

Michael Michaud

EDUCATION

Disaster Science and Management, Ph.D. **Anticipated 2021** *University of Delaware, Newark, DE*

- Interest Areas: Weather Hazards, Education, Warnings, Risk Communication

Educational Leadership and Policy, M.Ed. **May 2016** *University of Utah, Salt Lake City, UT*

- Student Affairs Emphasis
- Capstone Topic: "Do Students Matter During a Time of Crisis? Administrator Response to Major Campus Crisis in Higher Education"
- Specialized interests in Campus Crisis, Assessment, Higher Education Finance, Social Justice

Atmospheric Science, B.S. **May 2011** *Lyndon State College, Lyndonville, VT*

- Specialized Classes: Remote Sensing, Mesoscale Meteorology, Geographic Information Systems, Risk Assessment
- Minor in Physics

PROFESSIONAL EXPERIENCE

Graduate Research Assistant August 2018 – Present *Disaster Research Center, Newark, DE*

- Conducting research under Dr. Joseph Trainor
- Reviewing and critiquing data collection efforts by the National Weather Service to improve their products for societal impacts
- Studying the impact of individuals' previous severe weather experience on current perceptions

Strategic Initiatives &

Student Success Manager March 2017 – February 2018 *Neumont College, Salt Lake City, UT*

- Developed institution-wide initiatives based on current research, best practices, and institutional data to improve student success and retention
- Conducted research to identify causes of student attrition and responded with institutional changes
- Reviewed Satisfactory Academic Process (SAP) at the end of each term and notified students in violation
- Certified completion of graduation requirements and accuracy of each academic record
- Supervised, hired, and trained a staff of 25 student Academic Coaches that work closely with faculty to tutor, grade assignments, and provide support within the classroom setting
- Adjudicated academic misconduct complaints and assigned educative sanctions when necessary
- Served as the campus Clery Act Coordinator: oversaw the publication of the Annual Security and Fire Safety Report and provide ongoing training to Campus Security Authorities

Residence Life Coordinator April 2013 – March 2017 *Neumont College, Salt Lake City, UT*

- Managed the housing program of 350 residents at five separate facilities and its \$1,500,000 budget, including apartment leases valued at \$1,000,000 annually
 - Deftly managed housing logistics of a campus relocation, including the closure of 50 apartments, opening and set up of another 65, and moving 250 students and their possessions in four days
 - Recruited, trained, and supervised a staff of six student Resident Advisors
 - Performed on-call duties on a rotational basis, including emergency response and interventions
 - Generated housing program population forecasts for use in developing the annual program budget
 - Planned and facilitated campus-wide Housing Move-In Day and New Student Orientation activities for 180 student attendees and their families
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Student Account Representative November 2011 - April 2013

Strayer University, Salt Lake City, UT

- Managed a case-load of over 700 students each quarter
- Tracked and followed up with students about remaining financial aid steps and outstanding balances
- Provided proficient customer support through in-bound calls
- Assisted students with navigating FAFSA and other financial aid applications
- Registered new and continuing students and confirmed financial aid eligibility

PUBLICATIONS

Michaud, M. S., Trainor, J. E., Philips, B., & League, C. (2020). *SEES Supplemental Report: Social, Behavioral and Economic Science Data in the National Weather Service*. Report requested by the National Weather Service.

Cavaliere, P., Cox, Z., Kendra, J., Mankins, A., Michaud, M., Nibbs, F., Popovski, V., Woody, M. (In press) A research agenda to explore the emergency operations center. *Journal of Emergency Management*.

Klepps, E., Finger, K. & Michaud, M. (2014). *Memories of Edmund Klepps: A story of war and family*. Terryville, CT: The Family of Edmund Klepps.

PRESENTATIONS

Michaud, M. S., Trainor, J. E. (2020, January). NWS service assessments: A social, behavioral, and economic science review. *15th Symposium on Societal Applications: Policy, Research and Practice*. Oral presentation during the American Meteorological Society Annual Meeting, Boston, MA.

Sherman-Morris, K., Michaud, M. S., Demuth, J. L., Friedman, J. R., Hooke, W., & Sprague-Hilderbrand, J. (2020, January). Social science and the weather enterprise: Progress and future directions. *15th Symposium on Societal Applications: Policy, Research and Practice*. Panel discussion during the American Meteorological Society Annual Meeting, Boston, MA.

Michaud, M. S. (2019, July) April 29 2017 East Texas Tornado Event. Oral presentation at the NCAR Advanced Study Program Colloquia in Boulder, CO.

Michaud, M. S. (2016, March) Do Students Matter During a Time of Crisis? Administrator Response to Major Campus Crisis in Higher Education. Poster presentation at the College of Education Student Research Fair at the University of Utah, Salt Lake City, UT.

Atkins, N. T., & Michaud, M. S. (2011, March). The Lagrange Tornado During VORTEX2. Part II: Photogrammetry Analysis of the Tornado Combined with Dual-Doppler Radar Data. Oral presentation during the Northeast Storm Conference in Taunton, MA.

Johnson, C., Michaud, M. S., & Atkins, N. T. (2011, January) Comparison of Dual-Doppler Radar Data and Photogrammetric Images of the 5 June 2009 Goshen County, Wyoming Tornado during VORTEX2. *AMS Student Conference*. Poster presentation during the American Meteorological Society Annual Meeting, Seattle, WA.

INTERNSHIP EXPERIENCE

First Year Experience Office May 2015 - August 2015 *Salt Lake Community College, Taylorsville, UT*

- Designed, presented, and defended curriculum for a first year seminar in collaboration with advisors
- Participated in and assessed first-year experience programming and activities
- Observed meetings and interactions related to leadership, advising, and department management

Research Assistant May 2010 - May 2011 *Lyndon State College, Lyndonville, VT*

- Interpreted and collected data during the 2010 VORTEX2 tornado field experiment
- Created photogrammetric analysis of atmospheric variables with Doppler Radar overlays using FORTRAN and NCAR Command Language

COMMITTEES AND LEADERSHIP EXPERIENCE

IAEM – University of Delaware Chapter Treasurer January 2019 – Present *University of Delaware, Newark, DE*

- Manage the budget, expenditures, and income for the chapter
- Plan, coordinate, and facilitate all funding raising operations for the chapter

AMS Board on Societal Impacts January 2019 – Present *American Meteorological Society*

Campus Security Committee Chair June 2016 – February 2018 *Neumont College, Salt Lake City, UT*

- Facilitated discussion between committee members and third-party security and community agencies
- Reviewed and planned annual training and practice initiatives for staff and students to meet Higher Education Opportunity Act guidelines
- Updated Annual Security & Fire Safety Report with required policies and campus crime statistics
- Continuously reviewed and updated emergency procedures and policies

Peer Leader Program Manager May 2014 - July 2016 *Neumont College, Salt Lake City, UT*

- Developed a retention-focused program to provide peer-mentorship for first-year students
- Supervise and train a staff of 6-7 Peer Leaders over the duration of the 9-month program

Peer Leader May 2008 - May 2011 *Lyndon State College, Lyndonville, VT*

Resident Assistant August 2009 - May 2011 *Lyndon State College, Lyndonville, VT*

PROFESSIONAL DEVELOPMENT

Advanced Study Program Colloquia July 2019 *National Center for Atmospheric Research, Boulder, CO*

- Two-week inter-disciplinary workshop of 25 students on Quantifying and communicating uncertainty in high-impact weather prediction

Mitigation and Insurance Workshop September 2019 *University of Delaware, Newark, DE*

- Facilitated group discussion of 6-8 participants while capturing conversational data

RECOGNITION

Service Excellence Award, **2012** *Strayer University, Salt Lake City, UT*

Gill Ford Award for Scholarship and Leadership, **2011** *Lyndon State College, Lyndonville, VT*

Alumni Council Outstanding Graduating Senior Award, **2011** *Lyndon State College, Lyndonville, VT*

PROFESSIONAL ASSOCIATION MEMEBRSHIPS

American Meteorological Society

International Association of Emergency Managers – UD Chapter