

MACTLAC 2017

Monmouth College, Center for Science and Business

Oct 13-14, 2017

Friday, Oct 13th

9:30 am - 5:00 pm: Registration at main entrance to the Center for Science and Business (CSB).

10:00 am - 12:30 pm: Executive Council Meeting - CSB 276 (Moot Board Room).

- Lunch provided for attendees.

1:00 pm – 2:10 pm: General Session - CSB 196 (Mellinger Commons)

- Welcome (Brad Sturgeon and Dean David Timmerman - Monmouth College)

- Plenary Lecture: **Debra Shore**, Board of Commissioners, The Metropolitan Water Reclamation District of Greater Chicago.

“From Sewage Treatment Plant to Power Center: A Chicago Sustainability Story in Two Parts”

2:10 – 2:40 pm Refreshments & Vendor Fair, sponsored by **Pine Research**.

2:45 – 3:45 pm Breakout Session I (to be duplicated on Sat with exception of Debra Shore)

1: Meet Debra Shore - Mellinger Commons

2: Integrating Food Chemistry into Curriculum - CSB 278

(Leader: Sunil Malapati, Clarke University)

3: Coffee: A Science - Business Entrepreneurial Project - CSB 201

(Leader: Brad Sturgeon, Monmouth College)

4: Essential Oil Extraction Lab Activity - CSB 318

(Leader: Laura Parmentier, Beloit College)

5: 3D Printing/Fabrication Applications in Chemistry - CSB 323/373

(Leader: Lon Porter, Wabash College)

3:45 – 4:15 pm Refreshments & Vendor Fair, sponsored by **Parr Instrument Company**.

4:20 – 5:20 pm Breakout Session II: Curricular Innovations (by discipline)

1: Analytical Chemistry - CSB 203

(Leader: Kyle Knust - Millikin / Recorder: Audra Sostarecz – Monmouth College)

2: Biochemistry - CSB 287

(Leader: Kim Ha / Recorder: Laura Moore – Monmouth College)

3: General, Organic, Biochemistry (GOB) - CSB 246

(Leader: Judy Calhoun/ Recorder: Alexa Barres)

4: Inorganic Chemistry - CSB 303

(Leader: Paris Barnes - Millikin / Recorder: Andrew Axup - St. Ambrose University)

5: Organic Chemistry - CSB 281

(Leader: Olga Michels / Recorder: Michael Prinsell - Monmouth College)

6: Physical Chemistry - CSB 277

(Leader: Craig Bieler - Albion College / Recorder: Jeffrey Cornelius)

5:20 – 6:30 pm Poster Session & Sponsor Demonstration (hors d'oeuvres), sponsored by **Pine Research, Parr Instrument Company, Teledyne Isco.**

- Pine Research Sponsor Demonstration/Presentation 2 (5:40 - 5:55)

6:30 - 8:30 pm Banquet (Stockdale Student Center) with entertainment by **Michael Offutt.**

9:00-10:00 pm (optional) - Observe the Night (Adolphson Observatory and Trubeck Telescope)

9:00-11:00 pm (optional) - Social Gathering - Danny's Tap and Grille - 120 S A St, Monmouth, IL.

Saturday, October 15

7:45 - 8:30 am Light Breakfast - CSB 196 (Mellinger Commons)

8:30 - 9:30 am MACTLAC General Business Meeting - CSB 196 (Mellinger Commons)

9:30 - 10:30 am The Launch of the MACTLAC Digital Archives – CSB 196

- (Brad Sturgeon - MACTLAC Archivist and Lynn Daw - Monmouth College Archivist)

10:30 am – 11:00 am Refreshments & Vendor Fair, sponsored by **Teledyne Isco**

11:00 am - 12:00 pm Breakout Session III (*repeat of session I*)

1: Meet with Lynn Daw, Monmouth College Archivist - CSB 196

2: Integrating Food Chemistry into Curriculum - CSB 278

3: Coffee: A Science - Business Entrepreneurial Project - CSB 201

4: Essential Oil Extraction Lab Activity - CSB 318

5: 3D Printing/Fabrication Applications in Chemistry - CSB 323/373

END of General Meeting

12:00 – 1:00 pm Executive Council Meeting (CSB 276). Lunch provided for attendees.