



Disaster Resilient Universities® (DRU) Overview

A peer-to-peer network of university/college practitioners overseeing campus health, safety, emergency and risk management

In 2000, six schools participated in the Federal Emergency Management Agency's (FEMA) Disaster Resistant Universities pilot initiative. The intent of FEMA's initiative was to support university efforts to reduce and manage vulnerability to hazards. The pilot initiative yielded a grant program and a how-to guide focused on mitigation and risk reduction. The grant program was short-lived—there was only one funding cycle, and fewer than 20 schools receiving grant funding for campus mitigation planning.

Background: When FEMA cut the funding, several institutions of higher education kept the core concept of the DRU alive. They saw the need for a practical, common-sense approach to disaster planning on their campuses. In 2005, after a national meeting of DRU campuses at the University of Washington, the University of Oregon started the Disaster Resilient Universities® (DRU) listserv. The listserv quickly became the cornerstone of the DRU Network® and served as a multidisciplinary, practitioner-based communication resource. The goal was simple: facilitate open communication, discussion, and resource sharing among university/college practitioners charged with making America's campuses more disaster resilient.

What DRU does: As of May 2016 the DRU listserv had more than 1500 members representing approximately 800 institutions. Today, the DRU Listserv provides a simple resource for increased communication, coordination, and collaboration among universities to mitigate, prepare for, respond to, operate during, and recover from natural disasters, acts of terrorism, or other crises.

The DRU Network® and concept has continued to evolve over time. Key to the evolution was the formation of the University & College Caucus (UCC) under the International Association of Emergency Managers (IAEM). The DRU Network® and UCC have developed a number of tools and resources on a peer-to-peer multidisciplinary basis. These include:

- University & Colleges Caucus (UCC) annual workshops and webinar series;
- Practitioner-based training and course development;
- Standards & resilience crosswalk tool;
- Emergency Management Accreditation Program (EMAP) for Higher Education;
- University Incident Management Teams (IMT) concept and development; and
- National Intercollegiate Mutual Aid Agreement (NIMAA);

After Hurricane Sandy in 2012, DRU members helped affected Institutions of Higher Education via the Emergency Management Assistance Compact (EMAC) process and their own expertise. The DRU Network® also provided real-time data to the U.S. Department of Education on campus closures and other issues. In 2015, the DRU and UCC members developed first National Intercollegiate Mutual Aid Agreement (NIMAA) for all intuitions of higher education to establish more formal partnerships between schools and other mutual-aid groups to help IHEs develop simple, open-source data-collection tools that assess the effects of disasters.

Why DRU matters: Creating a disaster-resilient campus is an exceedingly complex problem. It requires communication, coordination, cooperation, and a focused effort from the entire university, including the executive leadership, faculty/researchers, staff, students, and external partners. The DRU Network® helps this effort because its interdisciplinary approach leverages members' knowledge and expertise to provide technical assistance and resources.

DRU and UCC Resources and Activities Summaries

Disaster Resilient Universities (DRU) Network

<http://emc.uoregon.edu/content/disaster-resilient-universities>

DRU's mission is to facilitate open communication, discussion, and resource-sharing among university/college practitioners charged with making campuses more disaster-resilient. Sharing information helps campuses mitigate, prepare for, respond to, operate during, and recover from natural disasters, acts of terrorism, or other crises.

Disaster Resilient Universities (DRU) Listserv

The DRU network has grown to over 1500 members at more than 800 institutions of higher education. The University of Oregon Emergency Management and Continuity Program administers the program.

DRU Community of Practice and Repository

<https://communities.firstresponder.gov/>

“DHS First Responder Communities of Practice” is a professional networking, collaboration, and communication platform created by the U.S. Department of Homeland Security Science & Technology Directorate. This vetted community of members focuses on emergency preparedness, response, recovery, and other homeland security issues. A DRU group shares information and technical resources (such as templates or examples, After Action reports, lessons learned, and best practices or case studies); it also engages in discussions and dialogues related to the profession and emerging issues around campus emergency management.

International Association of Emergency Managers – University & Colleges Caucus (IAEM-UCC)

<http://www.iaem.com/committees/College/index.htm>

Higher education institutions have special considerations when preparing students, faculty, staff, and visitors to mitigate, respond to, operate during, and recover from all types of emergencies. The Universities & Colleges Caucus (UCC) gives a voice to emergency managers in higher education institutions and ensures that governments and industries address the emergency-management issues that college and university campuses face.

Appalachian State University (NC)	CSU San Bernardino (CA)	King Abdulaziz University (Jeddah, Saudi Arabia)
Auburn University (AL)	Drexel University (PA)	Laredo Community College (TX)
Auraria Higher Education Center (CO)	East Carolina University (NC)	Maricopa Community Colleges (AZ)
Baylor University (TX)	Eckerd College (FL)	Marymount University (VA)
Binghamton University - The State University of New York	Elgin Community College (IL)	Massachusetts Institute of Technology
Boise State University (ID)	Florida International University	Missouri State University
Boston College (MA)	Florida State University	North Central Texas College
California Institute of Technology (Caltech)	Fresno Pacific University (CA)	Northern Arizona University
California State University Northridge	Gallaudet University (DC)	Northwestern University (IL)
Carnegie Mellon University (PA)	George Mason University (VA)	Nova Southeastern University (FL)
Chattanooga State Community College (TN)	Goucher College (MD)	NW Arkansas Community College
Coastal Carolina University (NC)	Harvard University (MA)	Ogden-Weber Tech College (UT)
Colby-Sawyer College (NH)	Idaho State University	Ohio State University
College of the Holy Cross (MA)	Illinois State University	Oklahoma State University
Columbia University (NY)	Indiana University	Old Dominion University (VA)
Cornell University (NY)	Ivy Tech Community College (IN)	Oregon Health & Science University
	Jacksonville State University (AL)	Oregon State University
	Kansas Wesleyan University	Paul Smith's College (NY)

Penn State	Thomas Jefferson University and Hospitals (PA)	University of Miami
Providence College (RI)	Tufts University (MA)	University of Michigan
Purdue University (IN)	Tulane University (LA)	University of Nebraska - Lincoln
Quinnipiac (CN)	University of California at Berkeley	University of Nevada Las Vegas
Rensselaer Polytechnic Institute (NY)	University of Massachusetts - Amherst	University of North Dakota
Rio Hondo College (CA)	United States Military Academy (NY)	University of Oklahoma
Riverside Community College District (CA)	University of Vermont	University of Oregon
Rochester Institute of Technology (NY)	University of Alabama	University of Ottawa (Canada)
Saint Xavier University (IL)	University of Alaska Anchorage	University of Pittsburgh (PA)
San Jacinto College (CA)	University of Arkansas	University of Richmond (VA)
San José State University Police Department (CA)	University of California Irvine	University of South Florida
Santa Clara University (CA)	University of California Riverside	University of South Florida
Sonoma County Junior College District (CA)	University of California San Francisco	University of Tennessee
Southern Methodist University (TX)	University of California, Berkeley	University of Texas Arlington
Southwest Virginia Community College	University of California, Davis Medical Center	University of Texas at Arlington
Stanford University (CA)	University of California, Irvine	University of Texas at Austin
State University of New York - System Admin (NY)	University of California, San Francisco (UCSF)	University of Texas at Dallas
Stony Brook University - The State University of New York	University of California, Santa Barbara	University of Texas at San Antonio
Suffolk University (MA)	University of Central Florida	University of Vermont
The State University of New York - Plattsburgh	University of Central Oklahoma	University of Washington
Temple University (PA)	University of Colorado Boulder	Utah State University
The College of William & Mary (VA)	University of Delaware	Vanderbilt University (TN)
The George Washington University (DC)	University of Houston	Virginia Commonwealth University (VCU)
The Ohio State University	University of Houston - Office of Emergency Management	Virginia Polytechnic Institute & State University
The University of Alabama	University of Illinois at Chicago	Virginia Tech
The University of North Carolina at Greensboro	University of Kansas	Wake Forest School of Medicine (NC)
The University of Utah	University of Louisville (KY)	Washington University in St. Louis
	University of Maryland	Washington University in St. Louis School of Medicine
	University of Massachusetts	Westmont College (CA)
	University of Massachusetts Boston	Wright State University (OH)
		Yale University

University and Colleges Caucus (UCC) Annual Workshop and Webinar Series

The UCC hosts an annual two-day workshop for emergency-management professionals in a higher education. A capstone of the workshop is the “World Café,” during which practitioners share information on current and pressing issues they face on their campuses. The UCC also hosts periodic webinars on higher-education emergency management, business continuity “hot topics,” and best practices.

Training & Course Development

UCC members were on the HEOA/Clery Act negotiated rulemaking team and also worked with FEMA to introduce the Incident Command for higher education institutions (ICS-100.HE) course. Following this, FEMA, with the UCC’s help, built a series of courses aimed at campus resilience.

- “Multi-Hazard Emergency Planning for Higher Education (L-363)” is a three-day course designed to teach campus teams the foundations of emergency planning, risk assessment, and overall preparedness and readiness.
- “Emergency Planning for Campus Executives (G-367)” is a modular, two-hour course designed for senior executives at higher education institutions.
- “Executive Seminar: Prevention of, Response to, and Recovery from Campus Emergencies (MGT-324)” is a two-day overview of prevention, response, and recovery activities for college and university campuses.

Emergency Management Accreditation Pilot Program

The Universities & Colleges Caucus is leading the effort to bring the Emergency Management Accreditation Program (EMAP, an internationally recognized emergency-management standard and accreditation system) to colleges and universities. The UCC worked with EMAP on a pilot project for accrediting institutions of higher education that have campus-based, emergency-management programs. Pilot assessments of four institutions started in October 2011 and concluded in August 2012. We are proud to announce that the EMAP program is now open to any college/university globally.

Standards & Resilience Crosswalk Tool

<http://www.frameworked.org/crosswalk/>

The DRU/UCC standards working group, which includes emergency management, risk management, business continuity, and higher-education administration professionals, has been developing a crosswalk tool based upon industry standards for emergency management, risk management, and business continuity. The intent is to help campuses navigate the complex world of standards, help them understand the common ground among various standards, and determine which standards best fit their institutions.

University Incident Management Teams (IMT)

The DRU/UCC has conducted preliminary background research, including a survey on the types of incident response teams that campuses use, and it has collected information regarding how campuses develop, use, and support incident management teams.

National Intercollegiate Mutual Aid Agreement (NIMAA)

Similar to other mutual aid agreements, the National Intercollegiate Mutual Aid Agreement is a source for providing and/or receiving assistance. Participating in multiple agreements provides institutes of higher education with flexibility when evaluating the most effective and efficient means of obtaining resources during an emergency. Unlike typical government mutual aid agreements, NIMAA membership can include both public and private institutions. The NIMAA is a mutual aid agreement that is complementary to other mutual aid agreements / programs, and works in cooperation with other plans.

Boston College (MA)
Boston University (MA)
Clemson University (SC)
College of the Mainland (TX)
Florida State University (FL)
Harvard University (MA)
Lynn University (FL)
Miami Dade College (FL)
Massachusetts Institute of Technology (MA)
Paul Smith's College (NY)

Rollins College (FL)
Suffolk University (MA)
Tillamook Bay Community College (OR)
Tufts University (MA)
Umpqua Community College (OR)
University of Miami (FL)
University of Oregon (OR)
University of Pittsburgh (PA)
University of Virginia (VA)
Westmont College (CA)

Business & Research Continuity

The UCC has a business and research continuity working group to explore the issues campuses face in maintaining operations during a crisis and to develop best practices for other campuses.

Professional Association Engagement

The UCC is actively engaged with other professional associations, such as the International Association College Law Enforcement Administrators (IACLEA), Campus Safety Health and Environmental Association (CSHEMA), University Risk Management and Insurance Association (URMIA), and others.

National Higher Education Needs Assessment Project

The 2016 National Needs Assessment is an example of partnership resulting in a better understanding of campus emergency management needs. Kim Richmond, Director, National Center for Campus Public Safety, worked with the 2016 National Needs Assessment Advisory Committee to develop a survey of universities and colleges. Campus advisory committee members include:

André LeDuc (chair), Chief Resilience Officer and Associate Vice President Safety and Risk Services University of Oregon
Geoffrey Bartlett, Director, Emergency Management, Tufts University
Jim Caesar, Campus Emergency Manager, University of California - Santa Barbara
Paul Dean, Chief of Police, University of New Hampshire
Krista M. Dillon, Director, Emergency Management Fire Prevention, University of Oregon
Troy Harris, Assistant Vice President for Institutional Resilience, Westmont College
Andrew D. MacPherson, Director, Public Safety and Emergency Management, Grayson College
Adrian Wiggins, Executive Director, Campus and Public Safety, Morgan State University
Madeline Sullivan, U.S. Department of Education - Office of Safe and Healthy Students
Bronwyn Roberts, Director, Readiness and Emergency Management for Schools - Technical Assistance Center
Wendy Walsh, Higher Education Program Manager, FEMA- Emergency Management Institute
Sharon K Snyder, Department of Homeland Security Office of Academic Engagement
Calvin K. Hodnett, Special Advisor for Campus Public Safety Law Enforcement Engagement Unit Office of Partnership Engagement Federal Bureau of Investigation

Partnerships

The DRU/IAEM-UCC is engaged with other federal agencies, including the U.S. Department of Education, U.S. Department of Homeland Security, Federal Emergency Management Agency, the Centers for Disease Control and Prevention, Emergency Management Institute, National Center for Domestic Preparedness and Training, National Center for Campus Public Safety, and many more.

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National DRU Network Administrator

National Disaster Resilient Universities® Network <http://emc.uoregon.edu/content/disaster-resilient-universities>

Advisory Board Member

National Center for Campus Public Safety U.S. Department of Justice Bureau of Justice Assistance <http://www.nccpsafety.org>

Past-Chairperson

International Association of Emergency Managers - Universities & Colleges Caucus <http://tinyurl.com/iaem-ucc>

The DRU Network and UCC are also on Posterous, Facebook, Twitter, LinkedIn, and DHS First Responders Communities of Practice.

