



**63RD ANNUAL MEETING OF
THE MIDWEST ASSOCIATION
OF CHEMISTRY TEACHERS IN
LIBERAL ARTS COLLEGES
(MACTLAC)**

**GREEN CHEMISTRY'S SILVER ANNIVERSARY:
A LOOK AHEAD**

OCTOBER 16 – 17, 2015

MEETING SPONSORS



MEETING SCHEDULE

FRIDAY, OCTOBER 16

10:00 AM – 5:00 PM	Registration: Richards Treat University Center (RTUC)
10:00 AM – 12:30 PM	Executive Council Meeting: Lindsay-Schaub Room (RTUC 203)
1:00 – 2:10 PM	General Session I: RTUC East Room Welcome: Dr. Patrick White, President, Millikin University Keynote: I'm Finally Beginning to Understand Why I Didn't Understand... Dr. George Bodner, Arthur E. Kelly Distinguished Professor, Chemistry Education, Purdue University
2:10 – 2:40 PM	Refreshments & Vendor Fair: RTUC Fireplace/Mertz Room <i>Sponsored by the Decatur-Springfield Section of the American Chemical Society and the Millikin University Institute for Scientific Entrepreneurship (MIUSE)</i> 2:10 – 2:40 pm Presentation – MIUSE RTUC East Room
2:45 – 3:30 PM	Breakout Session I: Teaching Innovation Meet the Speaker – George Bodner RTUC Wood Room Using Technology in the Classroom RTUC Lindsay-Schaub Laboratory Innovation in Green Organic Chem. LTSC 418 Ask Dr. Safety (Midwest Chemical Safety) RTUC East Room Future Directions in Undergraduate Research RTUC Parquet Room Undergraduate Session – Preparing for LTSC 115 Graduate and Professional Studies – A Panel Discussion
3:30 – 4:00 PM	Refreshments & Vendor Fair: RTUC Fireplace/Mertz Room <i>Sponsored by Midwest Chemical Safety</i> 3:35 – 3:45 pm Demonstration 3:45 – 3:55 pm Demonstration
4:00 – 5:00 PM	Breakout Session II: Best Practices in Teaching (By Area) Analytical Chemistry RTUC Wood Room Biochemistry RTUC Lindsay-Schaub General Chemistry RTUC East Room General, Organic, Biochemistry RTUC Parquet Room Inorganic Chemistry LTSC 115 Organic Chemistry LTSC 208 Physical Chemistry LTSC 422 Undergraduate Session: Professional Networking LTSC 302

5:00 – 6:15 PM Undergraduate Poster Session and Social Hour
Sponsored by Pine Research Instrumentation and Sapling Learning

5:00 – 6:10 pm Undergraduate Poster Session RTUC Parquet Room
5:10 – 5:30 pm Demonstration – Pine Research RTUC Fireplace/Mertz
5:30 – 5:50 pm Demonstration – Sapling RTUC Fireplace/Mertz

6:15 – 7:15 PM Banquet: RTUC Wornick Dining Room

7:15 – 8:30 PM General Session II: Wornick Dining Room

Keynote: Innovating Towards Sustainability in the Global
Chemistry Enterprise

**Dr. David J. C. Constable, Director of the American
Chemical Society Green Chemistry Institute**

SATURDAY, OCTOBER 17

7:45 – 8:30 AM Breakfast: RTUC Fireplace Room

8:30 – 9:30 AM MACTLAC General Business Meeting: RTUC East Room

9:30 – 10:30 AM General Session III: RTUC East Room

Keynote: *Chemistry of Renewable Feed Stocks at ADM*

**Dr. Stephen J. Howard, Scientist, Archer Daniels Midland
Company**

10:30 – 10:50 AM Refreshments & Vendor Fair: RTUC Fireplace/Mertz Room
Sponsored by Archer Daniels Midland Company

11:00 AM – 12:00 PM Breakout Session III: Assessment, Recruitment, and
Retention

Meet the Speaker – Stephen Howard	RTUC Lindsay-Schaub
Transitioning from Graduate Student to PUI	RTUC Wood Room
Professor – A Session for Future Faculty	
Assessment of Student Learning in Chemistry	RTUC Parquet Room
Recruitment and Retention of Majors	RTUC East Room

Undergraduate Session: Resume/CV Building LTSC 115

12:00 – 1:30 PM Executive Council Meeting: RTUC Lindsay-Schaub Room