone number is 423-884-8888. Anybody that wants to visit the Great Smokey Mountains is welcome to stay with us. I retired from Capitol College on May 7. Earl Gottsman

In the last quarter of 2008, we put our home of 25 years on the market. Despite the deteriorating economic conditions, we found a buyer. We had planned move into a CCRC in downtown Seattle at the beginning of March, but on New Year's eve we decided to defer that move and to find temporary accommodations in an apartment. Since February 21st, we have been living at: 410 NE 70th Street #402, Seattle, WA 98115-5476. Our phone number (206-522-7445) and email address bowen5324@comcast.net (It did not change.) While we will not attend the Annual Meeting in Austin, we look forward to receiving the Spring Fellows Newsletter and welcome the newly named Fellows. All the best, Ray Bowen

Russel Jones is currently living and working in Abu Dhabi in the United Arab Emirates. He is advisor to a new startup university, the Khalifa University of Science, Technology and Research (KUSTAR). KUSTAR is developing programs in engineering, science, management and medicine. Programs in communications, computer and electronic engineering are offered in the current year. In the fall of 2009, aerospace, mechanical, software and biomedical engineering are being added. In addition to undergraduate programs in these areas, MS and PhD degrees have been accredited.



KUSTAR is building collaborative relationships with US and UK universities, in both education and research. Prior to his KUSTAR engagement, Russ served as founding president of the Masdar Institute of Science and Technology, a graduate university focused on alternative energy, also in Abu Dhabi. Russ and his wife Bethany have been living in Abu Dhabi for two years, and are greatly enjoying both that modern city and visiting other parts of the UAE and surrounding Middle East countries. Beth is working as an advisor at the Abu Dhabi Executive Affairs Authority, a policy group advising the top leadership of the Emirate.

Pat and I are making our second visit to Morgantown this spring. At the end of April we came to attend the annual meeting of the West Virginia Academy of Civil Engineers and in mid-May we will be attending our granddaughter, Carolyn's, graduation from the WVU School of Medicine. We have traveled so much since the end of April that I feel like I am glued to the Driver's seat in the car. Best wishes until we see you in Austin. Bill Wilhelm

Your Newsletter Editor spent a couple of weeks in the sunny south this winter – one week on a cruise of the eastern Caribbean and the other 'cruising' the east coast from Cocoa Village, FL to Beaufort, SC. Digital photography, watercolor group, woodworking, yoga, grandchildren, friends, working with an IEEE project developing assessment questions for EET programs, serving on the ABET Board, ASEE Fellows Newsletter Editor, gardening, and church activities also have been keeping me entertained since the last Newsletter. Too much fun! -Frank Recent Sightings: We cruised with Carol Timblin, George's wife, last spring and had dinner with her this spring on the way to our cruise. She seems to have gradually made adjustments to life without George. She has a new grandchild this spring, the fifth. Frank Gourley

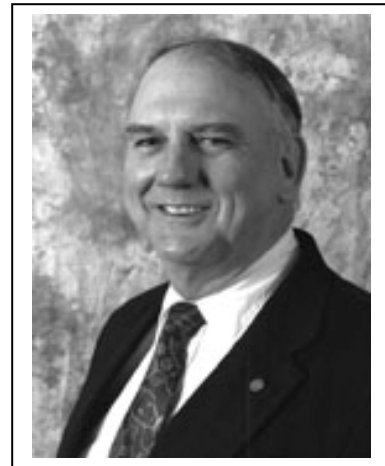
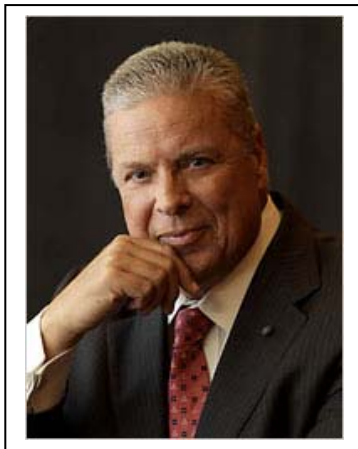
*Anyone who stops learning is old, whether at twenty or eighty. Anyone who keeps learning stays young. The greatest thing in life is to keep your mind young.* - Henry Ford –  
(From the email 'Signature' of Joseph J. Rencis, University of Arkansas)

## In Memoriam

Dr. Wilbur L. Meier Jr., an NC State industrial engineering professor, who was dean of engineering from 1991 to 1993, died on Oct. 13, 2008. He was 69. Meier's engineering career began in the late 1950s at the University of Texas at Austin, where he received his bachelor's, master's and doctoral degrees. In 1967, he began teaching in the industrial engineering department at Texas A&M University and eventually rose to assistant department head. He left Texas A&M in 1973 to serve as chairman of the industrial engineering department at Iowa State University. In 1974, he became head of the School of Industrial Engineering at Purdue University. In 1981, Meier was named dean of engineering at Pennsylvania State University. Meier became chancellor of the University of Houston system in 1987. In 1989, he took over as director of the Division of Engineering Infrastructure Development at the National Science Foundation. Meier was named dean of engineering at NC State in 1991. Meier stepped down as dean in 1993 to return to teaching and research. In 1985-86, he was president of the Institute of Industrial Engineers (IIE). He was also the editor of a 16-book series on industrial engineering and was a fellow of ASEE, IIE, and the American Association for the Advancement of Science.

Constantine N. Papadakis, the president of Drexel University, died on Sunday, April 5, 2009, three days after taking medical leave. He was 63. The cause was pulmonary complications of lung cancer, which was in remission. Dr. Papadakis became Drexel's president in 1995. Under his leadership, the university acquired schools of medicine, nursing and public health, and established an extensive online degree program. In 2006, Drexel started its own law school. Dr. Papadakis was born in Athens, Greece. He received a degree in civil engineering from the National Technical University of Athens. After arriving in the United States in 1969 he earned a master's degree in civil engineering from the University of Cincinnati and a doctorate from the University of Michigan. He joined the Bechtel Corporation in 1974, and his first assignment involved the construction of the Metro subway system in Washington. He worked at other engineering firms and then turned to academia, joining the faculty at Colorado State University in 1984. Two years later, he became dean of the University of Cincinnati College of Engineering.

Tom Mc Williams died Thursday, April 23, in Elkton, MD. Tom was 75 years old. Tom was chairman of the Chemical Engineering Department at WV Tech and Dean of Engineering at Widener College in PA until his retirement a few years ago. He continued to be very active in organizations related to higher education and, with Rosalinda, active in their church and community! Rosalinda's mailing address is: 245 Plum Point RD Elkton, MD 21921.



### Reminder about a New Fellows Website

Is there a long-lost Fellow you haven't seen recently with whom you would like to be in contact? Well, now you can get contact information on that person at the Fellows website. Log in at [www.asee.org/activities/organization/fellows](http://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.

(Efforts are also underway to provide a Listserve capability for the Fellows, thanks to Dwight Wardell, and the IT Department, at ASEE.)

- Frank Gourley, Newsletter Editor

### Where in the World Are ASEE Fellows?

State	No	State	No	State	No
AL	4	LA	3	OR	3
AK	0	ME	1	PA	12
AZ	6	MD	8	RI	0
AR	4	MA	8	SC	3
CA	18	MI	1	SD	2
CO	8	MN	3	TN	3
CT	1	MS	4	TX	22
DE	0	MO	2	UT	3
DC	2	MT	1	VT	0
FL	13	NE	1	VA	11
GA	10	NV	1	WA	4
HI	0	NH	1	WV	3
ID	0	NJ	9	WI	2
IL	6	NM	0	WY	1
IN	14	NY	12	Canada	2
IA	4	NC	4	Ireland	1
KS	4	OH	4	India	1
KY	2	OK	2		

### Academy of Fellows Meeting

June 17, 2009

#### Tentative, Preliminary Agenda

Subject to Change with, or without, notice

1. A Big Howdy, Thanks to the breakfast sponsors, and call to order
2. New Fellow introductions
3. Not so new Fellow introductions
4. Greetings from absent Fellows
5. ASEE President's comments
6. ASEE Executive Director's comments
7. Report from members (Angie, Lyle, Ed, et. al.)
8. Old business, if any
9. New business, if any
10. Louisville, KY Next Year
11. Photos of New Fellows & Award Recipients
12. Adjourn



Photo Credits

The photos in this issue were taken at the 2008 Academy of Fellows meeting in Pittsburgh.

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This is being emailed to those for whom we have an email address. If you received a print copy of the Newsletter and have an email address, please let me know (it will save some pocket change -- ~\$1.00/Fellow/ issue). - Thanks, Frank.