

# Schedule at-a-Glance

## June 2nd-5th, 2008

### Monday, June 2nd

#### Welcome Event With Refreshments

7:00 PM - 8:30 PM, Palmer Commons Outdoor Plaza

### Tuesday, June 3rd

#### Registration Opens & Continental Breakfast 8:30 AM, Michigan League - Concourse

#### Visualizing Chemistry by Digital Learning Objects

9:45 AM, Hussey Room

#### Multiple Programs for Extra-Scholastic Science Experiences with Similar Missions - Benefits and Challenges Abound

9:45 AM, Vandenburg Room

#### The Sophomore Challenge: Meeting Academic Needs Through Research

9:45 AM, Henderson Room

#### Becoming Competitive in Academia: Helping STEM Students Navigate Their Way Towards a Doctorate

9:45 AM, Koessler Room

#### Keynote Speaker

#### Dr. Freeman Hrabowski, III

President, University of Maryland, Baltimore County

11:00 AM, Ballroom

#### Luncheon

12:00 PM, Ballroom

#### Undergraduate Research as an Equalizer: Different Learning and Learning Differently

1:15 PM, Hussey Room

#### Increasing the Percentage of Ethnic Minority Nurses: NCCU Department of Nursing and the Office of Student Support Services

1:15 PM, Vandenburg Room

#### Advising in the Sciences: Cutting a Large Major Down to Size

1:15 PM, Henderson Room

#### Improving Biology Students' Performance with Supplemental Instruction

1:15 PM, Koessler Room

#### Implementation of Process-Oriented Guided Inquiry Learning in an Introductory Chemistry Course

2:30 PM, Hussey Room

#### Explore, Prepare, Succeed: A Required Career Planning Course for Transitioning Transfer Students

2:30 PM, Vandenburg Room

#### Enhancing Persistence in the Sciences (STEM-based fields)

2:30 PM, Henderson Room

#### Using an Honors Program Approach to Build Community and Prepare Students for Research

2:30 PM, Koessler Room

#### Creating Campus Cultures for Undergraduate Success

3:45 PM, Hussey Room

#### Keeping Underrepresented Students in the Sciences using Research, Counseling and Seminars

3:45 PM, Vandenburg Room

#### Use of Clickers and Immediate Feedback Scratch-off Forms to Reveal Misconceptions, Stimulate Student Interest and Prompt Peer Instruction in Introductory Biology

3:45 PM, Henderson Room

#### Facilitated Study Groups for Introductory Biomedical Engineering: Practice and Evaluation

3:45 PM, Koessler Room

#### Tour of Science Learning Center

5:00-6:00 PM, Meet at Michigan League - Concourse

#### Dinner on Your Own

### Wednesday, June 4th

#### Registration Opens & Continental Breakfast 8:30 AM, Michigan League - Concourse

#### Pit Stops Without Penalties: Preparing First-Year Students for Success

9:30 AM, Hussey Room

#### Measuring the Magnitude of the Health Career Pipeline Leakage

9:30 AM, Vandenburg Room

#### Digital Research in the Natural Sciences: Critical Concepts and Strategies for Undergraduates

9:30 AM, Henderson Room

#### Evening Study Group Program Enhances First-Year Success

9:30 AM, Koessler Room

**Critical Components for Increasing Academic Performance in STEM: The Evolution and Sustainability of the Gateway Science Workshop Program**

10:45 AM, Hussey Room

**Computational Science as an Organizing Principle for Cross-disciplinary, Multi-Institutional, and Student-Faculty Collaborations**

10:45 AM, Vandenburg Room

**Creating a Successful and Diverse Pre-Health Learning Community at the University of Michigan**

10:45 AM, Henderson Room

**The Use of Multi-Disciplinary Fields to Train Undergraduates and for High School Outreach: Radio Astronomy as a Teaching and Research Tool**

10:45 AM, Koessler Room

**Boxed Lunch**

**12:00 PM, SLC Satellite Location  
2165 Undergraduate Science Building**

**The CSTEP/LSAMP Four-Year Curriculum at Stony Brook University**

1:15 PM, Hussey Room

**Engaging Undergraduate Interns in an Interdisciplinary Research Collaboration**

1:15 PM, Vandenburg Room

**Enabling Note-taking and Active Learning Through the Use of Laptops in the Classroom**

1:15 PM, Henderson Room

**Assessment of Undergraduate Courses in the Sciences: A National Study**

1:15 PM, Koessler Room

**Integrating Research into the Undergraduate Science Curriculum - Encouraging Students to Learn Science as Scientists Do**

2:30 PM, Hussey Room

**An Overview of the Midwest Conference for Undergraduate Women in Physics at University of Michigan**

2:30 PM, Vandenburg Room

**Learning in Large Courses: Supplemental Workshops for Enhancing the Transition to a University**

2:30 PM, Henderson Room

**Developing a Robust Peer-Led Team Learning Program**

3:45 PM, Hussey Room

**Win-Win Outreach Solutions: How Community Service Can Build Leaders in Science and Education**

3:45 PM, Vandenburg Room

**Helping Low-income, Minority, and First-generation College Students in Nevada Attain Biomedical Careers**

3:45 PM, Henderson Room

**Undergraduate Research as Career Exploration Experience**

3:45 PM, Koessler Room

**Dinner on Your Own**

**Dessert Reception**

**7:30 - 9:30 PM, Exhibit Museum of Natural History**

**Thursday, June 5th**

**Continental Breakfast**

**8:00 AM, Michigan League - Concourse**

**Tools for Personal Statement Writing and Critiquing**

9:00 AM, Michigan Room

**G.E.N.E.S.I.S. II: From Beyond Campus to Community and Corporate Partners for Success. A Recruitment and Retention Project to Reach Underrepresented Groups for Careers in the Nursing Sciences**

9:00 AM, Vandenburg Room

**Experiencing Collaborative and Constructivist Teaching to Engender Pedagogical Change**

9:00 AM, Henderson Room

**Using the College Library to Enrich Science Learning**

9:00 AM, Koessler Room

**Learning the Process and Nature of Science in the Context of Cutting-edge Plant Biotechnology Research: Assessing a Research Experience for Undergraduates**

10:15 AM, Henderson Room

**Reality-based Advising of Pre-medical Students**

10:15 AM, Koessler Room

**Effectively Training a New Generation of Undergraduate Science Educators Through Peer-Teaching**

10:15 AM, Vandenburg Room

**Engaging Students in the Introductory Physics Sequence at the University of Michigan**

11:30 AM, Michigan Room

**AMSTEMM - Appalachian and Minority STEM (Science, Technology, Engineering, and Mathematics) Majors**

11:30 AM, Vandenburg Room

**What Should We Be Telling Students About How People Learn?**

11:30 AM, Henderson Room

**Using a Critical Inquiry Class Pairing to Support Students in Introductory Discipline-based Courses**

11:30 AM, Koessler Room