

Session 2: Collective Impact in Research, Scholarship and Creative Achievement

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Eugene Schaffer
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ACE INTERNATIONALIZATION LAB



The ACE Internationalization Laboratory

 An <u>invitational learning community</u> that assists participating institutions in developing capacity, capability, and strategy for comprehensive internationalization.

- Involvement lasts 16-20 months.
- Each cohort is 10-12 institutions.
- 138 institutions (including you!) have participated.
 - U.S. and international
 - All sectors



Laboratory Timeline

- Sept. Dec. 2018
 - Form Committees
 - ACE Advisor Site Visit (Dec. 13)
- Jan. Jun. 2019
 - Collect and Analyze Data
 - Develop Initial Findings
 - Benchmark Peers and Industry
 Standards

- July Oct. 2019
 - Verify Findings with Stakeholders
- Nov. 2019 Mar. 2020
 - External Peer Review
 - Review Drafts of Report
- July 2020
 - Submit Final Report to Institutional Leadership



UMBC Lab Structure







Comprehensive internationalization is a strategic, coordinated process that seeks to align and integrate policies, programs, and initiatives to position colleges and universities as more globally oriented and internationally connected institutions.

American Council on Education



Comprehensive internationalization is not just "What are we doing?"...

- ✓ Study abroad
- ✓ International students and scholars
- ✓ Linkages/institutional partnerships and exchanges
- ✓ On-line education (virtual study abroad) and internationalized courses
- ✓ Area studies programs
- ✓ Foreign language

- ✓ International studies (interdisciplinary)
- ✓ International business (multi-regional, discipline-based)
- ✓ Research collaboration
- ✓ Dual and joint degree programs
- ✓ Outreach
- ✓ Cross-cultural events and training
- ✓ Etc.....



...Comprehensive internationalization answers "Why are we doing this?"

Enhancing institutional reputation & competitive position

Preparing students for global citizenship Making students more competitive in the global marketplace

Generating revenue

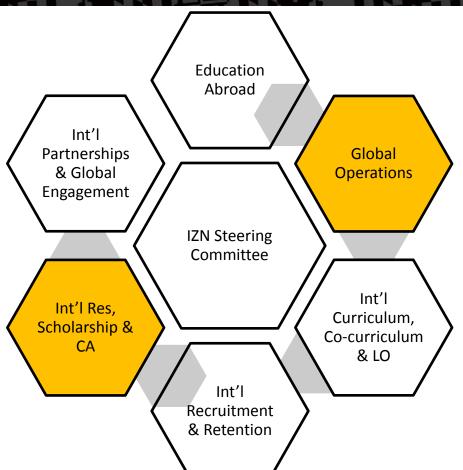
Enhancing the research agenda

Making a better, more understanding world



SUBCOMMITTEES







INTERNATIONAL RESEARCH



International Research, Scholarship, Creative Achievement Subcommittee Members

- Dr. Eugene Schaffer (chair), Professor, Education
- Dr. April Householder, Director of Undergraduate Research and Prestigious Scholarships, Office of Undergraduate Education
- Dr. Anupam Joshi, Professor and Chair, Computer Science and Electrical Engineering
- Dr. Christine Mallinson, Professor, Language, Literacy, and Culture and Director, Center for Social Science Scholarship
- Dr. Connie Pierson, Associate Vice Provost, IRADS
- Dr. Nagaraj Neerchal, Professor, Statistics and Math
- Dr. Vanderlei Martins, Professor, Physics
- Dr. Shawn Bediako, Associate Professor, Psychology
- Miriam Tillman, Assistant VP, Marketing & Creative Services, Institutional Advancement
- Dr. Antonio Moreira, Vice Provost for Academic Affairs
- Dr. David Di Maria, Associate Vice Provost, International Education Services
- Dave Anguish, International Student/Scholar Advisor, International Education Services
- Adam Holden, General Associate, International Education Services

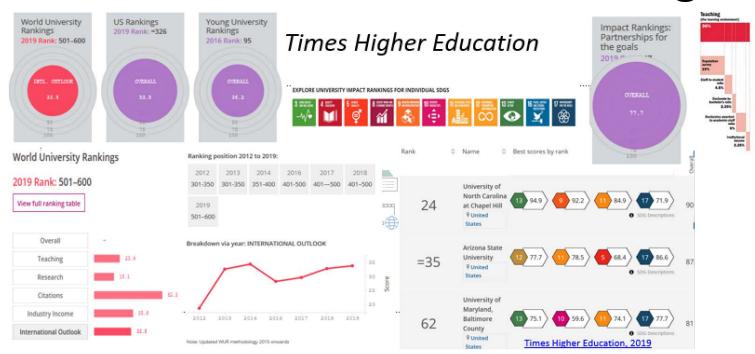


International Research Subcommittee Charge

- Examine current status of UMBC research involving international focus
- Identify tactics to increase international research activity as outlined in the strategic plan
- Assess and improve UMBC's placement within global academic rankings
- Assess the incorporation of faculty research/engagement work with undergraduate research opportunities, or opportunities for graduate students
- Produce report with final recommendations/goals

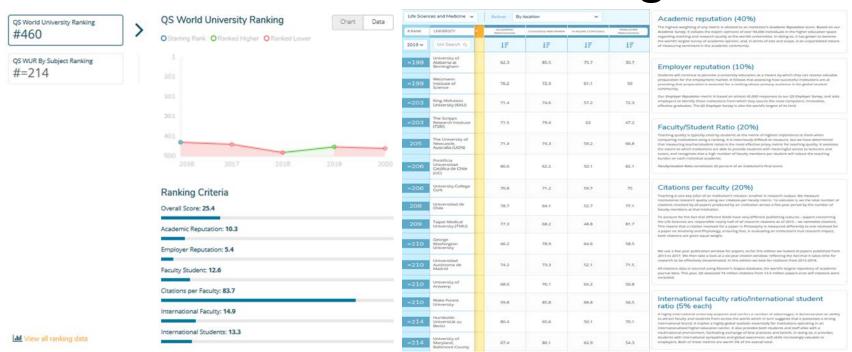


International Rankings





International Rankings





GLOBAL OPS



Global Operations Subcommittee Members

- Dean Drake, Associate Vice President for Research, VP for Research (co-chair)
- Christopher Tkacik, Sr. Associate General Counsel, General Counsel (co-chair)
- Kimberly Campion, Administrative Assistant, Environmental Safety and Health
- Gayle Chapman, Assistant Controller, Financial Services
- Linda Rothfus, Manager of Business Services, Financial Services
- Janet Maddox, Exec Assistant, General Counsel
- Trisha Wells, Associate Vice Provost, Finance and Administration
- Elizabeth Moss, Executive Director, Procurement and Strategic
- Peggy Ingle, Assistant Manager of Business Services, Financial Services
- Sasha Hudson, Assistant VP & Controller, Financial Services
- David Di Maria, Associate Vice Provost, International Education Services
- Adam Holden, General Associate, International Education Services



Global Operations Subcommittee Charge

- Identify internal guidelines, policies and procedures that impact global engagement
- Perform an audit of UMBC's current international projects, activities and contracts
- Analyze results for exposure and risks (e.g., health, legal, safety and security)
- Recommend strategies to enable global engagement while reducing risks
- Produce report with final recommendations/goals for supporting global operations



Global Operations



(OSAC, 2018)



Faculty Case Study in Action

- Dr. Yonathan Zohar
 - Global Research
 - International Collaborations
 - Student and Faculty Exchanges
 - Joint Publications
 - Commercialization of technologies



A Perspective of an "International" Marine Biologist

Yonathan Zohar

Chair, Department of Marine Biotechnology
Institute of Marine and Environmental Technology
University of Maryland, Baltimore County











Marine Biology is a global scienceby definition





Marine Biology/Biotechnology can reverse these trends

Food



Water

Energy

Medicines



It is a global scienceby definition

- Oceans have no boundaries
- Study, protect and enhance marine and estuarine resources
- Research involves scientists around the world
- International collaborations
- Many faculty and student exchange programs
- International funding- EU H-2020, NSF transformational, NSF/BSF, NOAA, NIH, USDA, BARD, USAID
- Global technology transfer, commercialization



Every drop in the ocean has global ripple effects...





DISCUSSION



Feedback Requested

 What are the motivations and barriers to engaging in international research collaborations?

 How can UMBC provide better support for engaging with international collaborators?

 How can we better leverage UMBC's existing international research networks and connections?



Feedback Requested

- How best can we communicate with faculty and staff about international opportunities?
- How can we keep better track of UMBC's international engagements?
- What pre- and post- international travel support do you need?
- How can we increase the number of visiting international scholars at UMBC?



Feedback Requested

- Do the initial recommendations and SWOT analysis resonate?
 - What's missing?
 - What would you change?
 - What surprises you?



Internationalization Survey

- Please complete the short survey
 - retreat.umbc.edu/sessions



Final Questions, Comments