



ASEE Academy of Fellows Newsletter

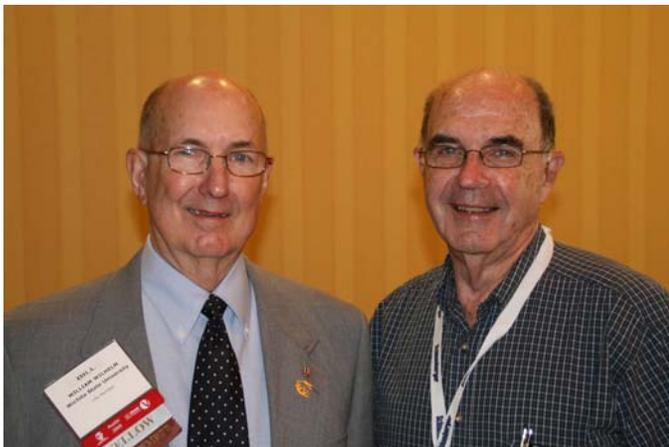
January 2010

Message from the Chair

To the Fellows of ASEE

It seems like yesterday that we gathered in Austin, TX for our ASEE Academy of Fellows Annual Meeting. We had a great early morning crowd and everyone had a good time meeting the new Fellows present and visiting with old and new friends. Now we are preparing for Louisville, KY. Registration is presently open at www.asee.org for housing and the Annual Conference. The Fellows Breakfast is scheduled for Wednesday, June 23, 2010. **Be sure and purchase your ticket for the Fellows Breakfast when you register.**

On behalf of all the members of the Academy, I thank Carl Locke, Vice Chair and Secretary, and Frank Gourley, our Newsletter Editor, for the important service they have provided since the Austin Meeting. You'll find Carl's minutes in this newsletter and Frank continues to do a good job keeping us up to date on the activities of the Academy and its members with the professional Newsletters he prepares in a timely fashion along with other messages he has provided. **Gentlemen thanks so much for a job well done.**



As with past Chairs, I want to take this opportunity to ask you again to consider nominating a candidate to be selected as an ASEE FELLOW. Look around at your colleagues --many of them may be most deserving. Two important web sites are: www.asee.org the ASEE general site and <http://www.asee.org/activities/awards/fellowNomination.cfm>, the Fellows nomination page.

By the way, the Academy is not involved in the selection of Fellows from among the nominees. The ASEE Board of Directors does that, acting on recommendations from the Awards Board of ASEE. The deadline each year is February 1 – a date that is not flexible.



As you will note in the Minutes for the Austin Meeting, Members of the Academy are encouraged to make a contribution to ASEE to endow a new Award to be presented in the future by ASEE. If you haven't contributed so far I encourage you to consider this request during 2010.

Finally, please send news about yourself – your institution, your travels and your services, including photos, to Frank for the next Newsletter. We hope to see you in Louisville in June. And, please keep us (and ASEE Headquarters) informed as to address and job changes.

I look forward to seeing you in Louisville, KY. Come and participate in the meeting and in the election of new officers, who will serve for the next two years.

Bill Wilhelm, Academy Chair

Reminder: New Fellows Website

Is there a long-lost Fellow you haven't seen recently and would like to be in contact with? Well, now you can get contact information on that person 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. This function is available compliments of Dwight Wardell, and Yvette Deal in the IT Department at ASEE



Fellow Selection Committee
From John A. Weese, Chair: I hope our Fellows are nominating worthy ASEE members for the new Fellows to be inducted at the 2010 ASEE Annual Conference. The information is available at the ASEE web site under the Member Activities tab. The deadline for nominations is February 1, 2010.

Your Email Address is Requested

If you received a paper copy of the Newsletter and have an email address, please let me know (it will save some pocket change -- ~\$1.00/Fellow/ issue).

Thanks.

Your Editor

ASEE Lifetime Achievement Award

Opportunity to Contribute:

You can still make a contribution in support of the **Lifetime Achievement Award**. This award will recognize contributions of a Life Member to ASEE. The goal is to raise \$50,000 as an endowed award. We are about half way there! To provide confidentiality, gifts and pledges should be sent to ASEE, PO Box 18056-A, Ashburn, VA 20146. Lyle Feisel chairs this committee, which includes a number of other Fellows.

Mark Your Calendars

Conference for Industry and Education Collaboration (CIEC). Palm Springs, CA, February 3 -5, 2010.

Engineering Dean's Institute: St. Petersburg, FL, April 11-14, 2010.

2010 ASEE Annual Conference: Louisville, KY, June 20 - 23, 2010.

Future Annual Conferences:

Vancouver, BC, Canada, June 26-29, 2011

San Antonio, TX, June 17-20, 2012

For additional info: Visit www.asee.org



Academy Officers

Bill Wilhelm, President, billwilhelm1@cox.net

Ed Jones, Past President, n2ecj@iastate.edu

Carl Locke, Vice Chair & Secretary, lok@ku.edu

Frank Gourley, Newsletter Editor, fgourley@wvutec.edu

ACADEMY OF FELLOWS
ANNUAL MEETING MINUTES
June 17, 2009, Hilton Hotel, Austin, Texas

President Bill Wilhelm opened the Annual Fellows meeting and invited incoming ASEE President, J.P. Mohsen to speak to the group so J.P. could attend other events.

Report from Incoming ASEE President

Mohsen stated ASEE needs the involvement of the Fellows because their experience and expertise is valuable for the organization. He urged the attendees to contribute to the various programs of ASEE.



Report from ASEE Executive Director

Frank Huband, Executive Director, gave a short report on the status of ASEE. A proposal from ASEE has been submitted to NSF for stimulus monies to fund a corporate fellows program. This program would allow individuals who recently received their PhD to work in industry.

He reported that attendance at the 2009 Annual Conference was lower than for the 2008 Conference. The exhibit hall was sold out but some organizations did not attend even though they had paid for doing so. Most withdrew after the deadline for receiving a refund.

New software to help improve member records and conference registration is being implemented. It should be fully operational well before next year's conference.

He asked **Dwight Wardell, Manager of Member Services**, to report on membership numbers that are given below

Total: 13,990 - Highest number ever, and is up 1.2 from last year.

Professional; 9,911 - Down 1.6% from last year, which was the highest ever.

Institutional; 623 - An all-time high in all categories (total, engineering schools, technology schools, Canadian engineering schools, international engineering schools, corporations/ associations).

Introductions

Wilhelm introduced **Vice President/Secretary Carl Locke, Past President Ed Jones** and **Newsletter Editor Frank Gourley**.

Several new Fellows were in attendance and introduced themselves:

Sheryl Sorby, Michigan Tech Univ (On Leave at NS)
Joe Rencis, University of Arkansas
John Orr, Worcester Polytechnic Institute
David DiBiasio, Worcester Polytechnic Institute
Jed Lyons, University of South Carolina
Marilyn Barger, Hillsborough Community College
P. K. Raju, Auburn University
Duane Abata, South Dakota School of Mines and Tech

All other fellows then did self-introductions. The attendance list is attached.

Report from Fellows Not in Attendance

Lyle Feisel reported on his conversation with Angie Perna, whose "quiet" presence was missed during the meeting. Lyle reported that Angie was tied up with work and could not attend but had sage advice for all there: **"Buy Low and Sell High!"**

Mary Anderson Rowland reported that Bill Lebold from Purdue was sorry he could not attend as he wanted to congratulate Dan Bundy as a new Fellow.



Expression of Gratitude

Bill Wilhelm thanked the ASEE Fellows on the University of Texas faculty for their financial support for the breakfast. Their funds subsidized the cost of the event and thus lowered the cost for the attendees. The UT Fellow who provide support are: Ronald E. Barr, Thomas F. Edgar, Wallace T. Fowler, Mario J. Gonzalez, Elmer L. Hixon, Billy V. Koen, Nicholas A. Peppas, James E. Stice.

He also expressed his thanks to the ASEE Staff who provided support in helping organize the meeting of the Fellows. He particularly thanked **Dwight Wardell, Kat Dorman, and Sandra Wingate-Bey**.

ANNUAL MEETING MINUTES (contd)

Remarks from ASEE President

President Sarah Rajala asked for the help of the Fellows to move ASEE forward. While there are some budget concerns, the organization continues to be healthy. Corporate support is still provided and there are some changes in the organizations who provide support. She appointed an International Strategic Planning Task Force chaired by Dr. Barbara Olds. With this increase in international activities, it is important that ASEE ensure benefits to the members and financial stability. Dr. Olds is also chair of the ASEE International Advisory Committee.

Fellows Endowed Award

Lyle Feisel reported on progress toward funding a new endowed Lifetime Achievement Award to be presented by ASEE. So far a total of about \$31,000 of the required \$40,000 has been contributed. He asked all in attendance to participate in funding the endowment and a solicitation of other Fellows will be made in the near future. A committee is working on solicitation of the funds and developing the criteria for the award. The original proposal for the award was that it would be presented for Lifetime Achievement. That remains yet to finally be decided. The membership of the committee is: Lyle Feisel, Chair; Ed Jones; John Weese; Angie Perna; Frank Barnes; Jim Stice.

Wilhelm, in his best Angie voice, suggested that if Angie Perna were present he would say to the group, “**Yu Gonna Give! Now Give!**”

Recognition of John Prados

Jerry Yeargan suggested the group express their congratulations to John Prados for being the recipient of the Benjamin Garver Lamme Award which was to be presented at the Awards Banquet.

New Business

Wilhelm announced that Ed Jones, Chair, John Prados and Lyle Feisel agreed to serve as the Nominating Committee for the new ASEE Academy of Fellows officer elections that will be held at the ASEE Annual Meeting in 2010.

The next meeting of the Academy of Fellows will be held on June 23, 2010 in Louisville.

John Weese chaired the ASEE Fellows Committee this year and the other members of this group were Mary Anderson-Rowland, Albert McHenry, and Karl Reid. John asked for additional nominations for the next year.

The meeting was adjourned by Bill Wilhelm, Chair.

CE Locke, 6/19/09



Photo Credits

Frank Gourley took the photographs used in this issue at the 2009 Academy of Fellows meeting in Austin, except as noted (or obvious). Clarity of the photos was reduced to keep the Newsletter file size low (quicker upload time).

ANNUAL MEETING MINUTES (contd)

Those recording their attendance at the Fellows meeting included:

Duane Abata, Adeyinka Adeyiga, Mary Anderson-Rowland, Marilyn Barger, Ron Barr, Ted E. Batchman, Marvin Criswell, Frank Croft, David DiBiasio, Renata Engel, Lyle Feisel, Norman Fortenberry, Wallace Fowler, Pat Fox, Frank Gourley, Charles Haines, Frank Huband, Dave Irwin, Ray Jacquot, Edwin C Jones, Wm Krantz, Tom Litzinger, Carl Locke, Jack Lohmann, Jed Lyons, Jim Melsa, Lucy Morse, Robert L. Mott, Don Myers, Michael O'Hair, Barbara Olds, John A. Orr, John W. Prados, Sarah Rajala, P.K. Raju, Joe Rencis, Ed Segner, Joe Shaeiwitz, Larry Shuman, Marwan Simaan, Ernest Smerdon, Karl Smith, Sheryl Sorby, John Steadman, Jim Stice, Jerry Thuesen, Robert (Bob) Todd, Dan Turner, David Voltmer, Dwight Wardell, John Weese, Bill Wilhelm, Larry Wolf, David N Wormley, Jerry Yeargan.



New Fellows:

Above photo (l to r): **Duane Abata, South Dakota School of Mines and Technology**

Joe Rencis, University of Arkansas

David DiBiasio, Worcester Polytechnic Institute

John Orr, Worcester Polytechnic Institute

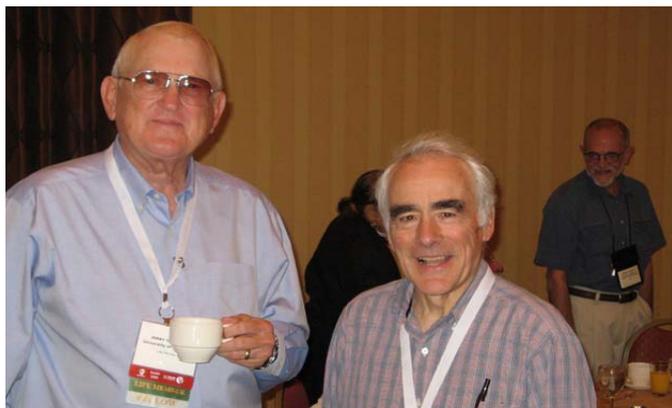
Sheryl Sorby, Michigan Tech Univ (On Leave at NSF)

Marilyn Barger, Hillsborough Community College

Jed Lyons, University of South Carolina

P. K. Raju, Auburn University

Not Pictured: Daniel Budny, Univ of Pittsburg; Warren Hill, Weber State Univ; George Sehi, Sinclair Community College; Yaman Yener, Northeastern University.



ASEE Fellow Fabrycky Establishes an International Honor Society for Systems Engineering



“Think About The End Before The Beginning”, from the philosophy of Leonardo da Vinci, is the Motto of the Honor Society for Systems Engineering (SE). Chartered in 2006, the Omega Alpha Association promulgates the inter-discipline of SE as defined by the International Council on Systems Engineering (INCOSE), “An inter-disciplinary approach and means to enable the realization of successful systems.” Fabrycky invites interested Fellows to go to www.omegalpha.org for additional information. Comments and suggestions would be very much appreciated by the Omega Alpha Board.

ASEE Award Recipients-2009

*Benjamin Garver Lamme Award: John W. Prados, Univ of Tennessee

*ASEE Distinguished Service Citation: Walter W. Buchanan, Texas A & M University

*William Elgin Wickenden Award: Sheri D. Shepard, Stanford University



Additional Fellows Photos and Info

Photos of new Fellows not pictured in the Newsletter, and additional info about the Fellows, may be found at the ASEE website –asee.org. Select Member Activities and Academy of Fellows (on left). Options here include: Fellows (alpha list of Fellows with affiliation and induction year), Newly Elected Fellows (photos), Officers, Meeting Minutes, and Fellows Newsletters (past).

Fellows News - Fall 09

Following his "retirement" at the end of Spring 2008, Jim Farison continues his "part-time" teaching of an Image Formation and Processing course at Baylor University, coordinates Baylor's interdepartmental B.S. in Engineering degree program, is the adviser for students in the two BSE options (Flexible and Biomedical), and authors papers for both the ASEE National and Gulf-Southwest conferences. In his spare time, he advised a master's student thesis on "remote sensing and processing of hyperspectral satellite image scenes" that led to two conference paper presentations and two pending journal articles.

I am sending some photos from the 2009 Fellows Breakfast. I am particularly fond of the one of Jerry and Lucy that I have entitled, "The Long and the Short of It". The photo demonstrates the wide diversity of the Academy of Fellows.



Life is still good on the Eastern Shore of Maryland. We had a good crabbing season this year and entered the fall with a freezer full. Dorothy and I continue to travel. After the Annual Conference we drove from Austin to Los Angeles where I had an IEEE meeting. One could question the wisdom of visiting Death Valley in late June but it was remarkably comfortable even when we stepped outside the air conditioned comfort of our car. In the fall, we spent some time in Scandinavia visiting relatives and friends and traveling north of the Arctic Circle in upstate Sweden and Finland. If anyone has a lot of time on their hands and would like to see some photos of the trips, go to <http://picasaweb.google.com/LFeisel>.

Fellow Fellow John Weese lives just across the Chesapeake Bay in Annapolis. John and Betty and Dorothy and I get together from time to time, most recently to walk the grounds of the Naval Academy.

Thanks, Frank, for your continued good work in publishing the Newsletter. Best regards to all the Fellows. Lyle Feisel (Lyle's photos are also adjacent, and on page 5 & 8.)

We hope to see you in Louisville, Kentucky, as Susan and I are going to use this conference as a start point for a summer trip around the Midwest that will complete the goal of visiting all 50 U.S. states in a substantive way by seeing at least one major sight in each. ASEE has been the key to our national adventure. I have four states on my to-see list and the Louisville location is ideal to see them. I will leave it to my Fellow colleagues to figure out which they were.

Susan and I were blessed with another grandchild in November. Last summer, we visited Ireland, England, Norway, and Iceland and are looking forward to some additional foreign travel (Russia) later in the summer after ASEE.

Angie Perna and I were wondering how many ASEE fellows, aside from the two of us, are still working and/or active in ASEE. We are also eagerly waiting to find out who the next NJIT Provost is to be. Since I am still the Graduate Dean, the new Provost will represent my 10th "boss" as I complete my 20th year at NJIT.

Best to all.
Ron Kane, NJIT

Nothing major to report here. Rebecca and I are still running around the world giving teaching workshops, which is what passes for retirement in my universe.

Our colleague Jim Stice stepped down as co-director of the ASEE National Effective Teaching Institute last June after our 19th presentation of the workshop, and I put a little tribute to him in the column I write for *Chemical Engineering Education* every quarter. It might be of interest to our fellow Fellows. You can see it on my website at <http://www.ncsu.edu/felder-public/Columns/Stice.pdf>

Happy New Year! Rich Felder

Art Johnson has retired from the University of Maryland as of July 2009. However, now that he is free to do as he chooses, he has chosen to do the same things: teaching, research, and professional activities, but without the obligations to let others know where he is all the time. He recently received the happy news that he has been elected a Fellow of IEEE. Along with his Fellow in ASEE, he is also a Fellow of the American Institute of Medical and Biological Engineering, the American Society of Agricultural and Biological Engineers, the American Industrial Hygiene Association, the Biomedical Engineering Society, and the Institute of Biological Engineering.



Frank - Here is my news item.

This past summer, I moved from Mississippi State University to Kansas State University where I serve as President. I remain active in ABET, and have enjoyed working with my new engineering colleagues at Kansas State. My new email address is kirks@k-state.edu. Thanks for keeping up with everyone. Regards, Kirk Schultz

After being retired for 1.5 years, the UMaine College of Engineering created a new position...just for me! Volunteer Associate Dean (no pay :=)). I started in that position this past January, and worked off and on most of the spring semester helping out with admissions, and other various jobs that they were having difficulties getting completed as they did not replace me. I have continued at a much smaller pace this past fall, and am now doing it at a distance. The reason it is "at a distance" is that we are in Tucson from New Years until late April/early May. Our son has been deployed to Afghanistan, for his second tour, and asked Claire and I if we could come out and help watching his children. So....here we are, in unseasonably warm weather, rather than shoveling snow in Maine! My best to all the fellow Fellows! We are even close enough to be able to drive to the CIEC next month. Take care, John McDonough

Russel Jones has lived and worked in Abu Dhabi in the United Arab Emirates for the past three years. He started as founding president of the Masdar Institute, a new graduate level institution devoted to alternative energy, then moved to Khalifa University, another new start up covering the spectrum of engineering, science, management and medicine.

Russ and his wife Bethany are finishing up their lives and work in Abu Dhabi, and returning to their Virginia home in the US early in 2010. Bethany has been working with the Executive Affairs Authority of Abu Dhabi on developing a branch campus of New York University in the "richest city in the world".

The Jones's have used their Abu Dhabi base for much exploratory travel in the region -- from India to Europe, and around the Persian Gulf. The photo shows them in Venice for a late summer break.



Dr. Lester A. Gerhardt, professor of electrical, computer and systems engineering (ECSE) and computer science at Rensselaer Polytechnic Institute in Troy, NY, will spend the 2009-2010 academic year as Senior Advisor to the President of the Institute of International Education (IIE), focusing on internationalizing higher education programs in science and technology. IIE is the world's most experienced global higher education and professional exchange organization, collaborating with public and private sponsors to expand study abroad and internationalization of higher education. With Dr. Gerhardt's expertise, the Institute will launch several initiatives to promote international exchanges in science, technology, engineering and mathematics (STEM). The professor will help IIE to expand international exchange opportunities for U.S. students and scholars in STEM fields during a year-long sabbatical from his academic appointment.

Dr. Gerhardt is an IEEE Fellow, an ASEE Fellow and was the Inaugural Recipient of the National ASEE Research Administration Award in 2001. He was recently named one of nine faculty in the U.S. designated 'agents of change' for globalizing engineering education as part of an ongoing National Science Foundation study, and will be soon featured in a book being prepared on the subject. He holds an honorary doctorate from the Technical University of Denmark, in addition to his earned degrees, and received the Distinguished Alumni Award from the University of Buffalo in 2009.

In terms of travel this summer and fall, we have been fortunate to spend time visiting Alaska, the Galapagos Islands and Africa in addition to short trips to Europe and within the US for a variety of invited presentations and meetings. In the spring, 2010, in addition to the above appointment, I will be teaching in April at the Technical University of Denmark (DTU), at their invitation. Let me wish you and yours a very happy and especially healthy New Year. Lester

Bob Mott (University of Dayton, Dayton, Ohio) has been appointed as the leader of the implementation team for the newly established Society of Manufacturing Engineers Center for Education. The purposes of the center are to facilitate coordination among the several existing SME groups that impact manufacturing education, to promote new initiatives, and to recommend enhancement of ongoing activities.

Sheri Sheppard was one of several authors of a book on engineering education that just came out in December. It is titled "Educating Engineers: Designing for the Future of the Field" and is published by Jossey-Bass. As of September 2008, she became associate vice provost of graduate education at Stanford University, developing leadership and diversity programming across the university.

The big news in my life is my retirement from UCLA on December 18, 2009. After two very busy holiday weeks at the end of December and a visit to my mother in Kentucky in early January, my wife Sue and I began settling into new routines the week of January 11, 2010. My early assessment is that I'm absolutely loving NOT spending 2 hours a day in my car commuting! I'm exploring a couple of part-time opportunities to keep me in a professionally active retirement. My new contact parameters are frank.e.burris@gmail.com or by phone at 818-597-0467. Thanks! Frank

Frank, it is always good to get the ASEE Academy of Fellows Newsletter and learn what other fellows are doing. Thanks for an excellent job as newsletter editor. Here's something for your consideration.

I always felt that it is important that we pass on to future generations some of the experiences we had in our youth – in my case growing up in a small rural village in the Missouri Ozarks. I have finally completed and published a book started long before I retired, but I rarely had time to work on it. Its title is, "But He's a Hard Worker – Life in Ritchey, A Small Village in the Missouri Ozarks – 1925-1950," If interested, contact me at ejsmerdon@yahoo.com. A brief summary by a Los Angeles writer follows:

"Set in a small town in the Missouri Ozarks, this series of short essays is a true depiction of rural life in the 1930's. Both honest and humorous, "But He's a Hard Worker" describes life growing up in a farming community and highlights the work ethic, values and traditions that have helped shape life in our country today.

Although not a bibliographical account, these personal stories share monumental memories of a time that many of us can relate to but may have forgotten. Ritchey, a once thriving village of 300, is now a fourth that size – like so many that were the heart of America and have all but disappeared today. Older generations, particularly those with a rural heritage, will relate to the stories, while younger generations will gain insight into the hard, yet good experiences of their grandparents." - Ernest Smerdon. P.E.

Bill Wilhelm

Pat and I send best wishes for a Happy New Year to all ASEE Fellows. We had a good year in 2009. As usual we made several trips. In April we made it to Morgantown, WV to attend the WV Academy of Civil Engineers Annual Meeting. In May we traveled to Hattiesburg, MS to see our 2nd granddaughter graduate from the Univ. of Southern Mississippi in Vocal Music Education and then back to Morgantown to see our 1st granddaughter graduate from the WVU Medical School. In June we were off to Austin, TX for ASEE. In August we headed back to Hattiesburg for our 2nd granddaughter's wedding. Pat continues to substitute teach and I stay busy with volunteer Board Work for Envision (industries and services for the Blind) and involvement with the KS BEST Robotics Competition for high school teams sponsored for the past 11 years by the Wichita State Univ. College of Engineering. We hope to see many of you at ASEE in Louisville this summer.



Frank: It has been a great year. Thanks for the newsletter and I look forward to hearing from the gang.



The older we get the faster time goes by. You can see it in our children and grandchildren and in great grandchildren. What used to be small fry are now big somethings and the cause for bragging. Charlie continues to amaze me with his artistic streak with the train room We have digital control of each engine so that many engines can be operated on the same track, The trips this year have been fewer but great. To the NC Highlands with friends; the normal Sea Island trip with all the Gilliam tribe; to Easley, SC for Charlie's birthday; NYC with two granddaughters, Susie and Laura, to see two shows, the island and most of the tourist items; and a trip up the Danube from Budapest to Nuremberg with friends. The trip to Nuremberg was the kind that it would have been wonderful to have all of you with us. We are trying to plan next year's trips now and hope to be in your vicinity. Best to all Barb and Vin Haneman



Frank Gourley continues to represent ASME on the ABET Board and is also active as the ASEE Engineering Technology Division's administrator of the national on-line 'Directory of ET Institutions and Programs' (etd.wvutec.edu). His other activities since summer have included major rework on The Barn he converted to a house in Raleigh; summer trips to Cape Cod and Folly Beach, SC; a bike trip on the Virginia Creeper Trail; fall trips to Emerald Isle, NC and Williamsburg, VA; a ski trip to Keystone/Vail/ Breckenridge CO; taking lots of photographs; and pursuing watercolor and woodworking interests.

