

The ASEE Chemical Engineering Division Newsletter

Volume 5, Issue 1

Spring 2003

A Message from the Chair



Dr. C. Stewart Slater, Rowan University

Fellow Chemical Engineering Educators,

I hope the Spring semester is going smoothly for you and that your classes and related activities are progressing nicely. This has been an excellent year for the Division and I would like to commend our officers for the great job they have done.

I will keep my comments brief, but I would like to bring to your attention two major items of importance in this Newsletter, the Election Ballot and Annual Conference Program. First, though I would like to bring you the results of the Division dues referendum. This was passed by written and electronic ballot and our request for the \$3.00/year division dues will be forwarded to ASEE headquarters. As I stated in the Fall Newsletter, this support will help take forward in an undisturbed manner initiatives for which there may not be continuously yearly external support.

I also would like to draw your attention to our Division program for the upcoming Annual Conference in Nashville, Tennessee that runs from June 22 – 25 (see the following pages). You can see all the details on the conference by going to the ASEE web site - <http://www.asee.org/conferences/annual2003/> which describes everything from housing to sessions. Becky Toghiani, our Program

Chair, along with the assistance of the session chairs has crafted an excellent program. I encourage you to attend the meeting and the Chemical Engineering Division sessions. I would also strongly encourage you to attend our Chemical Engineering Division Banquet and Business Meeting. Each of these is a ticketed meal event, so you need to indicate the particular session number when you register for the conference. The Division Banquet is a great opportunity to socialize with fellow chemical engineering educators, recognize the winners of this year's awards, hear an interesting talk and have a great meal. Those interested in getting more involved in the Division and help plan for future events, such as upcoming conferences, I would encourage you to attend the Division General Business Meeting.

This Newsletter also contains the ballot for new officers. I would ask that you read each of the biographic sketches of the nominees and return your ballot per the instructions. Please do this as soon as possible since we plan on announcing the results at the Business Meeting in Nashville. If you are interested in running for office next year, please let our Chair-Elect, David DiBiasio know. Finally, if anyone has any things that they would like the Executive Committee to review this year, please feel free to e-mail or call me. I look forward to seeing many of you in Nashville this June.

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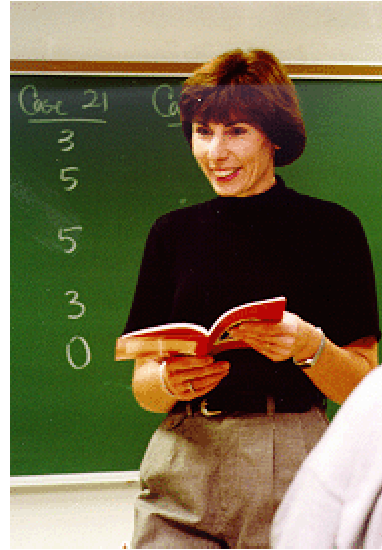
*The ASEE Chemical
Engineering Division
Election 2003*

Division Chair



**Nada Assaf-Anid
Manhattan College**

Nada Assaf-Anid earned her chemical engineering degree from the Royal Institute of Technology in Stockholm, Sweden where she specialized in Biochemical Engineering. While in Ann Arbor Michigan, she earned a doctorate in Environmental engineering. While at Manhattan College, she has taught courses in field laboratory analysis, unit operations in water and wastewater treatment, statistics for engineering, environmental microbiology and is currently teaching the unit operation lab. She is an active member of the Fieldston School Parent and Teacher Association. Her hobbies are linguistics, etymology and writing poetry.



**Daina Briedis
Michigan State University**

Daina Briedis is an Associate Professor in the Department of Chemical Engineering and Materials Science at Michigan State University. Dr. Briedis has conducted research in biological precipitation phenomena and in bioadhesion. She is currently studying development of effective learning tools for the multidisciplinary classroom and coordinates the program improvement processes in her department. She is the recipient of several teaching awards both on the Michigan State campus and at the state level. Professor Briedis is active in accreditation at the national and international level; she serves as a member the Education and Accreditation Committee of AIChE, the Engineering Accreditation Commission (EAC) of ABET, and the Executive Committee of the EAC.

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Director



Richard Davis
University of Minnesota - Duluth

Richard Davis is an associate professor in the Department of Chemical Engineering at the University of Minnesota Duluth where he teaches a variety of courses, including transport phenomena, separations, and biochemical engineering. Richard received his BS degree from Brigham Young University and PhD degree from the University of California Santa Barbara, both in chemical engineering. He just graduated of the 2002 Chemical Engineering Summer School! His current research interests are in the areas of engineering education and process modeling, simulation, and optimization. Richard regularly presents his teaching experiences and is a frequent contributor to the Journal of Chemical Engineering Education. He is also interested in fostering research opportunities for undergraduate students, having

supervised over 24 such students during the past decade. Richard has served his profession as a co-program chair for the ASEE North-Midwest section meeting, as the domestic program chair for the national meeting of AIChE, session chair for the national meeting of ASEE, and judge for the AIChE national student paper competition. Richard is currently serving as the executive secretary for the national chemical engineering honor society, Omega Chi Epsilon. He also serves as a faculty advisor to Omega Chi Epsilon and Tau Beta Pi at UMD.



David Silverstein
University of Kentucky

David Silverstein is currently an Assistant Professor of Chemical Engineering at the University of Kentucky. He is assigned to an extended campus in Paducah, Kentucky, with an increased focus on innovation in instruction. His special interests include learning-style centric educational software

development, pedagogy-driven design of distance learning classrooms, and cooperative experiences in process control between engineering and technology students. Additional activities include promotion of chemical engineering in area schools and planning of Engineering Day activities for the Paducah extended campus. He holds a Ph.D. and M.S. in Chemical Engineering from Vanderbilt University, and a B.S.Ch.E. from the University of Alabama.

Treasurer



Jim Newell
Rowan University

Jim Newell has spent the past two years as Secretary/Treasurer of the Chemical Engineering Division. He was a 1997 Dow Outstanding New Faculty Award winner for the North Midwest ASEE Section and received the 2001 Raymond Fahien Award from the Chemical Engineering Division of ASEE. His technical research area is high performance

polymer processing and his pedagogical research areas include assessment, incorporating communication skills into the curriculum and helping students develop an awareness of barriers to their learning.

Other Division Appointments:

Chuck Coronella of the University of Nevada-Reno has agreed to serve as the Program Chair for the 2004 meeting in Salt Lake City.

Be Sure to check out the New Division Web Site:

<http://www.asee-ched.org>

ASEE NATIONAL MEETING: CHEMICAL ENGINEERING DIVISION SCHEDULE

Sunday, June 22nd

12:30 Session 0413 -Teaching Teaming, Writing and Speaking
- Room 103 (\$40 workshop)

6:00 PM - Society Wide Picnic at The Wildhorse Saloon
(\$35 for attendees and registered guests)

Monday, June 23rd

7:00 AM Session 1113 - Executive Committee Breakfast at the Wyndham Hotel – *Renaissance Nashville Hotel, Boardroom I*

10:30 AM Session 1313 – Novel Courses for ChEs – *Rooms 110 and 111*

12:30 PM Session 1413 – Design in the ChE Curriculum – *Rooms 110 and 111*

4:30 PM Session 1613 – ChE Lectureship Award Presentation – *Rooms 110 and 111*

6:30 PM Session 1713 - Chemical Engineering Division Dinner at *The Stockyards*.

Tuesday, June 24th

8:30 AM Session 2213 – Recruitment and Outreach in ChE – *Room 103*

10:30 AM Session 2313 – Innovations in the ChE Laboratory – *Room 103*

12:30 PM Session 2413 - Chemical Engineering Division Business Lunch– *Davidson A*

4:30 PM Session 2613 – The Biology Interface. *Room 108*.

Wednesday, June 25th

7:00 AM Session 3113 – ChE Department Heads' Forum at the *Renaissance Nashville Hotel*

8:30 AM Session 3213 – Learning Enhancements for ChE Courses - *Room 104*

12:30 PM Session 3413 – Advisory Boards and Program Assessment - *Room 104*

2:30 PM Session 3513 – Statistics in the ChE Curriculum - *Room 104*

4:30 PM Session 3613 – Teamwork and Assessment in the Classroom. – *Room 104*

Schulz and LeBlanc to Lead Next Summer School

Kirk Schulz of Mississippi State University and Steve LeBlanc of The University of Toledo have been named co-directors of the 2007 Summer School. Comments, concerns, thoughts and suggestions should be sent directly to them.

Dues Referendum Passes

The referendum in the Fall 2002 newsletter regarding implementing \$3 annual division dues passed by a vote of 37-9. The results will be passed on to the PIC chairman for presentation to the Board.