Concept-Driven Teaching Strategies in Biochemistry and Molecular Biology

**NSF-Funded North Central Regional Workshop Sponsor:** American Society for Biochemistry & Molecular Biology

**Date and Time:** Saturday, June 16th, 2012, 9:00 AM - 5:00 PM

**Location:** Science Learning and Research Center, University of Michigan Dearborn, Dearborn MI, Main Campus

**Map and Directions:** [http://www.umd.umich.edu/maps_directions](http://www.umd.umich.edu/maps_directions)

**Cost:** Free

**Online Registration:** [http://www.surveymonkey.com/s/J3W5QNG](http://www.surveymonkey.com/s/J3W5QNG)  Pre-registration is required.

**Host:** Marilee Benore, Professor and Associate Dean University of Michigan Dearborn, ASBMB UAN Chair

**Keynote Speakers:** Harold B White III, University of Delaware

  Professor and Co-director of UCSB-HHMI Undergraduate Science Education Program

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**Meeting Agenda**

9:00 – 9:30 am  Arrival and check-in  Continental breakfast provided

9:30 – 10:00 am  Introduction and overview of the ASBMB RCN-UBE grant and workshops: Marilee Benore

10:00 – 10:45 am  **Morning Keynote Address:** Hal White, University of Delaware

"Classic Research Articles as Classroom Texts for Problem-Based Learning in Undergraduate Biochemistry"

10:45 – 11:45 am  **First Group Activity** (8 groups with 4 participants each) (60 minutes)

“Transform working BMB core concepts or skill sets into complete sentences”

11:45 – 12:00 pm  **Group Reports** – Group leaders report back First Activity summaries for all participants.

12:00 – 1:15 pm  **Lunch provided**

1:15 – 1:45 pm  Choice:

- Tour of Science Learning Center (Peter Oelkers)
- OR Learning about the ASBMB Undergraduate Affiliate Network (Marilee Benore)

1:45 – 2:30 pm  **Second Group Activity** (45 minutes)

“Transform BMB core concepts or skill sets into specific student learning goals”

2:30 – 2:45 pm  **Group Reports** – Group leaders report back Second Activity summaries for all participants.

2:45 – 3:00 pm  **Coffee break and snacks provided**

3:00 – 3:45 pm  **Third Group Activity** (45 minutes)

“Identify any core concepts from other disciplines that are required for one learning objective that was identified in the Second Group Activity”

3:45 – 4:00 pm  **Group Reports** – Group leaders report back Third Activity summaries for all participants.

4:00 – 5:00 pm  **Workshop Summary and Discussion:**

Final group reports and discussion of goals and planning for future workshops

5:00 pm  **Workshop Concludes:** Participants are encouraged to linger and continue networking.

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For more information about the ASBMB RCN-UBE Project, visit [www.asbmb.org/bmbconcept](http://www.asbmb.org/bmbconcept)