UB Reaching Others: The Haiti Earthquake
Friday, March 26, 2010 | 1:30 – 3:30PM | Center for the Arts Drama Theatre

Welcome & Opening
- Dr. Harvey Stenger, Dean, School of Engineering and Applied Sciences

Extreme Events: Mitigation & Response
- Dr. Adel Sadek, Associate Professor, Department of Civil, Structural and Environmental Engineering; Chair, Faculty Advisory Committee, UB 2020 Strategic Strength on Extreme Events: Mitigation & Response

Haiti Before the January 12th Event: Exposure, Seismicity and State of The Engineering Practice
- Mr. Pierre Fouché, Fulbright Scholar and Ph.D. Candidate, Department of Civil, Structural and Environmental Engineering
  Mr. Fouché gives a general overview of the exposure of Haiti to natural hazards with an emphasis on earthquakes. He also briefly addresses the state of the engineering practice in the country and presents what conjunction of factors has led to the magnitude of the destruction recorded during the January 12th earthquake.

Mapping a Disaster - Supporting the Recovery
- Dr. Chris Renschler, Associate Professor, Department of Geography; Director, Landscape-based Environmental System Analysis & Modeling (LESAM) Laboratory
  Dr. Renschler discusses satellite and airborne remote sensing imagery and Geographic Information Systems (GIS) in assessing impacts of an extreme event, in aiding emergency response and recovery, and in building a more resilient community against future events. He also reviews the efforts of UB Geography students in the LESAM lab, in mapping damage and collecting important data for the short-term and long-term recovery in Haiti.

Building Assessments: The First Step to Recovery
- Dr. Andre Filiatrault, Professor, Department of Civil, Structural and Environmental Engineering; Director, MCEER (Multidisciplinary Center for Earthquake Engineering Research)
  Dr. Filiatrault briefly describes the work of a team of 10 French-speaking engineers in Port-au-Prince, Haiti following the January 12, 7.0M earthquake. The team’s mission was to assess the safety of buildings — principally, hospitals, orphanages and food storage facilities — that had not collapsed as a result of the earthquake.

Haitian Earthquake: Orthopaedic Care - USNS Comfort
- Dr. Lawrence B. Bone, M.D., Professor and Chair, Department of Orthopaedics
  Orthopaedic Trauma Surgeon, Erie County Medical Center
  Dr. Bone discusses his experience aboard the U.S. Navy hospital ship, the USNS Comfort with nine other members of the Orthopaedic Trauma Association (OTA). The team of doctors performed more than 200 operations on complex and difficult injuries — already three to five weeks old — sustained by Haitian patients during the earthquake.

UB’s Efforts to Assist Haitian Students and Build Relationships with Haitian Universities
- Dr. Stephen C. Dunnett, Professor and Vice Provost for International Education
  Dr. Dunnett details the efforts of UB’s Office of International Education, to assist Haitian students at UB. He also discusses future international education outreach initiatives to universities in Haiti, US government agencies, non-government organizations, and professional associations, to assist the nation of Haiti in its recovery.

Panel / Q&A
Closing Remarks

This program is sponsored by the Office of the Vice President for External Affairs, MCEER (Multidisciplinary Center for Earthquake Engineering Research) and the UB 2020 Strategic Strength on Extreme Events: Mitigation and Response.