



ASEE Academy of Fellows Newsletter

Fall 2015

Message from the Chair

Greetings from the Chair

Joe Rencis has suggested that the ASEE Academy of Fellows consider leading a special activity celebrating ASEE's 125th anniversary in 2018. With two years to go, we should be able to identify an appropriate activity, develop the necessary plans, advertise it, and get it under way. The major question is "What should we do?" With the accumulated wisdom and experience resident in the ASEE Academy of Fellows, we should be able to come up with several very good options for such an activity.

The purpose of this note is to invite each of you to suggest candidate special activities for the Academy to conduct in celebration of ASEE's 135th anniversary. Suggested activities will be considered by a committee of Fellows and one (or maybe two) activities will be chosen for implementation. Please consider ideas and we will ask for your thoughts in the spring. We will present the list of submitted activities at the ASEE Academy Fellows Breakfast in New Orleans in June.

Wally Fowler, Chair



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.

Note from Editor

We have decided to add an extra edition of the Newsletter. There are great pictures taken by Ed Jones of the 2015 Academy of Fellows Breakfast.

Please collect news of other Fellows over the holidays and we will publish the Fellows Fodder in February.

Lucy Morse

Academy Officers

Wally Fowler, Chair, Wallace.Fowler@austin.utexas.edu

Mary Anderson-Rowland, Past Chair,
mary.anderson@asu.edu

Tom Roberts, Secretary, tcr@ksu.edu

Lucy Morse, Newsletter Editor, morse@mail.ucf.edu

Mark Your Calendars

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.



ASEE Annual Conference:

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):

Austin, TX. 2016
Jacksonville, FL. 2017

Engring Research Council (ERC) Annual Conf:

Silver Springs, MD, March 7-9, 2016

Engineering Dean's Institute:

San Francisco, CA. Mar 30-Apr 2, 2016
Coral Gables, FL, Apr 2-5, 2017
New Orleans, LA, March 25-28, 2018
San Antonio, TX, Apr 13-17, 2019

Engr Deans Council Public Policy Colloquium:

Washington, DC. February 10-11, 2015
(Same. 2015-2020)

ASEE Workshop on K-12 Engr Educ:

New Orleans, LA. June 25, 2016
Columbus, OH. June 24, 2017
Salt Lake City, UT. June 23, 2018
Tampa, FL. June 15, 2019
Montreal, Quebec, Canada. June 20, 2020

International Forum:

New Orleans, LA. June 26, 2016
Columbus, OH. June 25, 2017
Salt Lake City, UT. June 24, 2018
Tampa, FL. June 16, 2019
Montreal, Quebec, Canada. June 21, 2020

For additional info: Visit www.asee.org

**ASEE Academy of Fellows
Minutes of Annual Meeting – Wednesday,
June 17, 2015
Seattle WA**

The breakfast meeting was called to order at 9:30 a.m. by Tom Roberts, Secretary/Vice-Chair. ASEE Academy of Fellows Chair Wally Fowler was unable to attend due to flooding and illness. Past Chair Mary Anderson-Rowland and Newsletter Editor Lucy Morse were introduced as current officers.

New 2015 fellows able to attend the breakfast were welcomed / introduced (Patricia D. Bazrod, Martha Cyr, Norman Dennis, Ruth A. Streveler, Richard C. Warder, and Ronald W. Welch). Twelve new fellows were highlighted in the June 2015 newsletter. Not-so-new Fellows were also introduced along with greetings from those absent.

The first order of business was a moment of silence for departed fellows: Paul Ernest Torgersen and Arthur T. Thompson were acknowledged in the June 2015 newsletter. Members attending the breakfast honored Ernie Smerden and Bill LeBold.

2014-2015 President Nick Altiero was introduced and reported on the organization of the newly launched Strategic Doing Process, Employee Involvement, and ASEE's changing business model.

2015-2016 President Joe Rencis was introduced and reported on plans to implement the Strategic Doing Plan (including the collaboration platform at the grassroots level) and reported on the outcomes of the Pathfinder project. He discussed increased frequency of communications to members and the efforts to balance the budget and changing business model.

Executive Director, Dr. Norman Fortenberry was introduced, recognized ASEE staff and provided remarks about the Annual Conference, headquarters operations and the pending ASEE 125th Anniversary Celebration. He encouraged Fellow members to let him know how ASEE can be better (unpursued opportunities).

There was no old business.

ASEE President-elect Joe Rencis recommended that Fellows engage in a history project (pictures, movies, archives, etc.) as a part of the 125th celebration. Discussion ensued and consensus was reached that Fellows interested in participating should volunteer (Vice-Chair Roberts agreed to take names).

Members expressing interest include: Lyle Feisel, Ted Vickert, Dan Bundy (bundy.pitt.edu) and Mary Anderson-Rowland.

New Fellows were asked to stay for photos. Lucy Morse called for newsletter input.

The next meeting of Academy of Fellows is:
Wednesday, June 29, 2016
New Orleans, LA

Respectfully Submitted
Tom C. Roberts
2014-2016 Secretary / Vice-Chair

ASEE is now accepting Fellow Member nominations to be presented at the 2016 ASEE Annual Conference in New Orleans, Louisiana, June 26 - 29, 2016.

You are encouraged to consider nominating one or more deserving colleagues for this honor. The deadline for Fellow Members nominations is February 1, 2016.

If you nominated someone for 2015, or 2014, and they weren't selected, they will be reconsidered again this year. Please visit www.asee.org/public and click on **Award Nominations** to view your nominations. Questions may be sent to t.manicom@asee.org.

Edmund T. Cranch
1922 - 2015



Dr Edmund T. Cranch, the 1986-1987 ASEE President, passed away at the age of 92 in his Bonita Springs, Florida home on February 4, 2015. Dr. Cranch joined ASEE in 1953 while a Cornell University engineering mechanics faculty member. He held a variety of ASEE positions including service on the ASEE Board of Directors and was recognized by many awards, among them being named an ASEE Fellow, and the recipient of a 1993 ASEE Centennial Medallion.

Dr. Cranch was raised in Westfield, NJ. After high school, Cranch attended the Newark College of Engineering for two years before enlisting in the U.S. Navy and entering the Navy's V-12 officer training program during WW II. Under that program, he entered Cornell University, earning a BS in Mechanical Engineering in 1945. He was commissioned as an ensign and saw duty on the USS Providence. After his release from active duty, he joined the technical staff of Bell Labs in electromechanical design for a brief time. He then returned to Cornell as a graduate student, and in 1951 earned his Ph.D. in mechanics, mathematics, and applied physics.

Cranch became an engineering mechanics faculty member, conducted research in experimental and theoretical mechanics, and taught many undergraduate and graduate courses. He was a gifted classroom instructor, noted for his well-organized presentations and his elegant, blackboard work.

Dr. Cranch served two terms as head of Cornell's Engineering Mechanics department before being named associate dean of engineering for graduate study and research in 1967. In 1970, he was one of the first faculty members elected to serve on the Cornell Board of Trustees. From 1972 to 1978, he was Cornell's Dean of the College of Engineering.

Society for Mechanical Engineers. With Dr. Edward Ernst, he served as co-editor of the ASEE Centennial Issue of the *Journal of Engineering Education* and authored a visionary paper on graduate engineering education.

From 1978 to 1985, Dr. Cranch served as the 12th president of the Worcester Polytechnic Institute. Working with the WPI faculty and embracing the WPI Plan, he oversaw a fine-tuning of the undergraduate program, and supported a number of new graduate initiatives, including an MBA program and doctoral studies in computer science and in materials science and engineering. New Exchange efforts were initiated in England, Scotland, and Sweden. Cranch lent support for the Manufacturing Engineering Applications Center, MEAC, which brought together sponsoring companies to work with WPI faculty and students to implement automated manufacturing. With the advent of personal computers, Cranch appointed a dean of academic computing and formed a campus-wide committee to develop and manage a plan to integrate personal computers into WPI's academic and research programs.

Following his service as WPI's president, Dr. Cranch accepted the presidency of the Wang Institute of Graduate Studies based in Tyngsboro, MA. It was established by An Wang, founder of Wang Laboratories, to supply highly skilled industrial software developers. The Wang Institute closed in 1988. Dr. Cranch also served the University of New Hampshire as the Granite State Professor. In his retirement, he consulted in engineering education and distance learning.

Dr. Cranch was very active nationally in engineering practice and education. During the time he was a National Science Foundation Fellow he worked at Stanford University and in Zurich. He published frequently and helped conduct studies for the National Academy of Engineering. He was a Fellow of the American Society for Mechanical Engineers. With Dr. Edward Ernst, he served as co-editor of the ASEE Centennial Issue of the *Journal of Engineering Education* and authored a visionary paper on graduate engineering education.

Distressed by the inhumanity of war and the threat of thermonuclear destruction, Dr. Cranch and his wife became active members of the Ithaca Religious Society of Friends (Quakers.)

Dr. Cranch is survived by his wife of 70 years, Virginia Harrison Cranch. He and Virginia had known each other since their childhood. He is also survived by a daughter and two sons, five grandchildren, and three great grandchildren.

We fortunate Cornell graduate student/instructors who studied from and worked with Dr. Cranch, especially during the 1950's and 1960's, found him to be an unflinching fine, life-long mentor and friend whose impact on us was enormous. We are very indebted to him.

Assembled by John Weese using items from the web including the Ithaca Journal and the Worcester Polytechnic Institute and from personal sources.

Pictures from 2015 Breakfast



