



# *GSD Newsletter*

**ASEE – Graduate Studies Division**

**MAY 2013 ISSUE**

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## **I. MESSAGE FROM THE CHAIR**

Dear members of GSD,

This is my last message to all of you as the Chair of GSD. After serving the Graduate Studies Division for six years, including the last two years as its Chair, my term of service is coming to an end. It has been indeed a great honor to serve this Division for the past six years. As I have shared with you before, I was fortunate to be recruited by our beloved visionary friend Don Keating who had a passion for innovation in graduate education. I am delighted that as I am leaving GSD, thanks to your support, we succeeded in establishing the Don Keating Award that will be an everlasting and well-deserved recognition of Don's contributions, passion and dedication to our division and to ASEE. I will also cherish many fond memories from my pleasant experience of working with a dedicated group of colleagues, including Hamid Johari, the incoming Chair, Joy Colwell, the incoming Program Chair, and Diane Peters and Roger Olson, the GSD Directors, and Carl Purdy, the former GSD Chair, and my special friend Duane Dunlap who has provided invaluable help and support for our Division for so many years. My heartfelt thanks go to all of them for their untiring efforts that have been instrumental in the success of our division.



I am also delighted to report to you that the recipient of this year's Don Keating Award is Dr. Stephen Tricamo, Professor of Mechanical Engineering at New Jersey Institute of Technology. I cannot think of a colleague more deserving this recognition. Steve has been a dedicated member of GSD and ASEE and he played an instrumental role, in close partnership with Don Keating, in establishing the National Collaborative for Engineering

Graduate Education Reform. I have had the pleasure of working closely with Steve on the National Collaborative Task Force, and I am aware how diligently he worked with Don Keating during the formative years of the National Collaborative and what a major role he played in the success of that initiative. On behalf of the Graduate Studies Division Executive Committee, I want to express our sincere congratulations to Dr. Tricamo for this well-deserved recognition. We will present the Don Keating Award to Dr. Tricamo at the business dinner meeting on June 24.

Congratulations are also in order to the recipients of this year's Best Paper Awards. The authors and paper titles are in section V. below. The Executive Committee had a difficult time selecting only one paper to receive each award, because there were several excellent papers to choose from this year.

Both the Don Keating Award and the Best Paper awards will be presented at the Business/Dinner meeting of the Graduate Studies Division which will be held in Room C207, a dining facility in the C wing of the Convention Center. The meeting will begin at 6:30 pm. I hope you can join us.

I would also like to inform you that the recent election for the new officers has been completed. Dr. Hamid Johari will be the new Chair of GSD, Dr. Joy Colwell will be the new Program Chair, and Dr. Nick Safai will be the new Treasurer/Secretary, all beginning a two-year term starting June 24, 2013. Dr. Jay Tu will be the new Director, serving a two year term and replacing Roger Olson, who has served the GSD in that position and other capacities with a great deal of passion and devotion. We will miss Roger and his dedicated service to the Executive Committee and the Division. Dr. Diane Peters will continue her second year of service as a Director. Please join me in extending our congratulations to all of these colleagues and also in thanking Roger for his dedicated service. Let us also welcome both Dr. Safai and Dr. Tu aboard as the new members of the Executive Committee.

I look forward to meeting many of you at the Annual Conference in Atlanta, Georgia, and as I invited you earlier, I hope you will attend the GSD Business Meeting and Dinner, on June 24.

Best wishes to all of you,



GSD Chair

California Polytechnic State University, San Luis Obispo

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## II. 2013 ASEE CONFERENCE –CONFERENCE PREVIEW AND GSD SESSIONS

### CONFERENCE PREVIEW

The Graduate Studies Division has organized a wonderful program for the Annual Meeting, June 23-26 in Atlanta. This year we have sponsored a total of eight sessions including a special session on the future of graduate education, an industry perspective. We are extremely grateful to all the authors who have contributed papers to our sessions, to the many division members who reviewed abstracts and draft papers, and to those who volunteered to help moderate these sessions.

Come by our table at the Division Mixer on Sunday afternoon to say hello.

#### M443·Future of Graduate Education: An Industry Perspective

Panel session, Mon. June 24, 2013 12:30 PM to 2:00 PM

Georgia World Congress Center, A316

Session Description: Ms. Lueny Morell, our distinguished speaker, will present her views on the future of graduate education. The presentation will be followed with a discussion on the role of industry.

#### M543·Methods, Techniques, and New Programs in Graduate Education

Technical, Mon. June 24, 2013 2:15 PM to 3:45 PM

Georgia World Congress Center, A411

Session Description: This session focuses on innovative methods and approaches for improving graduate education, as well as new graduate programs addressing the needs of industry and research communities.

#### M643·Research and Graduate Studies

Technical, Mon. June 24, 2013 4:30 PM to 6:00 PM

Georgia World Congress Center, A305

Session Description: This session explores the issues revolving around graduate research projects and groups.

#### **M743·Graduate Studies Business Meeting**

Business, Mon. June 24, 2013 6:30 PM to 9:00 PM

Room C207 in C wing of the Convention Center.

Session Description: Meeting to discuss Graduate Studies division business affairs, including reports from the Treasurer and Program Chair. Members and potential members of the GSD are invited to attend. Dinner will be part of the meeting. If

interested in attending, please contact GSD treasurer Prof. Joy Colwell at [colwell@purduecal.edu](mailto:colwell@purduecal.edu) Credit cards cannot be accepted at this dinner, but we can accept cash or checks. The cost of the dinner buffet is \$42.00. The dinner includes soup, salad, and several entrée options in an Italian theme; vegetarian options are available. Dessert is included.

T243·Training and Mentoring of Graduate Teaching Assistants

Technical, Tue. June 25, 2013 8:45 AM to 10:15 AM

Georgia World Congress Center, A313

Session Description: The focus of this session is on various training methods and other issues relevant to graduate teaching assistants.

T543·Graduate Student Experience

Technical, Tue. June 25, 2013 2:15 PM to 3:45 PM

Georgia World Congress Center, A313

Session Description: This session focuses on the graduate students' experiences.

T643·General Topics in Graduate Education

Technical, Tue. June 25, 2013 4:00 PM to 5:30 PM

Georgia World Congress Center, A402

Session Description: The papers in this session cover a wide range of topics in graduate education.

W335·DISTINGUISHED LECTURE: Open Access and Open Educational Resources: The Internet's Growing Role in Scientific Communication and Education

Distinguished Lecture, Wed. June 26, 2013 10:30 AM to 12:00 PM

Georgia World Congress Center, A305

Session Description: Engineers have been at the forefront of two movements for change inspired by the Internet's growth: the movements for Open Access and the Open Educational Resources. They were launched by advocates who realized that the open web is the best platform for sharing the results of scientific and scholarly research and the resources used for learning in both formal and informal settings. MIT, Rice University, Carnegie Mellon University and others have played leading roles in promoting use of the open Internet.

### III. DONALD KEATING AWARD WINNER

The ASEE Graduate Studies Division has established the [Keating Award for Innovation and Leadership in Lifelong Learning in Graduate Engineering Education](#). This award is established in memory of Donald A. Keating, who, during his association with the ASEE Graduate Studies Division, epitomized the best in innovative graduate engineering education and scholarship. The award recognizes an extraordinary level of support for professional graduate education. This year's winner is Dr. Stephen Tricamo, Professor of Mechanical Engineering at New Jersey Institute of Technology. We will be pleased to honor him at the business meeting on June 24. Please join us in congratulating Dr. Tricamo.

### IV. ELECTION RESULTS

As noted in the Chair's message, please welcome the new Executive Committee members for the Division.

Hamid Johari, Division Chair [hamid.johari@csun.edu](mailto:hamid.johari@csun.edu)  
Joy L. Colwell, Program Chair [colwell@purduecal.edu](mailto:colwell@purduecal.edu)  
Nick Safai, Secretary Treasurer [nick.safai@slcc.edu](mailto:nick.safai@slcc.edu)  
Diane Peters, Director [diane.peters@sbcglobal.net](mailto:diane.peters@sbcglobal.net)  
Jay Tu, Director [jftu@ncsu.edu](mailto:jftu@ncsu.edu)  
Mohammad Noori, Past Chair [mohammad.noori@gmail.com](mailto:mohammad.noori@gmail.com)

### VI. BEST PAPER WINNERS

Chosen by Executive Committee as the Best Paper from the division, and nominated for the best papers:

Best Paper: **Feeling Like a Grad Student: A Survey of Undergraduate Researchers' Expectations and Experiences** by Kathleen Colbry, Korine Steinke Wawrzynski, and Megan Shannahan, Michigan State University.

Best Student Paper: **Am I a Boss or a Coach? Graduate Students Mentoring Undergraduates in Research** by Janet Y Tsai, Daria A Kotys-Schwartz, Beverly Louie, Virginia Lea Ferguson, and Alyssa Nicole Berg, University of Colorado, Boulder.

The GSD awards for these papers will be presented at the Graduate Studies Division Business Meeting on Monday, June 24, 2013 at 6:30 PM. Please join us in congratulating these winners.

**Join us for the 120<sup>th</sup> Annual  
Conference & Exposition!**

**Engineering Education: Frankly, We Do Give a D\*mn**

Atlanta, Georgia June 23-26, 2013

**Please join our group on LinkedIn:**

Look for “ASEE Graduate Studies Division” group and request to join, or email [diane.peters@sbcglobal.net](mailto:diane.peters@sbcglobal.net) and let her know what email address you would like to use to join the group.