

**185<sup>th</sup> 2YC<sub>3</sub> Conference (Midwestern)**  
and  
**MnSCU CTL Discipline Workshop**  
**“Resuscitating Our Chemistry Courses”**  
Rochester Community and Technical College  
851 30<sup>th</sup> Ave SE  
Rochester, MN  
September 25-26, 2009

**Program Chair:** Jason Jadin      [jason.jadin@roch.edu](mailto:jason.jadin@roch.edu)      507-285-7299  
**Local Arrangements:** Heather Sklenicka      [heather.sklenicka@roch.edu](mailto:heather.sklenicka@roch.edu)      507-285-7502  
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*Please click on the title of the presentation to view the abstract.*

**Friday, September 25**

- 8:00 – 5:00    **Exhibits**  
CF 206/208
- 8:00 – 9:00    **Registration, Refreshments, and Exhibits**  
Atrium (registration)  
CF 206/208 (Refreshments and Exhibits)
- 9:00 – 9:15    **Welcome and Opening Remarks**  
*Don Supalla, President, Rochester Community and Technical College*  
MH 223
- 9:15 – 10:15    **Keynote Address**  
[Chemistry or Magic? There's a Big Difference!](#)  
*Marv Lang, University of Wisconsin-Stevens Point, Stevens Point, WI*  
*Don Showalter, University of Wisconsin-Stevens Point, Stevens Point, WI*  
MH 223
- 10:15 – 10:45    **Refreshment Break and Exhibits**  
CF 206/208
- 10:45 – 11:15    **2YC<sub>3</sub> General Membership Meeting**  
SH 210

11:20 – 12:00 **Presentation Session 1**

- A. [Underprepared is Underserved: A Freshman Math and Science Cohort Class](#)  
*John Deming, Winona State University, Winona, MN*  
*Nathan Moore, Winona State University, Winona, MN*  
SH 110
- B. [Master Plan for Curriculum Changes in Intro Chemistry and Organic Chemistry in a Community College](#)  
*Bal Barot, Lake Michigan College, Benton Harbor, MI*  
SH 210

12:00 – 1:00 **Lunch Break and Exhibits**

CF 206/208

1:00 – 1:40 **Presentation Session 2**

- A. [An Introductory Online Chemistry Course: From Conception to Implementation](#)  
*Lance Lund, Anoka-Ramsey Community College, Coon Rapids, MN*  
SH 110
- B. [Exploring the Integrated Approach to Teaching GOB](#)  
*Colleen Kelley, PIMA Community College, Tucson, AZ*  
CF 202

1:50 – 2:30 **Presentation Session 3**

- A. [Chemistry On-line?!](#)  
*Leah Schaith, Southeast Minnesota Technical College, Red Wing, MN*  
SH 110
- B. [Assessment That Works!](#)  
*Teresa Brown and Heather Sklenicka, Rochester Community and Technical College, Rochester, MN*  
CF 202

2:40 – 3:20 **Presentation Session 4**

- A. [Introducing Your Students to Computational Chemistry: A Hands-on Teaching Module](#)  
*Amy Jo Sanders, Stark State College, Canton, OH*  
SH 110
- B. [Undergraduate Research in 2-year Colleges and Integration of Chemistry in Bioscience Initiatives](#)  
*Rehka Ganaganur, Minneapolis Community and Technical College, Minneapolis, MN*  
CF 202

- 3:30 – 4:00 **Refreshment Break and Exhibits**  
CF 206/208
- 3:30 – 5:30 **Tour of the Mayo Clinic-Rochester Campus**
- 4:00 – 4:40 **Presentation Session 5**
- A. [Using MicroLab for Inquiry and Real-Time Learning in General and Organic Chemistry - FASTspec and Equilibrium, Vapor Pressure and Temperature, Titration Curves and  \$K\_a\$ , Measuring Avogadro's Number, and Gas Chromatography](#)  
*Mike Collins, Viterbo University, LaCrosse, WI*  
SH 110
- B. [The Use of American Chemical Society Examinations as Assessment Tools](#)  
*Steven Socol, McHenry County College, Crystal Lake, IL*  
SH 210
- 4:50 – 5:30 **Presentation Session 6**
- A. [Resources for Teachers and Students: The Chemical Education Digital Library](#)  
*John Moore, University of Wisconsin-Madison, Madison, WI*  
SH 110
- B. [Real-World Experiments with MeasureNet LIMS, EDU-CHEM & FUN-SCIENCE!](#)  
*Jerry DeManna, FUN-SCIENCE Academics Group, Bronx, NY*  
SH 210
- 5:45 – 6:30 **Social Mixer at the Double Tree Plaza Hotel**  
Galleria III-IV Ballroom
- 6:30 – 8:30 **Dinner Banquet and Address**  
[Implementing an Online CLS Curriculum Utilizing the Reverse Lecture-Homework Paradigm](#)  
*Susan M. Lehman, MA, MT (ASCP) SM*  
*Program Director, Clinical Laboratory Science Program*  
*Mayo School of Health Sciences*  
*Mayo Clinic, Rochester, MN*  
Galleria III-IV Ballroom
- Saturday, September 26**
- 8:30 – 4:00 **Exhibits**  
CF 206/208
- 8:30 – 9:00 **Registration, Refreshments, and Exhibits**  
Atrium (registration) and CF 206/208 (Refreshments and Exhibits)

- 9:00 – 10:00 **Opening Speaker**  
[NatureWorks Ingeo™ Polylactide: A Sustainable Biopolymer for the 21st Century](#)  
*Richard Bopp, NatureWorks LLC, Minnetonka, MN*  
MH 223
- 10:00 – 10:30 **Refreshment Break and Exhibits**  
CF 206/208
- 10:00 – 12:00 **Workshop 1**  
[Power of One Assessment](#)  
*Teresa Brown, Rochester Community and Technical College, Rochester, MN*  
CF 202
- 10:30 – 12:00 **Workshop 2**  
[Authoring Chemistry Problems in Desire 2 Learn](#)  
*Andy Aspaas, Anoka-Ramsey Community College, Cambridge, MN*  
*Lance Lund, Anoka-Ramsey Community College, Coon Rapids, MN*  
PC Computer Lab
- 10:30 – 11:10 **Presentation Session 7**
- A. [Including Green Chemistry in the Liberal Arts Course](#)  
*John W. Hill, University of Wisconsin-River Falls, River Falls, WI*  
*Terry W. McCreary, Murray State University, Murray, KY*  
SH 110
- B. [An Introduction to POGIL for the Community College Classroom](#)  
*Thomas Higgins, Harold Washington College*  
*Jeffrey R. Pribyl, Minnesota State University, Mankato*  
*Jamie Schneider, University of Wisconsin - River Falls*  
SH 210
- 11:20 – 12:00 **Presentation Session 8**
- A. [Chem Ed: Increase Conceptual Understanding in Chemistry and AP Chemistry —Activate Inquiry and Inspire Discovery!](#)  
*Jennifer Griffin, PASCO Scientific*  
SH 110
- B. [Enhancing Learning during a Chemistry Exam, Is That Really Possible Using Immediate Feedback Assessment Technique Forms](#)  
*Jamie Schneider, University of Wisconsin-River Falls, River Falls, WI*  
SH 210
- 12:00 – 1:00 **Lunch Break and Exhibits**  
CF 206/208

- 1:00 – 1:40 **Presentation Session 9**
- A. [Mini-Undergraduate Research Projects at ARCC](#)  
*Kelly Befus, Anoka Ramsey Community College, Coon Rapids, MN*  
*Vicki MacMurdo, Anoka Ramsey Community College, Coon Rapids, MN*  
SH 110
- B. [Using Technology with Guided Inquiry to Improve Student Learning and Increase Efficiency](#)  
*Mary Hadley, Minnesota State University-Mankato, Mankato, MN*  
*Jeff Pribyl, Minnesota State University-Mankato, Mankato, MN*  
SH 210
- 1:50 – 2:30 **Presentation Session 10**
- A. [FT-NMR Across the Undergraduate Chemistry Curriculum](#)  
*Julie Ellefson-Kuehn, Harper College, Palatine, IL*  
*Daniel Stanford, Harper College, Palatine, IL*  
SH 110
- B. [Student-Centered Learning in Organic Chemistry Courses](#)  
*Sara Hein, Winona State University, Winona, MN*  
CF 202
- 2:40–3:20 **Presentation Session 11**
- A. [Student Reflections on Undergraduate Research at RCTC](#)  
*Caleb Scott, Christopher Kennedy, Patrick Berg, Rochester, MN*  
SH 110
- B. [Introducing and Implementing the new ACS Guidelines for Chemistry in Two-Year College Programs](#)  
*Dolores Aquino, San Jacinto College-Central Campus, Pasadena, TX*  
*Thomas Higgins, Harold Washington College, Chicago, IL*  
SH 210
- 3:20–3:45 **Refreshment Break and Exhibits**  
CF 206/208
- 3:45 – 5:00 **Grand Finale**  
Boiling Cold, Freezing Hot  
*Marv Lang, University of Wisconsin-Stevens Point, Stevens Point, WI*  
*Don Showalter, University of Wisconsin-Stevens Point, Stevens Point, WI*  
MH 223