

# THE EM HUB

## How Do You Spend Your Time?

We all have 24 hours in a day. Assuming 8 of those hours are sleeping, that leaves us with 16 hours in the day. The question is, what do we do with those 16 hours? It's interesting that some people are able to use those 16 hours to be incredibly productive while others seem to accomplish very little. Why is that?

In his book *First Things First*, Dr. Stephen Covey provides a time management matrix that might be instructive in answering this question. He suggests that there are four quadrants in which one can spend time: 1) Urgent & Important, 2) Not Urgent & Important, 3) Urgent & Non-Important, and 4) Not Urgent & Not Important. We want to spend most of our time in Quadrant II. Unfortunately, many of us spend lots of time—if not most of our time—in the other quadrants.

	Urgent	Not Urgent
Important	<b>I Demand</b> - crisis - pressing problems - deadline projects	<b>II the ZONE</b> - planning - prevention - relationship building - new opportunities - learning, developing
Not Important	<b>III Illusion</b> - interruption - some calls, mails - some meetings - pressing matters without impact - popular activities	<b>IV Escape</b> - trivia, busy work - time wasters - private calls - internet surfing - pleasant activities

Take a look at the matrix and consider your average day. Where do you spend the majority of your time? Are you managing your time as best you can? Reading Covey's book can give you some ideas of how to perhaps make changes in how you manage your time to increase your productivity.



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# ADVISING CORNER

## EMGT Course Offerings-Fall 2017

EMGT 101: Emergencies, Disasters, and Catastrophes  
EMGT 150: Homeland Security  
EMGT 261: Disaster Preparedness  
EMGT 262: Disaster Mitigation  
EMGT 264: Disaster Recovery  
EMGT 414/614: Spatial Analysis in Emergency Management  
EMGT 435/635: Issues in Homeland Security and Emergency Management  
EMGT 463/663: Voluntary Agency Services in Disaster  
EMGT 491: Advanced Business Continuity  
EMGT 762: Mitigation Theory and Practice



## Registration and Advising

Registration for the fall semester has begun! If you have questions about what you should take, the status of your academic progress, or other matters, make an appointment to meet with your advisor prior to your registration date. The department does not mandate that students meet with advisors prior to registration each semester; however, to ensure that you are making sufficient progress and are on-track to meet your goals, you are encouraged to meet with your advisor at least once a year.

## The Internship

Every emergency management majors must do a three credit internship.

The objective of the internship requirement is to help advance each student's career goals. As such, internships are individually tailored.

Students should have completed at least three phases prior to doing their internship (response must be completed prior).

Internships require a minimum commitment of 150 hours and must have emergency management or business continuity linkage.

You should give careful consideration to your internship as it is a great way to gain experience, make professional connections, and potentially create future job opportunities. You want to find an internship that is a good fit with your interests, strengths, and career goals.

You are encouraged to speak with your advisor, as well as with Dr. Cwiak, the internship coordinator, about your interests and ideas regarding your internship placement. You should engage in this dialogue early so as to ensure you have plenty of time to find the right opportunity for you!

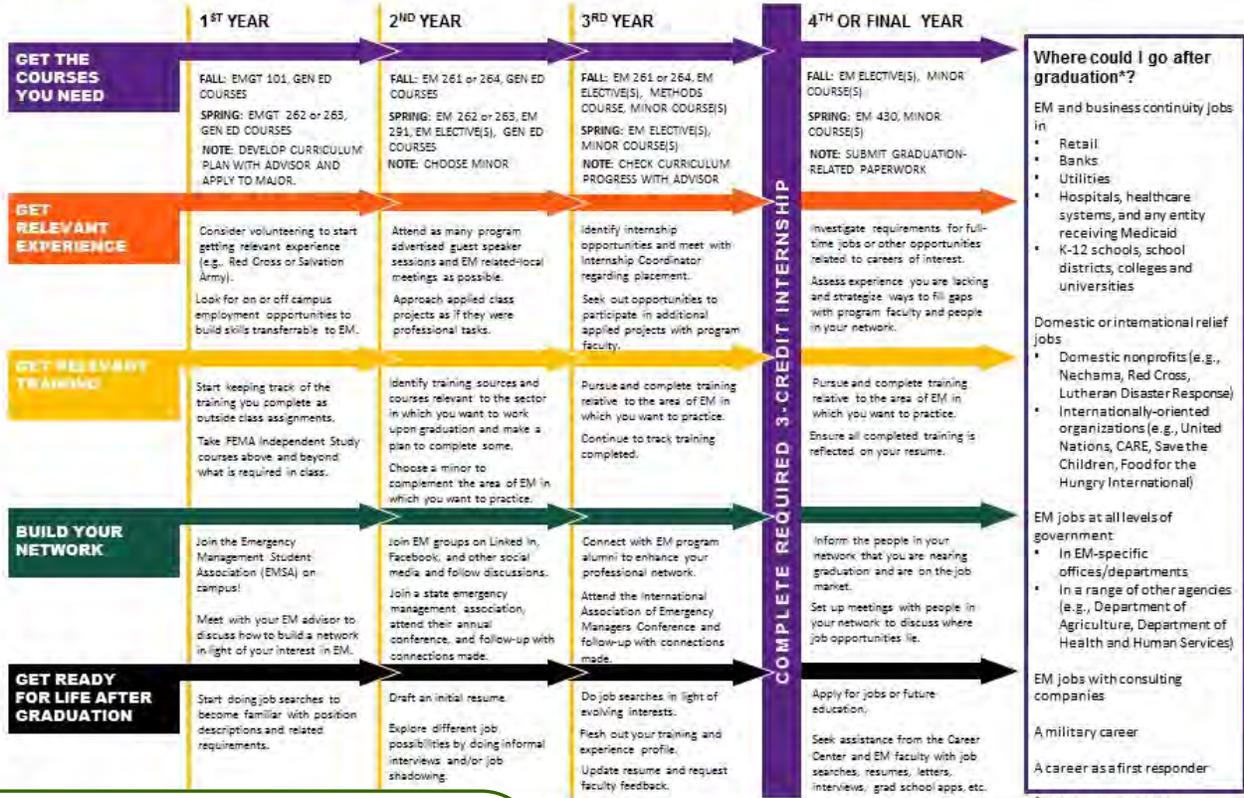
*It takes a much energy to wish as it does to plan –Eleanor Roosevelt*

# ADVISING CORNER

## Emergency Management (EM) MAJOR MAP



BACHELOR OF SCIENCE, EMERGENCY MANAGEMENT



COMPLETE REQUIRED 3-CREDIT INTERNSHIP

## NEW MAJOR MAP!!

It should not be news to any of our majors that there is more to becoming a good emergency management professional than just attending classes. It is critical that you seek additional professional development opportunities to increase your knowledge, gain experience, develop your networks, and hone your skillsets. Dr. Jensen has created a major map to help you to not only ensure that you are on track with the classes that you need to graduate, but also to provide ideas and timelines in these other areas of professional development as well.

Please see your advisor to receive a copy of this map. You are encouraged to engage with your advisor regarding not only your academic progress, but these other areas of development as well! In addition to helping you make a plan to graduate on time, your advisor can also help you figure out how to graduate with the necessary experience and training that employers are looking for in your chosen area of the emergency management profession, as well as the professional network and job-seeking skills that will give you a leg-up in the job hunting process.

Such a meeting is particularly important for those of you who found the EM major later in your academic career or who relied on coursework alone to prepare for the profession. You can still, with focused efforts, move successfully through this development process. But you are encouraged to meet with your advisor as soon as possible to discuss how to adjust this map for your situation.



# FACULTY DOINGS



## A MESSAGE FROM THE DEPARTMENT HEAD

I'm pleased to announce that effective this coming July 1, Professor Jessica Jensen will become the new administrator for the Department of Emergency Management. I will return to a faculty role after 11 years in an administrative position. There have been many exciting events over that time period but fundamentally, our greatest accomplishment has been building a strong program for our students. Hiring top faculty and attracting talented and highly motivated students has been the foundation of that success.

That said, I'd like to highlight several historical points in our development as a program. Initially, the Emergency Management program was situated in the Department of Sociology/Anthropology. When I became department administrator in 2006 we changed the name to the Department of Sociology, Anthropology and Emergency Management. In 2010 we applied for, and were granted, independent department status. This change was an important factor in increasing the visibility of our program on campus as well as in the state, region, and nation. Hopefully, we will be able to retain our position as a free-standing department despite budget cuts across the NDUS system.

Speaking of budget, this year marks our first ever award of undergraduate student scholarships. Initially, two scholarships were awarded and, I hope to find ways to expand that number in the coming years. An alumni fund-raising effort will begin soon to pursue that goal.

Keep working hard as we move into the final weeks of the semester.

Daniel J. Klenow, Ph.D.



Dr. Jessica Jensen, associate professor of emergency management, is spearheading an initiative to connect alumni across cohorts and connect the program to alumni so that we can all interact, learn from, and support one another.

The first step in this initiative is the development of an alumni LISTSERV to facilitate email communication amongst alumni and between alumni and the department. Additional plans for alumni engagement are currently underway.

If you have any ideas of how we can facilitate a better connection between the program and our alums or if you willing to help in anyway with this initiative, please let Dr. Jensen know!

Dr. Carol Cwiak, associate professor of emergency management, has co-authored an article entitled "Emergency Management



Leadership in 2030: Shaping the Next Generation Meta-Leader" with her team of nine emergency management leaders from FEMA's National Emergency Management Executive Academy. The article was recently published in the *Journal of Emergency Management* and reports the findings from the team's culminating project as part of the Executive Academy curriculum.

# FACULTY DOINGS



Dr. Sarah Bundy, assistant professor of emergency management, gave a presentation entitled “Keeping Score: Measuring the Effectiveness of Disaster Response” at the North Dakota Infragard

meeting on February 15th.

Infragard is an association of persons who represent businesses, academic institutions, state and local law enforcement agencies, and other participants dedicated to sharing information and intelligence to prevent hostile acts against the U.S.

The presentation applied and adopted what has been learned about disaster response to date to propose a measurement tool for response effectiveness and used examples to demonstrate the value of such a scorecard to a variety of stakeholders in emergency management .

Dr. Y. Gurt Ge, assistant professor of emergency management, has been selected to participate in a two-workshop series sponsored by the National Science Foundation, Infrastructure Management and Extreme Events Program. The central objective of the workshop series is to “bring together scholars to advance the science and practice of interdisciplinary research for hazards and disasters”.



Ge joined the first workshop at NSF in March 30-31. He is currently collaborating on two Perspectives papers to be submitted to a special issue of Risk Analysis on interdisciplinary methods of disaster research.

Dr. Jessica Jensen, associate professor of emergency management, gave a keynote address on February 8th at the 52nd Governor’s Homeland Security and Emergency

Management Conference in Minnesota entitled “Emergency Management 2050: Where to Go and How to Get There.”



In this address, Dr. Jensen traced the historical development of emergency management in the United States and considered its present state, including challenges confronting emergency management, the emergence of emergency management higher education programs, and the landscape of emergency management jobs. The presentation concluded with a forecast of the context in which emergency management practice will have to perform in the future.

This plenary presentation set the backdrop for two breakout sessions in which audience members were able to discuss emergency management’s future and their role in helping shape the practitioners who will navigate its challenges.



Dr. Carol Cwiak, associate professor of emergency management, officially began her midlife crisis this semester by adopting this new research agenda. She is currently looking for

participants in a research study designed to answer these very important questions. If you are interested in participating, please contact Dr. Cwiak as soon as possible. Participation requires lots of time talking with Carol about your feelings!

# STUDENT BRIEFINGS

## SPRING 2017 GRADUATION PARTY COME OUT AND SUPPORT OUR STUDENTS!

Friday, May 12, 5-6 pm  
Arikara Room,  
Memorial Union



### Join the EM Dept and EMSA in celebration!

We will be commemorating the end of the semester and recognizing the hard work our students have done to get their degrees!

A short ceremony will be followed by light snacks and refreshments. All are welcome!

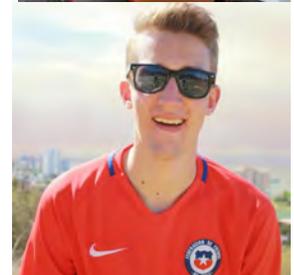


Emergency management now has a scholarship program to help our students defray the cost of tuition! Through this scholarship program, there will be at least one \$500 scholarship available each spring to students who will be enrolled for at least one semester during the upcoming academic year.

To be eligible for the scholarship, student must be accepted into the emergency management major. Students must have completed at least 12 credits in emergency management by the time the money would be dispersed and be in good academic standing. Preference will be given to students with a 3.0 cumulative GPA or higher and a 3.2 GPA or higher in the major. Preference will also be given to those who have actively participated in the Emergency Management Student Organization (EMSA) and who have taken steps towards their professional development outside of the classroom.

This spring, two scholarships were awarded through the emergency management scholarship program. Matt Thompson and Tim Hepokoski each received a \$500 award. Congratulations!

Stay tuned next year for application announcements!



# Emergency Management Student Association (EMSA)

The Emergency Management Student Association (EMSA) is both a North Dakota State University student organization and a student chapter of the International Association of Emergency Managers. EMSA is first and foremost engaged in helping students grow in the field of emergency management. EMSA is a great way for students to further collegiality and shared EM interests.

EMSA dues, at \$20 a year (or \$10 a semester), allow for full membership in the organization and the opportunity to participate in sponsored travel activities, such as attendance at IAEM's Annual Conference. Engaging in EMSA activities that involve outreach and service allows members to give back to the community while building their resumes. EMSA also provides leadership opportunities through officer positions and committee chair assignments.



## EMSA



There is still time to check out EMSA before the end of the semester! Meetings are on Tuesdays at 4:30 pm at the NDSU Library, Rm. 214 A. We have lots going on...trainings, speakers, and fun! If you have not taken the time to check out EMSA yet, come to the next meeting and learn more. Contact Alec Bruns at [alec.bruns@ndsu](mailto:alec.bruns@ndsu) for more details.

### Training Offered!

On Tuesday, April 11th, Paul Lubbers will be holding ERG (HAZMAT) training during the regularly scheduled EMSA meeting. Come and learn from one our own!



### OFFICER ELECTIONS

EMSA officer elections will occur on April 18th! Students interested in learning more about the responsibilities each position entails are encouraged to speak with current EMSA president Alec Bruns. Bring your nominations to our meetings on April 4 and April 11th.

# STUDENT PROFILES



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## PAUL LUBBERS

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*Year of study:* Senior

*Internship location:*

Heartland Consultant Group, LLC Bismarck ND

*Greatest strength/capacity in EM/BC:*

“Getting to know people and work with their business / organization.”

*Favorite EM memory:* “End of class discussion and Nate telling everyone he did not read the required book for class. Also, Working with outside organization during BC class.”

*Favorite NDSU memory:* “Fire alarm at the Shack during a Bison men’s basketball game, President never uncrossed legs”

*What is your next step after graduation:* “Signed a contract with Heartland Consultant Group as an Independent Contractor.”

*Closing thoughts:* “Thank you for the knowledge that I will be sharing with my colleagues and future students.”



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## JOE HEINEN

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*Year of study:* Senior

*Internship location:*

Stearns County Emergency Management

*Greatest strength/capacity in EM/BC:*

“My biggest strength is leadership and managerial tasks. I thrive in a top down environment.”

*Favorite EM memory:* “My internship tops it all. A great shadowing experience while getting to own some projects and LOTS of work as well. Additionally, I enjoyed going to the Association of Emergency Managers Conference. This was a great networking experience and taught me a lot about what the field actually looks like.”

*What is your next step after graduation:* “I am going to flight school for the Air Force, then will be flying Remotely Piloted Aircraft for 7 years minimum.”

*Closing thoughts:* “Even though I finished the program in a quick 2 years, it has been great. I love having class with the same people every semester. Additionally, I really look forward to engaging with each other when we all have our dream jobs one day.”

# STUDENT PROFILES



**JAMES HYDE**

*Year of study:* Graduate

*Why did you decide to attend NDSU for graduate study?*

“An all-hazards approach and an emphasis on the role of the distributed function for bringing the science of EM to new frontiers.”

*What are you focusing your studies on?*

“My studies are primarily focused on natural hazards, particularly to weather. My thesis topic is on sources of uncertainty in information and communications to decision makers in hurricanes.”

*What do you hope to do with your degree?*

“My hope is to find a job that continues to support my desire to build bridges between the meteorological and EM worlds that leads to better understanding and teamwork of the two disciplines. Alternatively, I would like to use and develop geospatial technologies to provide actionable intelligence and support on the ground activities for EM's & EM partners for natural hazard events.”

*Interesting fact about you:* “I chase storms as a hobby. While I have seen a fair share of tornadoes, I find the most solace in lonely thunderstorms riding the winds of the prairie.”



**STUDENT TRIVIA**

***How well do you know the EM cohort?***

*Name our EM student(s) that...*

*...work(s) as a bartender.*

*...play(s) in an NDSU band.*

*...served in AmeriCorps.*

*...cheer(s) at NDSU sporting events.*

*...is/are from the West Coast.*

*...chase(s) storms for fun.*

*...serve(s)/served in the military reserves or National Guard.*

*...ride(s) a motorcycle.*

*...is/are married.*

*...work(s)/have worked as a first responder.*

*...foster(s) animals for a local rescue.*

*...eat(s) pizza for dinner every night.*

# FROM OUR ALUMNI

## Blake Nelson

Business Continuity Specialist  
San Diego, CA

### *EM positions held since graduation:*

“Since my time at NDSU, I’ve had several different positions. My first was as an emergency management specialist working for Hennepin County Medical Center in Minneapolis. After that first job, I moved on to KPMG where I worked an associate consultant in their Cyber Security and Business Resiliency practice. That role led me to my current job at Qualcomm as a Business Continuity and Emergency Management Specialist. “



### *One thing learned in the degree program that is being applied in practice:*

“One thing that I learned about while at NDSU was the techniques to recognize and interact with stakeholders to incorporate them in my planning efforts. Being in a business environment, I work with representatives from across the global enterprise and in varying disciplines, including those from outside our organization. Being able to interact effectively with these individuals and create buy-in for the program is a huge key to our success, whether it is with an associate or executive.”

### *What every student should do to prepare for a career in emergency management:*

“Figure out how you learn best and get in the habit of studying other subjects. My job is rapidly evolving far beyond just completing a business impact analysis. I find myself being asked to work on new areas to help create resiliency for the organization almost daily, in particular, with the areas of supply chain and information technology. A business today works within an increasingly complex environment, and to plan for the risks this presents, you have to diversify and hone new skills.”



Throwback Photos! These photos are from the NDSU Homecoming Parade in October 2011. Blake and his fellow EMSA members participated in the parade riding their very own EMSA float!

# FROM OUR ALUMNI

## Joe Savage

Regional Emergency Management Planner  
Minneapolis-St. Paul, MN

### *EM positions held since graduation:*

- 2013 - Deputy Director - Sibley County Emergency Management (South Central Minnesota)
- 2014 - Present - Regional Emergency Management Planner - Southwest Minnesota Emergency Managers' Association aka HSEM Region 5
- 2017 - Contract work - Twin Cities Public Broadcasting, Southwest Minnesota Health and Human Services



### *One thing learned in the degree program that is being applied in practice:*

"I think getting to know the history of emergency management has been valuable. It has been beneficial to be able to learn from the mistakes and successes of past events which has helped me plan for future responses/ recoveries. It has also been key in justifying certain actions or projects to my colleagues inside and out of emergency management.."

### *What every student should do to prepare for a career in emergency management:*

"Teach yourself how to learn and retain knowledge for the long-term. Be able to recall it at anytime without having to look it up. Just because you've graduated, it doesn't mean that you should stop improving yourself. Moon-walking with Einstein by Joshua Foer and Make it Stick by Peter Brown are great books on this.

Emphasize your passion for emergency management and willingness to learn. Do not give anyone a reason to assume you are arrogant because you have a degree.

You are a representative of NDSU emergency management so make sure you put your best effort into everything you do because when you do a poor job, it reflects poorly on everyone associated with the program.

Become skilled at setting yearly, quarterly, monthly, weekly, and daily goals. It is crucial for project management. Read A Guide to Tactical Planning by George Morrissey.

Try to get operational/field experience when and wherever you can. This is one of the biggest knocks we have.

Start conversations with as many people as possible at trainings/events/classes. You never know who you'll meet or what they know and when someone introduces themselves, make a conscious effort to remember their name.

Reach out to those in the field. Most are more than willing to give advice or share experiences.

Take walks, stretch, and exercise. This is a sedentary job and it can lead to health issues if you don't try to prevent them."

# IN BRIEF



The Department of Emergency Management has reconfigured its minor options. Students can now complete a minor in emergency management with the following three concentrations:

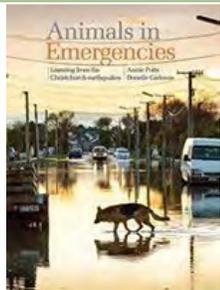
- Homeland Security
- Risk and Resilience Management
- Vulnerability and Capacity Building

The Homeland Security minor option focuses on understanding the range of threats faced by the nation including transnational and domestic terrorism, data breaches, cybersecurity issues, failing infrastructure, and natural disasters. The curriculum covers the evolution of these threats and how to develop means to counteract them.

The Risk Resilience Management minor focuses on understanding the trend of the increasing number of hazard events worldwide and their growing impacts on communities, as well as investigating options to reverse this trend. The curriculum covers how construction, engineering, urban design and planning, environmental management and community development policies interact with hazards in positive or negative ways; how to understand and assess risks in those contexts; and how building capacity to withstand disasters is a critical part of community development.

The Vulnerability and Capacity Building minor focuses on developing knowledge about human suffering caused by hazard events and how that can be reduced. The curriculum covers how the most vulnerable members of society, such as children, the elderly and the poor, are affected and how nonprofits, schools, hospitals and other organizations help people in the aftermath.

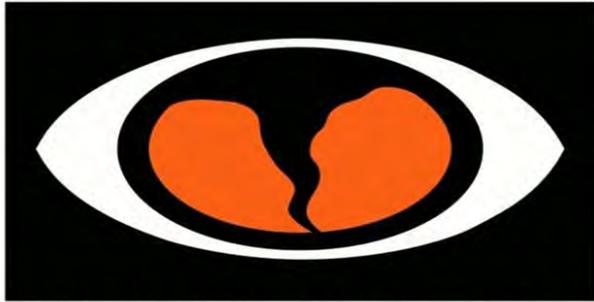
If you know anybody looking for a minor, make sure you let them know about these new and exciting options!



Need a good read? Each newsletter will feature a book of interest. The topic of animal welfare was first brought to the forefront of emergency planning and response following Hurricane Katrina. In the aftermath of the hurricane that neglected many pets and animals in New Orleans, New Zealand agencies created a national advisory group to help guide animal welfare efforts during disaster. *Animals in Emergencies: Learning from the Christchurch Earthquakes* by Annie Potts and Donelle Gadenne contributes to that effort by serving as an historical record of the rescue, shelter, and care of animals affected by the Canterbury earthquakes in 2010 and 2011.

The book looks into the specialized field of animal welfare management in disasters and reviews previous research on the topic. It also recounts the experiences and efforts of both national and local animal welfare agencies, as well as individual pet owners in the days following the earthquakes, discusses ways in which people can prepare for pets and domesticated animals such as livestock and animals in zoos, laboratories and wildlife parks and outlines issues for dealing with urban wildlife in the midst of an emergency. Overall, the book is designed to explore the human-animal bond and how it not only helps us cope in a crisis but aids in our emotional recovery.

# IN BRIEF

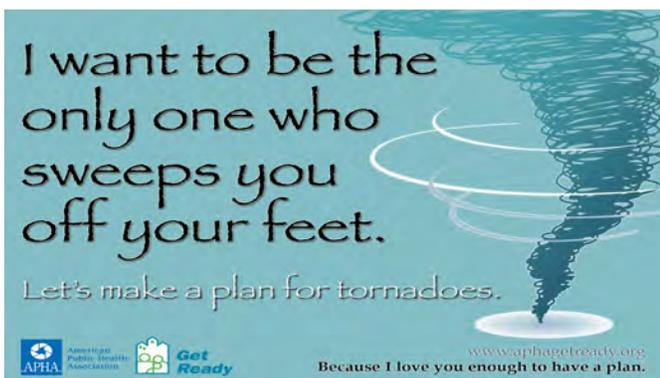


## SKYWARN

The National Weather Service is conducting SKY-WARN® training in North Dakota. SKYWARN® is a volunteer program with nearly 290,000 trained severe weather spotters. These volunteers help keep their local communities safe by providing timely and accurate reports of severe weather to the National Weather Service.

Training locations and dates can be found at: <http://www.weather.gov/bis/skytrain>. There is no need to register. Sessions last about an hour and forty-five minutes.

Attending the training can qualify you to serve as a SKYWARN® spotter, which can be an interesting volunteer opportunity. But more importantly, attending the session can help you understand a group that may be a stakeholder in your future emergency management role.



Emergency management pick up line!

### Call for Papers:

The Natural Hazards Center has opened its annual Hazards and Disasters Student Paper Competition. Submissions are due May 1st, 2017.

Papers can present current research, literature reviews, theoretical arguments, or case studies. Papers must be double-spaced and less than 25 pages, including notes, references, and tables. Authors can be either undergraduate or graduate students during the 2016-2017 school year.

One undergraduate and one graduate winner will each receive \$100, publication on the Natural Hazards Center website, mention in the Natural Hazards Center publications and news outlets, and an invitation and free admission to the Annual Natural Hazards Research and Applications Workshop in Boulder, CO.

For more information and to submit a paper, please go to: <https://hazards.colorado.edu/awards/paper-competition>.



# IN BRIEF

Doctoral student Samantha Montano successfully defended her dissertation entitled, "A Foundation for Factors that Explain Volunteer Engagement in Response and Recovery: The Case of Flooding in East Texas 2016." Her study explored volunteer engagement in both response and recovery in the case of flooding experienced by a number of East Texas communities in 2016. She traveled to Texas twice to conduct first-hand observations and interviews with 72 response and recovery volunteers and key informants. She found a list of factors that were found to explain volunteer engagement in this case that could be used to systematically test volunteer engagement in the future. As a side note, Sam now officially holds the departmental record for the longest dissertation at 242 pages! Sam is set to become the thirteenth student to earn a Ph.D. through the program. Congratulations Dr. Montano!



Dr. Daniel Klenow, professor and head of the Department of Emergency Management, visited the 9/11 Memorial during a trip to New York City in March. He took a number of pictures of the memorial including one from the museum showing a ladder truck damaged during the collapse of the World Trade Center and another of the waterfall memorial that has been built at Ground Zero. He would encourage any student visiting New York City to take the time to visit the World Trade Center site, including both the memorial and the museum.



We think it is important that all students be exposed to emergency management as they will all be part of the distributed function. One big way to increase that exposure is to encourage more students to take EMGT 101.

Our EMGT 101 students tell us that they find out about the course mostly through their friends. If you have any friends that you know might be interested, please give them a nudge! Remind them that the course counts as a general education credit in the social and behavioral sciences category.



Dr. Sarah Bundy is getting married this summer (finally!). She and her fiancé, Dave Kirkpatrick, will be tying the knot on July 15th, 2017 at a ceremony out in the lakes region of Minnesota.

