

American Society for Engineering Education

First-year Programs Division

Newsletter

Fall 2011

Editors: Sue Freeman, Rich Whalen, Beverly Jaeger - Northeastern University

ASEE Vision Statement

"ASEE will serve as the premier multidisciplinary society for individuals and organizations committed to advancing excellence in all aspects of engineering and engineering technology education."

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A Message from the Chair

From Where I Sit...

(A Message from the FPD Chair)

Good ASEE Annual Meeting in Canada, eh?

I hope you were able to attend the 118th ASEE Annual Conference & Exposition held June 26 - 29, 2011 in Vancouver, BC, Canada. If you did attend...

- You were part of the largest crowd ever to gather for an ASEE Annual Conference.

- You had to carefully choose what to attend from among 400+ technical sessions, which offered peer-reviewed papers spanning all disciplines of engineering education, and a variety of Distinguished Lectures.

- You were encouraged to attend many of the 11 First-year Programs Division (FPD) technical sessions which provided 51 technical presentations over the three days.

- You perhaps enjoyed a glass of wine while perusing the several FPD poster presentations at the "Focus on Exhibits" Happy Hour.

- You possibly took advantage of two FPD-sponsored workshops offered on Sunday including "I Hadn't Thought of Doing That: Sharing Best & Unique Practices in the Classroom" presented by a team of talented FPD folks.

- You enjoyed refreshingly cool and very pleas-

ant weather in Vancouver.

- You added greatly to the value of gathering as a group of people passionately dedicated to and deeply immersed in engineering education, and you contributed significantly to the conviviality of the event. Thanks!

The 2011 ASEE Annual Conference was indeed a grand and good meeting. The 2011 FPD program included, for the second year in a row, two full technical sessions dedicated to engineering education research topics related to first-year programs. The papers in these sessions had varying topics relevant to helping us learn who our students are and how first-year outcomes are affected by what we do. As a special program feature, one FPD technical session gathered five of the six papers nominated from the Division as an ASEE "Best Paper" into one session – "Presenting 'All the Best' of the First-Year Programs Division." The very Best Paper from FPD also received the 2011 ASEE PIC III Best Paper award. Note: This is the fifth time in the last seven years that the PIC III Best Paper has been from FPD. FPD papers have also been named the ASEE Conference Best Paper twice in that same time period, and so clearly, we're good.

To underscore that first-year programs impact many different areas within engineering education, FPD co-sponsored 4 workshops and sessions. The co-sponsors were ASEE Corporate Members Council, First-Year Programs, K-12 & Pre-College

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Call for Papers – San Antonio 2012

In this newsletter is the official First-Year Programs Division (FPD) "Call for papers" for the 2012 Annual Conference in San Antonio, Texas.

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Engineering, Engineering Deans Council, College Industry Partnerships, Women in Engineering, and IEEE Educational Activities. Of special note among these co-sponsored sessions was "Gender and Engineering Education: A Panel Discussion and Workshop." The goals of this session were to help educators become more aware of how they relate to gender and how their behavior and discourse may affect their students. These goals were achieved through panel discussion, presentations, and small group activities.

Rounding out the FPD activities at the 2011 Annual Conference was the FPD business meeting held on Tuesday. Traditionally at this meeting, FPD recognizes Best Papers and Best Presentations (congratulations!), acknowledges distinguished service (thanks!), and conducts the required elections of FPD officers and members to the FPD Executive Board (welcome aboard!). Please see the articles elsewhere for all the details of the FPD business meeting.

I am probably a little biased, but the 2011 Annual Conference was very successful. This was the direct result of many helping hands in the form of reviewers, session moderators, newsletter editors, FPD members, as well as the many authors that prepared high-quality papers and delivered top-notch presentations. And now with only a short rest, efforts will get underway for the 2012 ASEE Annual Conference to be held June 10 – 13, 2012 in San Antonio, Texas. Look for the 2012 call for papers elsewhere in this newsletter. Rich Whalen (r.whalen@neu.edu) is the program chair for FPD for the 2012 Annual Conference, and I'm sure he would welcome your help. Please feel free to contact him and volunteer to help with reviews of abstracts and papers or to moderate a session.

Finally, perhaps you detected just a slight bit of word play in the title of this column, "From Where I Sit". Well, of course, I currently sit in the Chair position for the First-year Programs Division. But I did not want to title the column "A Message from the FPD Chair", because I didn't want the message to be about me, or the Chair of First-year Programs Division. As was demonstrated at the 2011 ASEE Annual Conference, the best form of communication occurs when we exchange messages and share information among all of us. We can all learn something from each other. As Chair, I do have access to the division-wide email listserv, and I'd like to use it this year regularly. So, if you have an interesting word or thought to share, or a teaching tip or other information that you think would be useful for all of us, send it along to me "from where you sit." I will be happy to send out to all of us. Thanks!

With kind regards,

Rick Freuler

2011-2012 First-year Programs Division Chair

ASEE 2012: Next Year in San Antonio

FREE STUFF TO DO

Don't miss [the Alamo](#), Texas' #1 visitor attraction. Stroll the secluded parts of the [River Walk](#) or wander through the [Spanish missions](#). Soak in live music, from polka to R&B, daily at [Main Plaza](#). If you come early, Tuesdays at the [San Antonio Museum of Art](#) are free.



FUTURE CONFERENCES:

FILE: 2011 Frontiers in Education Conference:

"Celebrating 40 Years of Innovation"

October 12 – 15, 2011

Rapid City, South Dakota

Annual ASEE Global Symposium on Engineering Education in the Global Economy:

October 24–25, 2011

Being held in lieu of the ASEE Global Colloquium
Sihanghai, China

Conference for Industry and Education Collaboration (CIEC):

"Transforming the Education of Future Generations in Engineering and Engineering Technology"

February 1-3, 2012

Orlando, FL

Upcoming Annual ASEE Conferences!

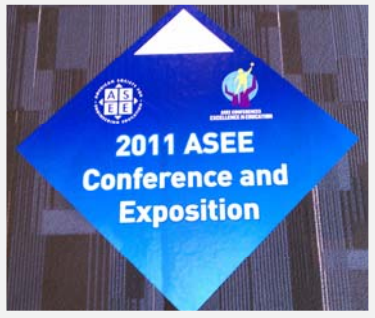
2012 ASEE Annual Conference & Exposition
June 10 - 13, 2012 - San Antonio, TX

2013 ASEE Annual Conference & Exposition
June 23-26, 2013, Atlanta, GA

2014 ASEE Annual Conference & Exposition
June 15-18, 2014, Indianapolis, IA

2015 ASEE Annual Conference & Exposition
June 14-17, 2015, Seattle, WA

It is not too early to put Atlanta on your calendar :)



*FPD Sessions
and Vancouver
Highlights*



Vancouver, BC



Call for Papers – San Antonio 2012

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Abstract submission, the initial step in getting a paper accepted for the conference, has already begun and **abstract submission will close on October 7th**. Please see the details on the page below that outline the requirements for abstracts and papers.

Submission of abstracts and final papers will be via the ASEE Monolith system and in accordance with ASEE published deadlines. See the ASEE website below for any additional information on the conference:

<http://www.asee.org/conferences-and-events/conferences/annual-conference/2012>

As has been recommended in previous years, it is important to have abstracts ready somewhat before the deadline, and plan to submit early. Leave the last-minute crisis management to others!

General Author Deadlines

Abstract Submission	October 7, 2011
Abstract Status Notifications	December 2, 2011
Draft Paper Submission	December 5, 2011 – January 6, 2012
Registration and Housing Open	January 9, 2012
Draft Paper Status Notifications	February 24, 2012
Final Paper Submission	March 9 – March 16, 2012
Accepted Pending Changes Decision	March 23, 2012
Proceedings/Copyright Transfers	March 30, 2012
Author Registration Deadline	March 30, 2012
Housing Deadline	TBA

Blind peer review occurs for both abstracts and papers. Abstract acceptance does not guarantee acceptance of the paper. ASEE has a Publish-to-Present requirement and final papers must be written and accepted in order for the work to be presented either in a technical session or a poster session at the 2012 ASEE Annual Conference in San Antonio, Texas. The reviewers will include members of the FPD Executive Board, session chairs for the conference, and volunteer reviewers.

It is not too late to become a reviewer or session moderator. Please contact Rich Whalen at r.whalen@neu.edu if you are interested in serving in either or both of these capacities.

The First-Year Programs Division is proud to encourage quality papers and presentations: in addition to first and second place best paper awards *with \$cash awards*, there are awards for the best presentation and for the best STUDENT presentation. The authors and presenters will receive a check and award at the FPD business meeting in San Antonio. We look forward to seeing you there!

FIRST-YEAR PROGRAMS DIVISION – 2012 CALL FOR PAPERS

The First-year Programs Division (FPD) seeks papers relating to educational activities associated with first-year engineering students, including freshman and transfer students. Topics under consideration include those below, and papers on other pertinent topics are very welcome.

Topic Suggestions:

- Linkages with K-12 education,
- Pre-college programs and experiences,
- Linkages with 2-year, transfer prep, and junior college institutions,
- Integrated contextual, and practice-oriented curricula for the first year,
- Integrating engineering design into the first year,
- Innovative approaches to first-year engineering education,
- Insights into teaming, group work, and team/member assessment,
- Creative problem-solving courses and/or related teaching activities,
- Project-based and hands-on courses and/or related teaching activities,
- Instructional use of computers and computer software,
- Advising, student services, and orientation programs, and
- Retention strategies and programs

Due to the competitiveness of publication in the First-year Programs Division, the quality of abstracts submitted is of utmost importance. As the reviewers are required to evaluate numerous submissions in a short time frame, below are some guidelines and features authors may want to incorporate in order to help the reviewers gain a better understanding of the nature of the work submitted. As each author's potential for contribution to ASEE through the FPD is unique, all of the suggested criteria do not have to be met.

Minimum Abstract Requirements:

- Extended abstracts of up to one full page of text are customary (750-800 words).

This is a blind submission and blind review. Do not include the names of institutions or authors anywhere in the abstract. However, in order to help facilitate an accurate review it is reasonable to include a contextual description of the University or College at which the program or research was conducted. It is suggested to use descriptors such as: *a large, urban private institution in the northeast considered to be selective with a mostly regional student population; OR a medium-sized, comprehensive and residential institution in the mid-west.* Be sure to omit any details such as course names and numbers (EN1100), academic building names/descriptors (Voss Engineering Building) or distinct references to the academic program of interest (STEPS, GUIDES).

Additional Abstract Guidelines and Suggestions, as Applicable and Relevant:

- Include some brief background information, and/or the pedagogical theory or approach being used;
- Indicate the form that your outcome(s) will take;
- Methods of assessment should be made clear;
- A second page may be used to include a graph or image to clarify the nature of your work or to include limited references to indicate a basis for the work undertaken.

For more information, contact:

Dr. Richard Whalen
334 Snell Engineering Center
Northeastern University
360 Huntington Ave.
Boston, MA 02115-5000

Phone: 617-373-4706
Fax: 617-373-2921
Email: r.whelen@neu.edu



Members of the 2011-2012 Executive Committee are (left to right) Richard Freuler (Chair), Chris Rowe (Past Chair), Richard Whalen (Program Chair), Beverly Jaeger, Robin Hensel, Jean Kampe, Susan Freeman, Kenneth Reid, Scott Moor (Secretary/Treasurer)

Not available: Paul Palazolo, Keith Mazachek, Mara Knott

Meet the Board

The First-Year Programs Division By-laws provide for an Executive Committee to administer the affairs of the division and to formulate policy. This committee has eight members elected by the FPD membership for terms of four years each, with the terms staggered so that two members are elected each year. At the Annual Conference, elections are held each year at the Division Business Meeting and officers for the division are selected by the Executive Committee from its members prior to the business meeting. The officers include the Chair, Program Chair, Program Chair-Elect, Secretary/Treasurer. The By-Laws provide for a succession from Program Chair-Elect to Program Chair and then to Division Chair over a three-year period. Following a term as Chair, the past chair remains on the Executive Committee for an additional year and becomes the ninth member of the committee unless his/her term on the committee has not yet expired.

We welcomed Susan Freeman and Mara Knott to the FPD Executive Committee at the Division Meeting in Vancouver. The entire 2010-2011 Executive Committee is pictured in the photo above which was taken following the Division Business Meeting. Contact information for each member of the executive committee is provided here.

The number in parentheses indicates the year each member is scheduled to rotate off the board. At the 2012 Annual Meeting in San Antonio, we will have elections to serve a four-year term on the board. If you are interested in being nominated please let current past chair Chris Rowe know.

Meet the Board (continued)

Chair

Richard Freuler (2011)
Engineering Education Innovation Center
The Ohio State University
Freuler.1@osu.edu

Program Chair

Rich Whalen (2013)
Mechanical and Industrial Engineering,
Northeastern University
whalen@coe.neu.edu

Program Chair, Elect

Robin Hensel (2013)
West Virginia University
Robin.hensel@mail.wvu.edu

Secretary/Treasurer

Scott Moor (2012)
Mechanical Engineering
IU Purdue Fort Wayne
moors@ipfw.edu

Past Chair

Christopher Rowe (2012)
Mechanical Eng, Education Dept
Vanderbilt University
chris.rowe@vanderbilt.edu

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Meet the Board (continued from previous page)

Members at Large

Jean Kampe (2012)
Engineering Fundamentals
Michigan Technological University
kampej@mtu.edu

Kenneth Reid (2014)
Director of Freshman Engineering
Ohio Northern University
k-reid@onu.edu

Paul Palazolo (2014)
Asst Dean, Recruitment and Retention University of Memphis
ppalazol@memphis.edu

Keith Mazachek (2012)
Washburn University
Coordinator of the Engineering Transfer Program
keith.mazachek@washburn.edu

Susan Freeman (2015)
College of Engineering
Northeastern University
sfreeman@coe.neu.edu

Mara Knott (2015)
Dept. of Engineering Education, Virginia Tech
660 McBryde Hall
Blacksburg, VA 24061

First-Year Program Division Board Meeting Minutes, June 28, 2011

Division Chair, Chris Rowe, called the meeting to order. Those in attendance introduced themselves.

PIC III Chair, Jenna Carpenter, presented information from the board and answered division members' questions. Jenna reported as follows:

ASEE's new Executive Director, Norman Fortenberry has started in the last several weeks. There were over fifty applicants for the position and five finalists.

A new paper management system for ASEE, Monolith, began use this year. This new software provides a new platform for ASEE's paper management, conference registration, membership records and the society's website. Jenna circulated a notebook to gather comments on this new system; this is being done in all divisions. While there are the usual problems with a computer system of this size; The system was successful in handling the conference paper management including dealing with the 85% of all abstracts submitted that were submitted in the last 6-8 hours (our students' are not the only procrastinators).

A new Best Paper Rubric has been developed over the last year and will be used to judge papers at the PIC and Conference level next year. A copy of this new rubric will go out with call for papers

Division operating budgets are set based on \$1 per member in the division. Additional funds (up to \$500) are awarded based on submitted proposals to increase membership or to increase member involvement. Six were awarded this past year in PIC III. Last year's successful proposals included funding for panels, for sending new members to the banquet, and for sending out a pre-conference division mailing. Such grants will be available again this year. The request for proposals and single page application form will go out with the call to papers.

ABET is sponsoring a day of sessions at the conference on Wednesday.

A special session is being considered for next year that would present the five PIC best papers.

ASEE currently has 8,700 professional members, 1,000 student members, plus corporate and affiliate members totaling approximately 13,000 members. This is slightly down from last year. This year's conference is ASEE's largest with 2900 abstracts submitted, 700 more than ever submitted. In the end 1700 papers were accepted and 3700 are attending the meeting; both of these are all-time highs.

Dr. Carpenter took questions from the gathering. She was asked about progress on discussions to allow easier collaboration between groups in different PICs. These discussions are still ongoing.

Also discussed was the possibility of updating the presentation evaluation form and the system for providing results of these evaluations. Dr. Carpenter noted that this next year is likely a good year to look at this issue. Electronic entry of evaluations is being considered. Also a conference App is being piloted this year and may be rolled out next year. Integrating evaluations with this platform may be possible.

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FPD 2011 Business Meeting Minutes *(continued from previous page)*

Jenna Carpenter introduced incoming PIC III Chair, Joe Rencis (jjrencis@uark.edu). Members are encouraged to contact Joe with their comments and suggestions.

Minutes from 2010 were distributed in the 2010 Newsletter and at this meeting. The minutes were **APPROVED**.

Treasurer Report: Last fiscal year (2010) the division had a positive balance, receiving approximately \$1000 more than we spent. No expenses have been paid yet this year. It is expected the expenses will exceed income by about \$500 – 1,000 for fiscal year 2011 due to extra conference expenses from location costs, workshop and a larger than usual award plaques.

Current balance in operating account is \$567. However, known commitments will likely spend this amount out by the end of the fiscal year. Current balance in BASS account is over \$10,000.

Program Chair Report: Rick Freuler, Program Chair for 2011 passed out a complete program chair report. A total of 96 abstracts were submitted and 85 were accepted. From these 66 full papers were submitted with 51 accepted for presentation and ten accepted for poster presentation. FPD sponsored two Sunday workshops, ten regular sessions, one panel/workshop session and one poster session. The 10 regular sessions have 5 papers per session. This year all sessions are the same length (90 minutes each). We are using the poster session for the first time in many years.

A total of six papers were nominated for best paper awards. Five of these papers were grouped into one session titled "All the best". The sixth paper was the basis for the panel/workshop session. The best paper from FPD also received the PIC III best paper award. Note: This is the fifth time in the last seven years that the PIC III best paper has been from FPD (we also have two conference best papers in that time).

Call for Papers for next year was quickly reviewed by Chris Rowe. The complete call will be in the Division Newsletter and posted on the ASEE website.

Membership: Chris Rowe reviewed the division's membership statistics. He reported that FPD has 533 active members; this is 4.4% of the total membership in ASEE. Membership has been approximately level over the past few years. The division has the third largest membership in PIC III and the 14-16th largest among all fifty ASEE divisions. FPD membership is 34% female, making it one of the most gender diverse in ASEE.

Report of Nominating Committee: The nominating committee consisted of Beverly Jaeger, Rick Freuler and Bala Maheswaran put forth the following nominations to fill the two available seats on the executive board:

Jim Orbeson, Bucknell University
Sue Freeman, Northeastern University
Mara Knott, Virginia Tech
Sue Freeman and Mara Knott were elected to the board.

It was announced that the board had appointed Robin Hensel as Vice Chair Elect and that the following positions were filled for the next year by succession as prescribed in the division by-laws:

Past Chair:	Chris Rowe
Chair:	Rick Freuler
Vice Chair & Program Chair:	Rich Whalen

The nomination committee also nominated, Scott Moor, Indiana University Purdue University, Fort Wayne (one-year term) to continue as Secretary/Treasurer

Robin Hensel, West Virginia University, as Program Chair Elect

There were no further nominations from the floor and the above were elected by the membership present.

Old & New business - There was an open ended discussion on including Works In Progress in the conference, Future FPD workshops and coordination with other divisions.

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ASEE 2011 FPD Best Papers

Reviewers and FPD Board members voted for the best papers. The winners are:

Best Paper Award, First Place

Service-Learning vs. Learning Service in First-year Engineering: If We Cannot Conduct First-Hand Service Projects, Is It Still of Value? Northeastern University—Susan F. Freeman, Richard Whalen, Beverly K. Jaeger, and Stanley M. Forman.



Second Place

Gender Schemas, Privilege, Micro-messaging, and Engineering Education: Practical Lessons from Theory. Franklin W. Olin College of Engineering—Yevgeniya V. Zastavker, Debbie Chachra, Caitrin Lynch, Alisha L. Sarang-Sieminski, and Lynn Andrea Stein.



Third Place (tie)

A Drop-In Tutoring Program to Support First-Year Engineering. University of Colorado, Boulder—Beverly Louie, Daniel Knight, and Jacquelyn F. Sullivan.



A Large Scale Analysis of First-Year Engineering Student Essays on Engineering Interests. University of Notre Dame—Kerry Meyers and Benjamin Mertz.



ASEE 2010 FPD Best Presentations

Best Presentation Award:

AC 2010-1033: SUCCESSFUL STUDENTS: SMART OR TOUGH? Northeastern University

Beverly Jaeger, Susan Freeman, Richard Whalen—presenters, Rebecca Payne



Highlighting Freshman Programs: Northeastern University

The Gateway to Engineering: Northeastern's First-year Engineering Program

Each year, the FPD Newsletter Features the Program associated with the Division's Best Paper. In 2011, Northeastern University (NU) earned this honor.

Article by Greg St. Martin, News Editor

University Marketing & Communications, Northeastern University

Again this summer, our Northeastern Engineering Gateway faculty earned national acclaim for their innovative work in advancing engineering education for first-year college students.

At the American Society for Engineering Education's (ASEE) Annual Conference in June, faculty members Sue Freeman, Rich Whalen, Beverly Jaeger and Stanley Forman earned Best Paper in the First-year Programs Division for their work "Service-Learning vs. Learning Service in First-year Engineering." The publication also finished among the top-five best overall papers presented at the 2011 ASEE Conference.

In the research paper, the Northeastern faculty explain the tremendous value in having engineering students participate in service-learning projects even if they all cannot experience those projects first-hand—for example, if students design water heaters or alternative power generators that are later proposed for or distributed to communities in developing countries.

In their paper, they cite that hands-on and project-based service learning experiences add up to one way that first-year students can see not only their ability to innovate in their designs, but the wide-reaching impact of their skills both locally globally.

Freeman, Whalen, Jaeger, and Forman are members of the College of Engineering's Gateway team—a group of faculty devoted to instructing and mentoring first-year students as they transition to Uni-

versity-level engineering coursework.

"The Gateway team members are passionate about this program," Freeman said. "They are a dedicated group of engineers committed to engaging first-year students and constantly improving the program."

Jaeger notes that "The first-year education program builds on the goal of the College of Engineering to create engineering professionals, who not only master the fundamentals of engineering but also understand how to present their work and make connections in industry. This is truly a team effort with the Gateway faculty, the Dean's Office, and Engineering Student Services."

Gateway instructors said that through the NU first-year program, students have learned to become resourceful problem-solvers who understand the importance of being personally responsible for their work as well as working closely with other students in teams.

"Another strong element of our program is the hands-on aspect", says Rich Whalen. "It engages the students on every level and demonstrates meaningful outcomes of engineering."

These skills help prepare students for real-world experiences working in the industry on co-op and after graduation.

Entering the engineering program, students typically take an engineering design course in the first semester and engineering problem-solving and computation course in the second semester. They also take another class taught by Student Services, a vital contributor to the program, Gateway faculty said.

Stanley Forman notes, "The Gateway Program also emphasizes teaching first year students 'life lessons' not found on the Syllabus such as personal responsi-

bility - lessons that will make them better prepared for a professional career."

Through classwork and hands-on projects, students are also exposed to the Northeastern's four engineering departments so they can discover which majors they intend to pursue and how their future major works alongside the others.

Given the fast pace of engineering breakthroughs and technological advancements in today's world, Jaeger said it is critical that engineering students reflect on their work and understand where it fits into the global community. She said this a valuable lesson emphasized in Northeastern's first-year program.

"So much in our world is moving at warp speed these days," Jaeger said. "We want students to learn to step back and reflect on why their education, efforts, projects, and co-op are useful in the larger context."

The Gateway members each expressed how much they have learned from and been inspired by ASEE involvement.

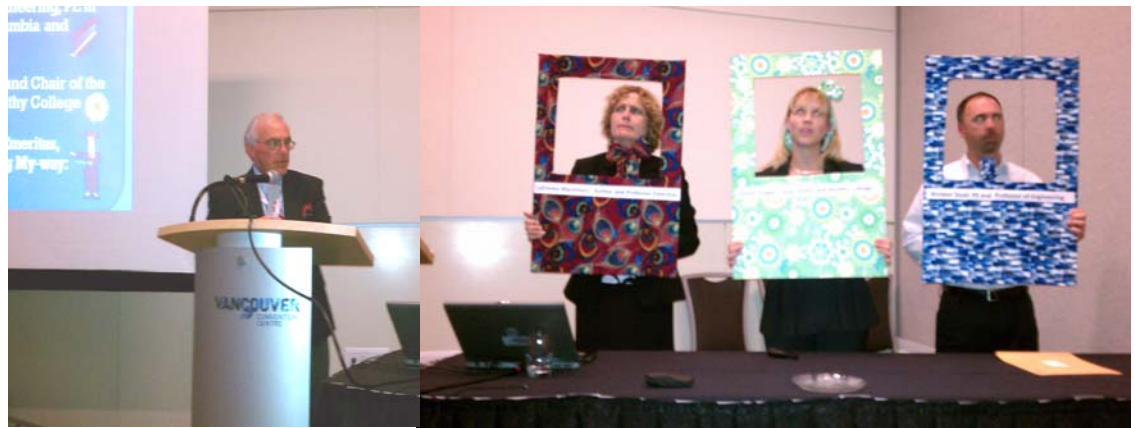


At Stanley Park in Vancouver, Beverly Jaeger, Sue Freeman, Stanley Forman and Rich Whalen



NU at ASEE banquet: Bridget Smyser, Stanley Forman, Rachelle Reisberg, Beverly Jaeger, Rich Whalen, Sue Freeman and Bala Maheswaran

Presenting at
ASEE: The
Bob O. Pinion
Talk Show



Working with Other Divisions in ASEE:

NEE - New Engineering Educators Division

Interview with NEE Membership Director Patrick Albuencia

Each year, the First-year Programs Division highlights another ASEE Division to raise awareness to the focus of other Divisions and explore ways that we in FPD may partner and work with them on future initiatives. This year's division of interest is NEE, the New Engineering Educators Division.

FPD, Q: Your Division name implies that you focus on faculty who perhaps are newer to the educational realm. However, you cater to all inspired Engineering educators and Administrators in many of your activities and sessions as well, right?

NEE, A: Yes, despite the theme centering around pre-tenure faculty, we essentially serve all people in Engineering Education including veteran educators, academic specialists, instructors, graduate students, and administrators. As an example, seasoned faculty have an opportunity to share ideas from their teaching playbook and/or their experiences before attaining tenure. Also, administrators have an opportunity to learn of issues surrounding their junior faculty, and how these are addressed in other institutions.

FPD, Q: What are some things to expect from NEE at the ASEE National Conference?

NEE, A: Well, our "Tricks of the Trade" sessions are quite popular, and involve both junior and seasoned faculty offering advice on how to succeed in teaching. Our "New Faculty Development" session provides tips for those who have been commissioned to mentor first-year/junior faculty. However, one of the most beneficial events organized by NEE is the Networking/Awards Dinner. It is an excellent opportunity to meet other junior faculty in a fun and casual setting, and learn about their experiences. Beyond these examples, the NEE division has much more to offer such as panel discussions on how to obtain funding during the first few years of your career, and sessions dedicated towards grooming graduate students for academia.

FPD, Q: In light of your response above, the New Engineering Educators Division is unique in that it could have a more dynamic membership as its constituents may see themselves moving through your Division as they mature in their academic processes and careers. What would you say to engineering educators to indicate that an enduring membership in and connection to NEE is valuable through the life of their careers?

NEE, A: In part that is true, but we have set an intention to hold the interest and dedication of NEE members even as they mature in academia. While part of our focus is on managing the challenges early in the tenure path, we have a large emphasis on the "process" in general and the development of educators on an ongoing basis. This allows a form of mentoring embedded into our Division.

FPD, Q: The First-year Programs Division (FPD) sees a partnership with NEE as a natural connection. What are some ways that you see we could liaise, partner, and co-sponsor events and/or sessions together?

NEE, A: Well, it is not uncommon for New Educators to be assigned a first-year course early in their teaching assignments. Also, the FPD has a strong emphasis on transition, en-

agement, and retention, all of which are valuable and insightful elements for not only New Engineering Educators, but all dedicated classroom educators and administrators.

FPD, Q: What are some ways NEE is beneficial after the conference is over?

NEE, A: One of the recent thrusts of the NEE division is to engage its members throughout the year. To address this, an online community in LinkedIn has been created to spark interesting discussions on issues junior faculty may encounter. You may find us at LinkedIn.com à Groups à Groups Directory à Search Groups: ASEE New Engineering Educators. Not only has it been helpful from the perspective of seeing how others address an issue, but it also provides a networking opportunity to interact with like-minded faculty, and perhaps produce a contribution to next year's conference.

Written by Beverly Jaeger in collaboration with the NEE division

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Awards were presented including:

Best Paper Awards for the 2011 conference:

1st place and also PIC III Best Paper Service-Learning vs. Learning Service in First-year Engineering: If We Cannot Conduct First-Hand Service Projects, Is It Still of Value?

Susan F. Freeman (Northeastern University), Richard Whalen (Northeastern University), Beverly K. Jaeger (Northeastern University), and Stanley M. Forman (Northeastern University).

2nd place Gender Schemas, Privilege, Micro-messaging, and Engineering Education:

Practical Lessons from Theory. Yevgeniya V. Zastavker (Franklin W. Olin College of Engineering), Debbie Chachra (Franklin W. Olin College of Engineering), Caitrin Lynch (Olin College of Engineering), Alisha L. Sarang-Sieminski (Franklin W. Olin College of Engineering), and Lynn Andrea Stein (Franklin W. Olin College of Engineering).

3rd place (tie) A Drop-In Tutoring Program to Support First-Year Engineering. Beverly Louie (University of Colorado, Boulder), Daniel Knight (University of Colorado, Boulder), and Jacquelyn F. Sullivan (University of Colorado, Boulder). ***A Large Scale Analysis of First-Year Engineering Student Essays on Engineering Interests.*** Kerry Meyers (University of Notre Dame) and Benjamin Mertz (University of Notre Dame).

Best Presentation Award for the 2010 conference:

Successful Students: Smart or Tough? Beverly Jaeger, Susan Freeman, Richard Whalen, and Rebecca Payne, Northeastern University,

Service Award

Kris Craven, Past Chair FPD (in absentia) for years of service to the First-year Programs Division.

Respectfully submitted by S. Scott Moor.