ENGINEERING SOCIETIES AND FACILITATING MEASURES OF FACULTY IMPACT

February 12, 2018
Georgia Institute of Technology
Academy of Medicine Building, Magnolia Room
875 West Peachtree Street NW
Atlanta, GA

WORKSHOP AGENDA

Purpose: To explore the role engineering societies can play in broadening the understanding of the impact faculty have on the engineering profession as part of the reappointment, promotion, and tenure (RPT) process.

08:30 AM – 09:00 AM
Registration (Continental Breakfast available)

09:00 AM – 9:15 AM (15 min.)
Welcome and Introductions
   Don Giddens, Dean Emeritus, College of Engineering, Georgia Institute of Technology and member of the workshop steering committee
   Ken Jarboe, National Academy of Engineering

09:15 AM – 10:30 AM (75 min.)
Session #1a – Context: Recent trends in engineering education. How engineering education is evolving. How roles of faculty are evolving. Overview of how faculty impact is often evaluated. How the evolution in engineering education has/could affect the expectations for the RPT process.
   Ken Jarboe, National Academy of Engineering (moderator)
   Don Giddens, Dean Emeritus, College of Engineering, Georgia Institute of Technology
   Monica Cox, Chair, Department of Engineering Education, Ohio State University

Session #1b – Think-pair-share response from participants: How has your field/activities changed as engineering education has changed? Given the changes in engineering education, what connections are important between industry, faculty, and engineering societies?
10:30 AM – 10:45 AM
Break

10:45 AM – 12:00 Noon (75 min.)
Session #2 – Models of impact from other disciplines and nations
   Steven Brown, Professor Emeritus, Loyola University (moderator)
   William Eley, Executive Associate Dean, School of Medicine, Emory University
   Alan Balfour, Former Dean, College of Design, Georgia Institute of Technology
   David Santacroce, Associate Dean for Experiential Education, University of Michigan
   Law School
   Ross Ethier, College of Engineering, Georgia Institute of Technology

12:00 Noon – 12:30 PM (30 min.)
Lunch

12:30 PM – 2:00 PM (90 min.)
Session #3a – Models of “impact” from engineering/technical schools
   William Wepfer, School Chair, School of Mechanical Engineering, Georgia Institute of Technology (moderator)
   Harriet Nembhard, Head, School of Mechanical, Industrial and Manufacturing Engineering Oregon State University
   Vincent Manno, Provost and Dean of Faculty, Olin College of Engineering
   John M. Sullivan, Jr., Assoc. Head and Professor Mechanical Engineering, Worcester Polytechnic Institute

Session #3b – Response from industry: How would industry like to see faculty impact assessed/evaluated?

2:00 PM – 2:15 PM
Break

2:15 PM – 3:30 PM (75 min.)
Session #4 – Opportunities for societies to help define “impact”
Examples from societies’ achievement awards
Opportunities for new measures of impact
General discussion
   Harriet Nembhard, Head, School of Mechanical, Industrial and Manufacturing Engineering Oregon State University (moderator)

3:30 PM
Adjourn