

Dear Colleagues

The 2019 ASEE Annual Conf. in Tampa, Florida was excellent. We were “Charged Up for the Next 125 Years!”

The Academy of Fellows complimentary breakfast on Tuesday, June 18, 2019 was well attended. Special thanks to the ASEE staff and Board of Directors for financing our event! In addition to the usual camaraderie and updates on ASEE happenings, we introduced and celebrated the recognition of new Fellows and elected new Academy officers.

The remainder of this newsletter includes the meeting minutes and provides updates from and about our members. Please send updates about you and other Fellows to tcr@ksu.edu.

Thank you for your service to ASEE and thank you for the opportunity to serve the Academy of Fellows!

Tom C. Roberts, P.E., F. ASEE, F. NSPE
Past Chair, ASEE Academy of Fellows (And now Newsletter Editor)

CONGRATULATIONS: New Officers (2019-2021) ASEE Academy of Fellows!

As outlined in the Academy Bylaws:

Chair: Sarah Rajala, Newly retired Dean, Iowa State University, sarah.rajala@gmail.com

Vice-Chair/Secretary: Frank Croft, The Ohio State University (retired), croft.3@osu.edu

Newsletter Editor: Tom C. Roberts, Kansas State University (retired), tcr@ksu.edu

Photographer: Craig Gunn, Michigan State University (officially employed), gunn@egr.msu.edu

Special thanks to Wally Fowler, UT-A and Lucy Morse, UCF for their past service to the Academy!!

CONGRATULATIONS 2019 ASEE FELLOWS!

Lisa Benson (Clemson Univ), **Angela Bielefeldt** (Univ Colorado - Boulder), **Lisa Bullard** (North Carolina State Univ), **Ann Christy** (The Ohio State), **Milo Koretsky** (Oregon State Univ), **Anna McKenna** (Arizona State Univ), **John Falconer** (Univ Colorado – Boulder), **Joseph Hekert** (North Carolina State Univ) & **Julie Martin** (Clemson Univ)

MESSAGE FROM THE NEW FELLOWS CHAIR !!



Happy New Year and greetings to all ASEE Fellows! I look forward to seeing you at the upcoming Annual Conference in Montreal and hope you plan to attend the Fellows Breakfast. As your Chair, I encourage you to share any ideas you have about future activities with Tom Roberts, Past Chair/Newsletter Editor, Frank Croft, Vice-Chair/Secretary, or me. This past year has been an eventful one for my husband and I as we both retired last June, moved back to Cary, North Carolina, hosted many family and friends at our new home (on a golf course, so the golfers are happy), and doing some travel. In between time, I continue to volunteer for numerous professional societies and do a little consulting. Life has certainly not been dull! **Sarah Rajala, F. ASEE** sarah.rajala@gmail.com

ASEE FELLOW NEWS / CONGRATULATIONS !!



ASEE 2019-20 President Stephanie Adams (stephanie.adams@utdallas.edu) Began new duties at Dean, Jonsson School of Engineering and Computer Science August 1. She most recently served as dean of the engineering school at Old Dominion University. We appreciate her current leadership of ASEE!

Patricia Bazrod (pbazrod@yahoo.com) (formerly of Georgia Tech) received the ASEE 2019 Clement J. Freund Award. Clement J. Freund (1895-1984) was one of the pioneers in the field of cooperative engineering education. The Clement J. Freund Award honors an individual in business, industry, government or education who has made a significant positive impact on cooperative education programs in engineering and engineering technology. This award is now offered every odd numbered calendar year. Congratulations Patricia!!

Susan Lord (slord@sandiego.edu) Professor and Chair, Integrated Engineering, University of San Diego, received the 2019 ASEE ECE Division Outstanding ECE Educator Award. Susan also reported: “We had our first graduates in our new Integrated Engineering program. We are part of the Developing Changemaking Engineers Revolutionizing Engineering Departments (RED) NSF Project”.

Julie P. Martin (juliepatriciamartin@gmail.com) ended her Program Director rotation at NSF in September 2019. She moved to The Ohio State University Engineering Education Department as Editor-in-Chief of Journal of Women & Minorities in Science & Engineering.

Kanti Prasad, (kanti.prasad@uml.edu) Professor & ASEE Campus Rep for Univ. of Mass – Lowell, is currently working on a 5G Chip set. “Receiving part is almost finished, the transmitter will be consummated in the next couple of years. The technology is based on bulk acoustic wave with mounted Bragg as reflector.” Kanti appreciates Lyle Fiesel’s dedication to the 125th Anniversary Fellows project.

During the Fellows breakfast:



John Steadman, Univ. of South Alabama, jsteadman@southalabama.edu provided an update on **Ray Jacquot**, (retired) Univ. of Wyoming.

Ray’s Fellow History is located at:

https://ethw.org/First-Hand:History_of_an_ASEE_Fellow-Raymond_G._Jacquot



Paul Hale, Professor Emeritus, Biomedical Engineering, Louisiana Tech University, phale@latech.edu is Past Chair, Order of the Engineer, after completing 2 years as Chair. Paul is representing the Order at the ASEE Expo Booth. For more information about The Order of the Engineer – contact Paul or Executive Director Paula Ostaff:

<http://www.order-of-the-engineer.org/> The Order is celebrating its 50th

Anniversary, April 2, 2020 at Cleveland State University





Don Rathbone, Dean Emeritus, Kansas State University, was recently recognized by Marquis Who's Who with the Albert Nelson Marquis Lifetime Achievement Award. He routinely meets for a Tuesday afternoon beer at Old Chicago with Ken Gowdy & Tom Roberts. Don and his wife Lynne live in Manhattan, KS. Daughter Lynda visits from Spain 2 to 3 times a year. (email tcr@ksu.edu for a mailing address for Don.)



Newly elected ASEE Fellow Vice-Chair Frank Croft examines the official "Bill Wilhelm" gavel.



New ASEE Fellow Chair Sarah Rajala receives the "TSA approved" gavel from past-chair Tom Roberts.



"Bill Wilhelm Gavel" lists past chairs:
Carl E. Locke, 2010-2012
Mary Anderson-Rowland, 2012-2014
Wally Fowler, 2014-2016
Tom Roberts, 2016-2019
 Hopefully the "TSA approved" gavel will be properly adorned by new chair Sarah for the 2020 annual conference!



**ASEE Academy of Fellows
Minutes of Annual Meeting – Tuesday, June 26, 2019, Tampa, FL**

The breakfast meeting was called to order at 8:30 a.m. by Tom Roberts, Chair, ASEE Academy of Fellows. Newsletter Editor Lucy Morse was introduced and thanked for her service. Past Chair Mary Anderson-Rowland has retired from Arizona State and was not present. Craig Gunn served as official photographer.

The purpose of the meeting was to 1) Celebrate past successes and service to ASEE; and, 2) Encourage those present to help recognize volunteers deserving of ASEE Fellow recognition.

Sixty not-so-new Fellows introduced themselves along with updates about those absent. Seven of 9 new 2019 Fellows attended the breakfast, were welcomed, and, introduced themselves: (Lisa Benson (Clemson), Angela Bielefeldt (Univ Co – Boulder), Ann Christy (Ohio State), Milo Koretsky (Oregon State Univ), Anna McKenna (Arizona State Univ), John Falconer (Univ Co – Boulder), & Julie Martin (Clemson). Lisa Bullard (NC State Univ) & Joseph Hekert (NC State Univ) were presenting at a paper session and could not attend.

Tom distributed the attendance roster – Sixty-seven Fellows/guests signed-in. Tom also asked attendees to fill out the Fellow news information forms placed at each table or to send news to tcr@ksu.edu

There was a moment of silence for departed Fellows.

2018 Meeting minutes were distributed at each table, there were no additions / corrections. Approved.

Ashok Agrawal, Managing Director, Professional Services, (representing Exec. Dir. Norman Fortenberry) welcomed Fellows and thanked them for their service to ASEE. He recognized thanked the elected leadership of ASEE, Bevelee Watford, Past President, Stephanie Farrell, President, Stephanie Adams, President Elect, and soon-to-be President Elect Sheryl Sorby. Ashok updated those present on 1) Improved ASEE finances-adding net assets over reserves with goal of 2M; 2) Increased membership – individual & institutional; 3) Monolith going away/new AMS, IMS & LMS system in 18 months; 4) New profile data system.

ASEE 2018-2019 President Stephanie Farrell, Rowan University, was introduced and thanked for her service to ASEE. She highlighted the Board of Directors efforts to increase member feedback and engagement, and, encouraged the Fellows to bring actionable recommendations for improvement back to the leadership. Also, she noted that work was being done to provide a mothers' room, gender neutral restrooms.

Old Business: Tom Roberts provided an update on efforts to create on-line ASEE Fellows History, thanking Lyle Feisel (who was unable to attend the conference) for his leadership. A special thank you to 31 Fellows who completed their history [https://ethw.org/First-Hand:ASEE Fellows](https://ethw.org/First-Hand:ASEE_Fellows). Instructions for creating member histories and posting them on-line were distributed at the tables and in the June 2019 Newsletter.

All present were asked to seek new Fellow candidates and support the nomination process. Quality letter writing is preferred to brief one paragraph nomination statements.

New business: Tom Roberts introduced the nominating committee's recommendation for officer elections: Sarah Rajala, Chair & Frank Croft, Vice-Chair/Secretary. Tom Roberts will serve as Past Chair/Newsletter Editor. The nominees agreed to serve for two years as outlined in the Academy of Fellows Bylaws. Motion made to accept the nominating committee report, seconded and approved. The "official" Past-President Bill Wilhelm gavel was passed to incoming Chair Rajala.

The next meeting of Academy of Fellows is planned for: Tuesday, June 23, 2020, Montreal Quebec, Canada. New Fellows were asked to stay for photos with photographer Craig Gunn. Meeting adjourned at 9:20 a.m.

Respectfully Submitted
Tom C. Roberts, P.E. F.ASEE, F.NSPE
2016-2019 Chair



Ashok Agrawal, ASEE Managing Director, Professional Services (now retired), welcomed Fellows and thanked them for their service to ASEE. And, Ashok, we thank you for your service to ASEE!!

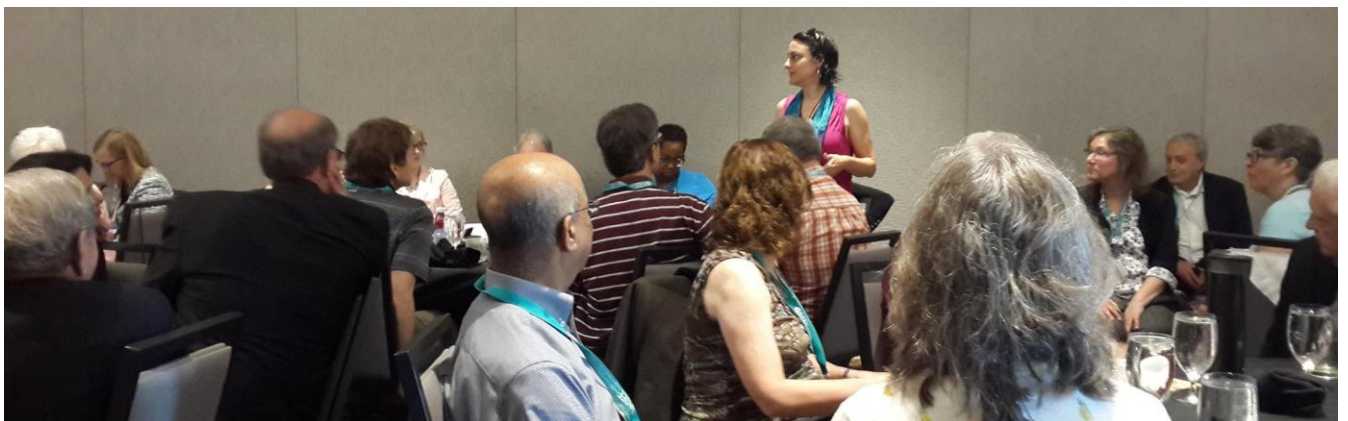


Chair Sarah Rajala welcomes new ASEE Fellow Ann Christy, Ohio State.



Vice-Chair Frank Croft welcomes new ASEE Fellow Anna McKenna, Arizona State Univ.

Scenes / Fellow Breakfast Introductions – June 26, 2019:



More to come in future newsletters!!!! To include your news, please send your notes and pictures to: Tom Roberts, tcr@ksu.edu.

HAPPY 125TH ANNIVERSARY ASEE!

During 2018 – 2019, ASEE is observing the 125th anniversary of its founding in 1893. Several events were planned for the Annual Conferences in Salt Lake City and Tampa. Other activities took place throughout the year. One on-going activity is to gather an important aspect of the Society's history: the life stories of its most eminent members, the ASEE Fellows.

The goal is to have every ASEE Fellow write their personal history – as brief or as extensive as they like – and file it on a special list of the Engineering and Technology History Wiki (ETHW). The wiki is a cooperative effort of several engineering societies and is the on-line repository of an enormous amount of material relating to the history of our profession.

The ASEE Fellows page is http://ethw.org/First-Hand:ASEE_Fellows. Check it out. Currently, it lists just a few histories developed during the initial phase of this project. We hope it will eventually list hundreds of names, including yours.

The **“Fellow History Template”** is an outline of the elements that a Fellow History should include. This is meant for guidance, so don't feel constrained. You can look at some of the histories on-line to see how others have responded (some are brief – others are more complete).

The **“Upload Instructions”** tell you how to move your history to the website. The process looks a little formidable, but it really is pretty simple. The document also tells you where to go for help.

Our request: Please write and upload your personal history as your addition to the 125-year history of ASEE. **Bear in mind that it is easy to edit or add to your history at any time in the future so if you don't have time at the moment to finish, upload it anyway.**

Our challenge: Let's see how many histories we can have on-line by the end of June 2020. Other Fellows and ASEE members look forward to reading your history.

Thank you for recording your history!

Check to see who recorded their ASEE Fellows histories:

http://ethw.org/First-Hand:ASEE_Fellows

"Fellow History Template"

Structured Outline

History of an ASEE Fellow
Name of Fellow
As of (date written or revised)

Birthplace:

Birth date: Optional but encouraged

Family:

We live in a global society and, no matter what country we live in, we are most likely the descendants of immigrants. Our ethnic origins could be of considerable interest. Similarly, many of us have ancestors, relatives and/or progeny who are relevant to the history of engineering and perhaps of engineering education. Their stories would be useful.

Education:

Fellows have followed many different paths through their education and those stories would be interesting and useful to a historian.

Employment:

Most Fellows have moved around a bit and have had experience in both industry and academe. This section would include not only the various employers but also a description of the positions held.

Research and Scholarship

While most fellows have devoted much of their energy to the education enterprise, most have also performed research, written editorials, published books, etc. This work is very important to understanding the people who become Fellows. This would not be a place for a publication list but rather a narrative description of the Fellow's scholarly career.

Philosophy of Engineering Education

Whether the fellows have taught or administered or worked in industry or government, they have spent a great deal of time involved in engineering education and have almost certainly developed ideas about how engineering education should be conducted. Those thoughts would be useful for the readers of these profiles and for the history of engineering education.

ASEE Activities

This section is very important from the standpoint of the history of ASEE. Stories, anecdotes, brief histories would be appropriate. Memories and stories of ASEE people would be highly desirable and very useful for historians.

Other Professional Activities

Most ASEE Fellows have been active in many other professional societies and information on those activities will be a useful addition to the data base.

Upload Instructions: History of an ASEE Fellow

On the Engineering and Technology History Wiki (ETHW), your history will be entered in the section called "Firsthand Histories". Here are instructions for creating an account and setting up your firsthand history:

1. Request an account by going to the ETHW account creation page:

<http://ethw.org/Special:RequestAccount>

which is also accessible from the "Account" pulldown menu.

The form takes approximately 30 seconds to fill out, and the site will send you an email asking you to confirm your email address. If you did not receive an email within 15 minutes, check your spam folder. If the email does not appear in your spam folder, contact Nathan Brewer at n.w.brewer@ieee.org

2. When the account has been approved by an ETHW administrator, you will get a notification with your temporary password. At this stage, the account is active, and you can log in with your username and password here:

<http://ethw.org/Special:UserLogin>

which is also accessible from the "Account" pulldown menu.

3. When you have logged into the website, go to the article creation page:

<http://ethw.org/Create>

which is also accessible from the Main page.

From here, select "First-Hand History" from the pulldown menu, enter a title in the text box, and click "Create First-Hand History". Your title should be "History of an ASEE Fellow – (your name)". Please note you must be logged into the website to create content.

4. The site will now take you to an editing window. You can compose text within this window, but you will probably want to **cut-and-paste** from an existing document.

5. When you have finished editing, scroll to the bottom of the page and click the "Save page" button.

IMPORTANT: The article will not appear on the website until you click "Save page". If you are composing on the page, it is recommended you save your work frequently, especially if you are planning to write a lengthy history. If you do not hit "Save page", any changes you make will be lost. After saving the page, you can always make modifications later if needed.

6. When you are satisfied with your article, contact Nathan Brewer at n.w.brewer@ieee.org to add it to the ASEE Fellows First Hand History page.

If at any stage in this process you require technical assistance, please contact Nathan Brewer at n.w.brewer@ieee.org