

The ASEE Chemical Engineering Division

Volume 6, Issue 1gmi

Spring 2004

A Message from the Chair



Dr. David Dibiasio
Worcester Polytechnic Institute

Colleagues:

It's been a pleasure and an honor to serve the division as chair. I want to particularly thank all the other officers whose hard work and commitment makes this job easy compared to theirs.

We're gearing up for an exciting meeting in Salt Lake City (June 19-24). Check out the conference details at

<http://www.asee.org/conferences/annual2004/default.cfm>.

Chuck Coronella did an outstanding job as Program Chair and has assembled some great sessions and lots of interesting papers. The details of the ChE Division program are presented in this newsletter.

I'd like to point out some highlights for the SLC meeting. There will be two workshops on Sunday, June 20. These cover motivating and rewarding faculty and the future of chemical engineering education. As I mentioned in the fall newsletter, both these topics are critical to our professional growth.

We have sessions co-sponsored with the Liberal Education Division, the International Division, the Women in Engineering Division, and the Minorities in Engineering Division. This year's meeting features the Dow Lectureship (John Brady, Cal Tech) and a distinguished lecture co-sponsored with the Computers in Education Division (Tom Edgar, UT Austin). The Division Banquet is Monday night and we thought we'd try something different this year. It will feature more opportunities to socialize, the annual division awards, and jazz music from University of Utah students.

Anyone is welcome and encouraged to get involved in the Division's business. Please let any officer know if you are interested and attend the Division Business Meeting on Tuesday, June 22. Our Chair-Elect for 2004-05 is Daina Briedis from Michigan State. I will turn over the gavel to her, actually it's a giant gold wrench, at that business meeting.

This issue of the newsletter contains the ballot for new officers. Please follow the instructions and place your vote electronically. The deadline for voting is two weeks before the conference.

Finally, I would like recognize the work of Joe Shaeiwitz from West Virginia University. Joe has been the Awards Chair for the past five years and is "retiring" from that job. He has done an outstanding job juggling several review committees and securing ongoing funding for the awards. He has set very high standards for administrating all this, and the division thanks him for all his efforts.

**Be Sure to check out the
Division Web Site:**

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

The ASEE Chemical Engineering Division Election 2004

How To Vote:

Send e-mail to
Newell@Rowan.edu

Choose for Division Chair:
Richard Zollars or David Miller

Choose for Director:
Nada Assaf-Anid or write-in

Votes must be received By June 7th

Division Chair



David Miller
Rose Hulman Institute of
Technology

David C. Miller is currently an Assistant Professor of Chemical Engineering at Rose-Hulman Institute of Technology. Previously, he served as an assistant professor at Michigan Technological University. He has conducted research in the areas of batch process design, scale-up, optimization, and molecular design.

Professor Miller believes that the ChE Division of ASEE serves as a crucial forum for discussing emerging trends and new teaching methods, and for encouraging and

inspiring faculty to seek ways to improve student learning. As such, he believes the Division should play a central role in discussions regarding the future of the ChE curriculum.

After attending his first ASEE conference, Dr. Miller was inspired to become involved in the ChE Division and seek ways to improve ChE education. He has had the opportunity to present the results of some of these efforts in several papers at both ASEE and AIChE conferences. Recently, Professor Miller has been leading efforts in the department to reorganize the senior design sequence and to improve student learning in the ChE laboratory sequence.

Dr. Miller received a B.S. degree from Rose-Hulman Institute of Technology, an M.S. from University of Illinois, Urbana-Champaign, and a Ph.D. from The Ohio State University. Prior to obtaining his Ph.D., Dr. Miller worked as a product development engineer for Procter and Gamble.

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Richard Zollars
Washington State University

Richard Zollars is a Professor in the School of Chemical Engineering and Bioengineering at Washington State University. He came to Washington State University after working at both the Union Carbide Corporation and the University of Colorado.

His research interests are in colloidal phenomena and reaction kinetics and design. Currently he is involved in bringing

engineering concepts to K-12 classrooms. He has received the Chemical Engineering Department award for teaching excellence on numerous occasions and has served as the department chair for the past 11 years.

Professor Zollars is active in both the Student Chapters committee and the ChE Car Competition committee of the AIChE, is the chapter advisor for both AIChE and Tau Beta Pi and is the ASEE campus representative for Washington State.

Director



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 micro-biology 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.

ASEE National Meeting ChE DIVISION SCHEDULE

Sunday, June 20th

12:30 Session 0413 –Motivating and Rewarding Faculty - Room 251 B (\$25 workshop)

12:30 Session 0613 –Frontiers in ChE Education - Room 251 B (\$25 workshop)

Monday, June 21st

7:00 AM Session 1113 - Executive Committee Breakfast – Room 150F

10:30 AM Session 1313 – Novel Courses for ChEs – Room 250 B

12:30 PM Session 1413 – Design throughout the Curriculum – Room 250 B

4:30 PM Session 1613 – ChE Lectureship Award Presentation – Room 250 E

6:30 PM Session 1713 - Chemical Engineering Division Dinner at The Baci Trattoria

Tuesday, June 24th

8:30 AM Session 2213 – ChE Outreach and Recruitment – Room 250 B

10:30 AM Session 2313 – Innovations in the ChE Laboratory – Room 250 E

12:30 PM Session 2413 - Chemical Engineering Division Business Lunch– Salon G

Wednesday, June 25th

7:00 AM Session 3113 Room 150 C

8:30 AM Session 3213 – Innovative Classroom Techniques - Room 250 B

12:30 PM Session 3413 – Molecular and Multiscale Phenomena - Room 250 A

2:30 PM Session 3513 – Teamwork and Assessment - Room 250 A

4:30 PM Session 3613 – Life Sciences and ChE. – Room 250 A