

CAMERON D. CARLSON

Curriculum Vitae

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✉ cdblson@alaska.edu

Current Top Secret (TS)
DoD security clearance

EDUCATION

PhD	Interdisciplinary Programs; Security and Disaster Management, University of Alaska Fairbanks, AK, 2017
Dissertation:	<i>Homeland Security and Emergency Management Education: An Investigation into Workforce Needs</i>
MA	International Relations, Webster University, St Louis, MO, 1995
BS	Biology, Monmouth University, Long Branch, NJ, 1986

ACADEMIC EXPERIENCE

Dean	College of Business and Security Management (2022—present)
Associate Dean	College of Business and Security Management (2021—2022)
Associate Dean Acting Director	College of Business and Security Management (2019—2021) Center for Arctic Security and Resilience (CASR) (2020—2021) Center for the Study of Security, Cyber, Hazards, Response and Preparedness (C-SSCHRP) (2013—2020)
Program Director	Homeland Security and Emergency Management Program Master of Security and Disaster Management 2017—2022 Bachelor of Security and Emergency Management 2018—2021 Bachelor of Emergency Management 2010—2018

Associate Professor	Homeland Security and Emergency Management (2021—present)
Assistant Professor	Homeland Security and Emergency Management undergraduate and graduate programs, School of Management, University of Alaska Fairbanks (2018–2021)
Affiliate Faculty	Department of Geosciences, College of Natural Sciences and Mathematics, University of Alaska Fairbanks (2020-2022)
Instructor	Homeland Security and Emergency Management undergraduate and graduate programs, School of Management, University of Alaska Fairbanks (2010–2018)
Adjunct Professor	School of Management, University of Alaska Fairbanks (2007–2010) College of Natural Sciences and Mathematics, University of Alaska Fairbanks (2009–2010)
Department Chair	Department of Military Science and Leadership (Army ROTC), College of Liberal Arts, University of Alaska Fairbanks (2003—2006)

AWARDS /HONORS /ACKNOWLEDGEMENT

Letter of Recognition	Recognized by North American Aerospace Defense Command (NORAD) /U.S. Northern Command (USNORTHCOM) for superior effort in furthering the command’s engagement strategy, for co-developing and hosting the Arctic eTalk series. (Dec, 2021)
Award /Grant Recipient	Sawtooth Software grant recipient for the use of Best Worst Scaling (BWS) and Total Unduplicated Reach and Frequency (TURF) within a new field of inquiry (homeland security and emergency management education) (2016-2018) https://www.sawtoothsoftware.com/academics/grants/grant-recipients/1885-cam-carlson
Certificate of Recognition	Governor’s Veterans Advisory Council, Fairbanks, AK, 2017 The council voted unanimously to recognize the efforts undertaken to support and assist veterans in utilizing their transfer credit toward degree attainment at UAF

Service Ribbon	Alaska State Partnership Program, AK, 2011 In recognition of distinguished service and support of the Alaska–Mongolia State Partnership Program. As a Subject Matter Expert (SME), deployed with members of the Alaska National Guard to participate in a training event with members of the Mongolian Emergency Management Agency, June 6 to 17, 2011
Military Awards	32 in total, including, Legion of Merit, Meritorious Service Medal (X3), Army Commendation Medal (X7) Joint Service Achievement Medal
Commandants List	Infantry Officer’s Basic Course, 1987
Recipient	George C. Marshall National Leadership Award, 1986
Distinguished Graduate	Distinguished Military Graduate Monmouth University, 1986
Recipient	Alden Partridge Leadership Award, Monmouth University, 1985, 1986

TEACHING EXPERIENCE (F2F, Online [asynchronous] and Hyflex [online synchronous])

HSEM	690	Security and Disaster Management (Capstone Course) (F2F/Online/Hyflex)
	695/656	Strategic Leadership (F2F/Online/Hyflex)
	613	International Disaster Management (F2F/Online/ Hyflex)
	697	Comparative Homeland Defense and Security (F2F/Online)
	493	Comparative Homeland Security (F2F/Online)
	456	Leadership in Dangerous Contexts (F2F/Online/ Hyflex)
	445	Business Continuity and Crisis Management (F2F/Online)
	407	Comparative Emergency Management (F2F/Online)
	195	Teambuilding in Public Safety (For Rural Alaska Honors Institute (RAHI) (F2F)
MBA	697	Understanding Leadership from a Global Perspective (F2F)
CS	493/680	Risk Analysis & Disaster Recovery (F2F/Hybrid)
BA	452	Internship in Emergency Management (Online)
	280	Sports Leadership (F2F)
	293	Leadership Alaska Scholars (F2F)

RECR	120	Military Physical Fitness Training (F2F)
MSL	402	Officership (F2F)
	401	Adaptive Leadership (F2F)
		Guest Lecturer to Regional Studies Program (US Army Special Warfare Center and School-1994)

GRADUATE STUDENT COMMITTEES /MENTORING

Current	Wendy Villataro, DSc., Cybersecurity (2025) Marymount University
	John Pennington, PhD., Indigenous Studies (Co-Chair) (2023) University of Alaska Fairbanks
	Troy Bouffard, PhD., Interdisciplinary Studies (Chair) (2024) University of Alaska Fairbanks
	Alec Bennett PhD., Interdisciplinary Studies (2024) University of Alaska Fairbanks
	Nicole Jacobs PhD., Natural Resources & Sustainability (Chair) (2026) University of Alaska Fairbanks
	Kelsey Nicholson PhD., Natural Resources & Sustainability (Co- Chair) (2026) University of Alaska Fairbanks
	Zach Little, MA., Geosciences-transferred to MSDM (2023) University of Alaska Fairbanks
	MSDM Capstones in progress, 6 (2022) University of Alaska Fairbanks
Completed	Catherine Chatfield, M.Ed. (2022)
	Rich Hum, PhD, Interdisciplinary Studies (2017)
	Rebecca Hatfield, MA, Professional Communications (2016)
	Chuck Kuhns, MS, Career and Technical Education (2013)
	MSDM Capstones, 50 students (complete)

RESEARCH PUBLICATIONS

Refereed Journal Articles /Book Chapters

Wishnick, E., Carlson, C., (2022 *in press*). Russian Invasion of Ukraine Freezes Russian Arctic Ambitions. *Journal of Indo-Pacific Affairs (JIPA)*, Air University Press.

Malingowski, J., Carlson, C., Kiltz, L., & Jacobs, N., (2022), Embedding Meteorologists into Emergency Operations, *Homeland Security Affairs: Pracademic Affairs, Volume II, Article 1*. www.hsaj.org/articles/21125.

McGee, S., Berry, K., & Carlson, C. (2022). Using The Balanced Scorecard To Reform University Policing: An Illustrative Example. *Contemporary Issues in Education Research (CIER)*, 15(1), 7–14. Retrieved from <https://clutejournals.com/index.php/CIER/article/view/10403>

Comiskey, J., Larrañaga, M., Carlson, C.D., (2021). Chapter 4: *Climate Security: Challenges and Opportunities for Homeland Security*. In: Masys, A.J. (eds) *Handbook of Security Science*. Springer, Cham. https://doi.org/10.1007/978-3-319-51761-2_55-1

Carlson, C. D., (2020). Homeland Security Academics Adapt to the COVID-19 Pandemic. *Journal of Security, Intelligence, and Resilience Education Volume 10. No. 18*.

Keiper, M.C., White, A., Carlson, C.D., & Lupinek, J.M., (2020). Student Perceptions on the Benefits of FlipGrid in a HyFlex Learning Environment. *Journal of Education for Business, 1-9*.

Carlson, C., Bouffard, T., & Woodward, D., (2020). Exploring a Nexus of National and Human Security: Food and Energy Challenges in the U.S. Arctic. *Journal Of Human Security, 16 (1), 30-40*.

Bouffard, T. J., Carlson, C.D., (2019). A Surface Presence for the U.S. Navy in the Arctic? *Canadian Naval Review*. Fall, no. 2.

Carlson, C., Little, J., (2019). Identifying Core Themes for an Integrated Homeland Security and Emergency Management Education Program Using a New Methodology, Best–Worst Scaling. *International Journal of Security, Preparedness, and Resilience Education (Volume 8)*.

Bader, H., Carlson, C., & Bouffard, T., (2014). Tale of two Arctics: Impact of geography affecting security and disaster response capabilities between North America and Europe. *Homeland Security Review, 8 (2), 123–145*.

Refereed Proceedings

Bouffard, T. J., Carlson, C.D., (2020). Command and Control of Northern Maritime Forces: The Concept and Rationale in Support of a JFMCC-Arctic. 2020 Homeland Defense Academic Symposium, U.S. Northern Command, Petersen Air Force Base, Colorado Springs Colorado.
<https://www.northcom.mil/Portals/28/CarlsonBouffardFinalwDisclaimer.pdf?ver=oUhBytPeIzvjouZAoXZ6Ag%3d%3d>

Comiskey, J., Larrañaga, M., Carlson, C.D., (2020). Climate Security: A Pre-Mortem Scenario Planning Approach to Homeland Defense. 2020 Homeland Defense Academic Symposium, U.S. Northern Command, Petersen Air Force Base, Colorado Springs Colorado.
<https://www.northcom.mil/Portals/28/ComiskeyLarranagaCarlsonFinalwDisclaimer.pdf>

In Review

Carlson, C., & Kiltz, L., (In Review), China's Emergence: Black Swan of the Arctic?, Chapter X., *The United States and China in the Era of Global Transformations: Geographies of Rivalry*. Edited by Salvador Santino F. Regilme Jr., Bristol University Press.

Jacobs, N., Carlson, C., Kiltz, L., & Bennett, A., (In Review), Trashing the Commons with Microplastics: Impacts On Human Security, *Journal of Human Security*, *Journal of Human Security*.

Works in Progress

Carlson, C., Kiltz, L., Lahneman, B., & McEntire, D., (In Progress), Teaching and Learning in Homeland Security and Emergency Management in a Post Covid World, target journal, *Journal of Homeland Security and Emergency Management*.

Intellectual Property Arctic Domain Security Orientation, IP #UA 465-19, Inventors, Cameron Carlson, Troy Bouffard, Sam Alexander, Rick Thoman and Peter Webley, (2019)

Other Publications/**Podcasts****Non refereed**

Carlson, C., & Wishnick, E., (2021). Polar Politics: Arctic Identities and the Great Powers. Center for Naval Analysis (CNA). CNA Talks: A National Security Podcast.
<https://cna.libsyn.com/polar-politics-arctic-identities-and-the-great-powers>

Burke, R., & Carlson, C., (2021). "Operationalizing the Arctic." *Modern War Institute*. Last Modified 13 July.
<https://mwi.usma.edu/operationalizing-the-arctic/>

Bouffard, T., & Carlson, C., (2021), U.S. View: Emerging Information Environment - Malign Potential of Russia and China., *The Watch* Volume 3, 2021, <https://thewatch-magazine.com/v3-eng/>

Bouffard, T., McGee, S., & Carlson, C., (2020), Disaster management meet King of the Monsters., *Crisis Response Journal*, Volume 15, Issue 2 2. www.crisis-response.com

Carlson, C., Easter eggs in videos can increase student engagement., UAF ITeach U, Teaching Tips., Mar, 2020. <https://iteachu.uaf.edu/easter-eggs-in-videos-can-increase-student-engagement/>

Carlson, C. Contribution to Book Chapter 12., MaxDiff in Developing Educational Disciplines (Sparse MaxDiff Analysis)., Chrzan, K., Orme, B., *Applied Maxdiff: A Practitioners Guide to Best Worst Scaling* (2019)., Sawtooth Software.

Bennett, D., Comiskey, J., Rouse, R., Carlson, C., Dion, M., Beech, R., Levy, J., McIntosh, P., Olonilua, P., & Walsh, W., Emergency Management Higher Education Program, Report from the Scholarship of Teaching and Learning Focus Group. Lessons Learned from the 2019 AERA Conference in Toronto, Canada. Federal Emergency Management Agency (FEMA), Emmitsburg, MD.
https://training.fema.gov/hiedu/docs/latest/2019_aera_lessons_learned.508.pdf

Sponsored Projects and Commissions Grants/Contracts

Pending (external)

Ongoing (external)

Arctic Security Forces Roundtable (ASFR) Support, Funded by DoD - Headquarters (HQ) North American Aerospace Defense Command (NORAD) and United States Northern Command (USNORTHCOM) (N&NC) (May, 2022), pending award (\$19,400), PI TROY BOUFFARD, CoPI CAMERON CARLSON

Completed (external)

ADSO Project, Funded by DoD - Alaskan Command (September 28, 2016 - September 27, 2021), awarded September 28, 2016 (\$483,224), Funded - Completed, Fall 2021, PI CAMERON CARLSON CoPI TROY BOUFFARD

Arctic Maritime Symposium (AMS), Funded by DoD-Alaskan Command (August 13, 2018 - August 17, 2018), awarded May 8, 2018 (\$31,570), Completed, Summer 2018, PI CAMERON CARLSON (Designated Academic Lead)

DHS Transportation and Security Administration (TSA) Associates Program Instruction, Funded by Dept Homeland Security via TSA (2012-2017) (\$436,000), PI CAMERON CARLSON

Delivery of Arctic Domain Security Orientation, Funded by DoD U.S. Alaska Command (ALCOM) (2014-2016), (\$88,000), PI CAMERON CARLSON

Arctic Collaborative Workshop (ACW), Funded by DoD -US NORTHCOM (2016) (\$20,107), PI CAMERON CARLSON

Arctic Collaborative Workshop (ACW), Funded by DoD -US NORTHCOM (2014) (\$19,493), PI CAMERON CARLSON

NW Arctic Borough School District Emergency Preparedness /Active Shooter Training and Vulnerability Assessment Overview, Funded by NW Arctic Borough School District, (2013) (\$4,988), PI CAMERON CARLSON

Arctic Domain Security Orientation Development (ADSO), Funded by DoD – Joint Task Force Alaska (2013) (\$39,999), PI CAMERON CARLSON

Fairbanks / North Pole Emergency Operations Plan Project, Funded by City of Fairbanks (2013-2014) (\$81,580), PI CAMERON CARLSON

Statewide Continuity of Operations Planning Initiative Training (COOP) Phase I and II, Funded by State of Alaska. (2012-2013) (\$232,470), PI CAMERON CARLSON, CoPI CRAIG WISEN

Completed (internal)

FY17 UA TVEP funding \$49,500, "Expansion of the BSEM Degree by Adding 2 Additional Concentration (Cyber Security Mgmt and Emergency Medical Mgmt)", Requestor CAMERON CARLSON, MARK HERRMANN

FY15 UAF Strategic Reallocation for development of Masters of Security and Disaster Management (MSDM), \$75,000, Requestor CAMERON CARLSON

FY15 UA TVEP initial funding \$85,100 HSEM "Expansion (new concentrations) for BSEM Degree", additional \$27,115 supporting curriculum development, Requestor CAMERON CARLSON, MARK HERRMANN

FY14 UA TVEP continuation funding, \$91,000, HSEM "Expansion of Bachelor of Emergency Management Program", additional \$13,138 supporting virtual classroom development, Requestor CAMERON CARLSON, MARK HERRMANN

FY13 Instructional Equipment Award, "Virtual Classroom development supporting synchronous face to face (FTF) and online delivery," \$18,000, funded by the Provost Office, Requestor CAMERON CARLSON, MARK HERRMANN

FY13 UA TVEP continuation funding, \$91,100, HSEM "Expansion of Bachelor of Emergency Management Program," Requestor CAMERON CARLSON, MARK HERRMANN

FY12 University of Alaska (UA) Technical Vocational Education Program (TVEP), funding (First-time funding) \$91,140, HSEM "Expansion of Bachelor of Emergency Management Program" Requestor CAMERON CARLSON, MARK HERRMANN

Proposed not funded

Inupiat Community of the Arctic Slope (ICAS) Mitigation Planning, Funded by ICAS, (\$94,826), PI JOHN PENNINGTON, CoPI ALEC BENNETT, CoPI CAMERON CARLSON (2022)

Emergency Management Education and Research International Partnership for the Arctic (EMERARC), Nord University, Norway (project lead), University of Alaska Fairbanks, United States, State University of Maritime Inland Shipping (SUMIS), Russia, University Center in Svalbard, (UNIS), Norway, Police University College, (PHS), Norway, Northern Arctic Federal University, (NARFU), Russia, Murmansk State Technical University, (MTSU), Russia, Fraunhofer Center, (FBC), Germany, US PI CAMERON CARLSON, CoPI ALEC BENNETT, CoPI TROY BOUFFARD, Requested amount total, \$ 105,845 (2020)

UArctic Projects Grant - Student Barents Rescue: Enhanced Educational Capabilities Through Cooperation. Primary institution—NORD University, supporting, University of Tromso, Norway, Northern Arctic Federal University, Russia, University of Alaska Fairbanks, United States, US PI CAMERON CARLSON, Laurea University of Applied Sciences, Finland, Mid Sweden University, Sweden. Requested amount total, \$75,000 (UAF amount \$11,250) (2020)

NSF International Research Experiences for Students (IRES Track 1) Global Emergency Management: Undergraduate Driven Comparative Analysis of Policies, Procedures, and Processes (GEM) PI PETER WEBLEY, CoPI CAMERON CARLSON, Requested Amount, \$298,975 #1952640 (2020)

Norwegian INTPART (International Partnership), Joint Emergency Management Education and Research through International Cooperation (EMERIC)., Primary NORD University, Admiral Makarov University of Maritime and Inland Shipping, Russia, University of Alaska Fairbanks, United States, US PI CAMERON CARLSON, Requested amount total, \$631,000 (UAF amount \$162,800) (2019)

ADAC Communicating with Vessel Master, Responders, and Remote Communities in the Arctic (Technologies) Common Operating Picture via 3D Digital Platform, PI CAMERON CARLSON, Applicant Rada Khadjinova (FUGRO tech) (UAF amount \$97,140 of \$344,210 total) (2019)

NSF Navigating the New Arctic (NNA Track 1) Adaptation Planning in Coastal Alaskan Communities PI CAMERON CARLSON, CoPI's BENJAMIN JONES, BRANDON BOYLAN, JEREMY KASPER, VLADIMIR ALEXEEV, Requested Amount, \$2,972,335 #1928176 (2019)

NSF Navigating the New Arctic (NNA Track 1) Arctic Domain Awareness: UAS network in Alaska and Arctic (UAS-A2), PI PETER, WEBLEY, CoPI's, CAMERON CARLSON, TROY BOUFFARD, JESSICA GARRON, Requested Amount, \$1,787,071 #1928258 (2019)

NSF Vulnerability Analysis & Risk Assessment of Airborne Hazards, PI PETER, WEBLEY, CoPI'S CAMERON CARLSON, MARTIN STUEFER, KARL KIM, STEVEN BUSINGER, Requested Amount, \$1,182,348 #1538823 (2015)

NSF International Collaboration on Hazard Assessment and Risk Mitigation, PI PETER, WEBLEY, CoPI CAMERON CARLSON, Requested Amount, \$74,369 #1444065 (2014)

Donor and Development Funding

Johnson Scholarship Foundation (lead) for Indigenous Peoples Programs for Business Education \$30,000—year 1 (2022)

Usibelli Coal Mine \$175,000 (2021)

- \$100,000 to endowed HSEM scholarship
- \$75,000 to Hyflex Learning Center space development

Pogo/Sumitomo Mines, \$50,000 (2015—2017)

- \$20,000 Classroom Development (2017)
Classroom construction/Automation
- \$20,000 Classroom Development (2016)
Automation/technology improvement
- \$10,000 Classroom Development (2015)
Furniture/Automation improvement

Glenna Wood Excellence in Systems Integration and Analytics (2014)

- \$25,000 Course development /automation support for Cyber Sec Management concentration

Presentations and Related Scholarly Activities

Upcoming/ Invited

Completed

Bouffard, T., Huebert, R., Carlson, C., Taylor, N., & Lajeunesse, A., moderator Dr. Benjamin Gochman, (2022, Jul). *Strategic Competition (SC) in the Arctic: Russian and Chinese Malign Influence Activities Panel*, First Annual Homeland Defense Awareness Symposium

(HDAS) United States Air Force Academy, Polaris Hall, Colorado Springs, CO.

Carlson, C., Panel Moderator and speaker., (2022, Mar). *Energy Security: Risks, Opportunities, Constraints* Panel, Advancing Collaboration in Canada - U.S. Arctic Regional Security III (ACCUSARS III) Workshop— The Eastern North American Arctic Regions., Co-hosted by: North American and Arctic Defence and Security Network, (NAADSN), Nasiffik, the Ted Steven Center for Arctic Security Studies, the Center for Arctic Security and Resilience (CASR), and the Arctic Domain Awareness Center (ADAC), via virtual Conference.

Carlson, C., Moderator, (2021, Dec) U.S. NORTHERN COMMAND and "The Watch" Command Magazine, Arctic eTalks series, Ambassador Friðrik Jónsson (Iceland), *A Conversation with Iceland: Iceland's current Chairmanship and the Upcoming Handover to Russia*. Virtual, Center for Arctic Security and Resilience (CASR).

Carlson, C., Panel Moderator and speaker, (2021, Nov). *COVID-19 and Beyond: Impacts on and Solutions for Higher Education.*, Ellis, C., Pellegrino, J., van Harte, M., & Samarya-Timm, M., 14th Annual Homeland Defense and Security Education Summit, Virtual., Center for Homeland Defense and Security, Monterey, CA.

Bouffard, T., Carlson, C., Carr, H., & Lajeunesse., A. (2021, Oct). *Strategic Competition (SC) in the Arctic: China and Russia*. Moderator, Gochman, B., 10th Annual Pacific IO & EW Symposium, U.S. Indo-Pacific Command

Bouffard, T., Carlson, C., Denson, M., & Gale, T., (2020, Dec). *Improving Arctic Capabilities* Panel, 2020 Homeland Defense Academic Symposium 2020 NORAD-NORTHCOM North America Defense and Security Academic Alliance (NADSAA) Symposium, Colorado Springs, CO.

Carlson, C., Bouffard, T., (2020, Dec). *Command and Control of Northern Maritime Forces: The Concept and Rationale in Support of a JFMCC-Arctic*. 2020 NORAD-NORTHCOM North America Defense and Security Academic Alliance (NADSAA) Symposium, Colorado Springs, CO.

Comiskey, J., Larrañaga, M., & Carlson, C., (2020, Dec). *Climate Security: A Pre-Mortem Scenario Planning Approach to Homeland Defense*. 2020 NORAD-NORTHCOM North America Defense and

Security Academic Alliance (NADSAA) Symposium, Colorado Springs, CO.

Carlson, C., & Carr, H., (2020, Nov). *Battlespace: Exploratory Review for its Relavance in the Civil-Military Lexicon*. U.S. Northern Command, Arctic Influencer Series, Virtual.

Comiskey, J., Larrañaga, M., & Carlson, C., (2020, Nov). *Climate Security: A Pre-Mortem Scenario Planning Approach to Homeland Defense.*, 13th Annual Homeland Defense and Security Education Summit, Virtual., Center for Homeland Defense and Security, Monterey, CA.

Carlson, C., Panel Moderator and speaker., (2020, Nov). *New Approaches in Homeland Security Education Delivery Methodologies and Content.*, Lane, M., Maye, D., McDonnell., & Zorri, D., 13th Annual Homeland Defense and Security Education Summit, Virtual., Center for Homeland Defense and Security, Monterey, CA.

Molnia B., Kantor, C., Webley, P., Battista, B., & Carlson, C., & Pricope, N., (2020, Nov). Keynote Address and Panel Discussion, GEOSCIENCE 2020-Hybrid Edition, 5th Symposium, Bucharest, Romania.

Lautensach, A., Carlson, C., & Lautensach, S., (2020, Sep). *Food Security in the Arctic: Prospects and Choices in the Anthropocene*, 8th World Sustainability Conference, VIRTUAL/Switzerland.

Hackerott, C., Provensio, A., Carlson, C., & Schwartz, G., (2020, Jun). *The Scholarship of Teaching and Learning in Homeland Security and Emergency Management: Preparing, Instructing and Assessing for Success in Online Courses*. 22d Annual Emergency Management Higher Education Symposium, (FEMA), Emmitsburg, MD.

Wishnik, E., Carlson, C., Sevastianov, S., Sergunin, A., Sarty, L., & Tonami, A., (April, 2021). *Regional and Global Challenges to Arctic Identities*. International Studies Association, Honolulu, HI.

Farrell, J., Thompson-Jones, M., Condit, C., Carlson, C., Aghajanian, C., Alexander, S., & Auserswald, D., (2019, Nov). *Preparing the next generation. Educating and training Arctic-minded leaders in security and science to better secure, defend, server and learn in an increasingly unpredictable Arctic*. 2d ALCOM Arctic Symposium, University of Alaska Fairbanks, AK.

Jenson, S., Jensen, S., O’Sullivan, T., Carlson, C., & Ramsay, J., (2019, Jun). *Developing a Roadmap to Professionalization in*

Homeland Security and Emergency Management. 12th Annual Homeland Defense/Security Education Summit. Naval Post Graduate School, CA.

Carlson, C. D., (2019, Jun). *China's Evolving Role Within the Arctic*. U.S. Northern Command Joint Training Education Annual Workshop (JTEAW). Panel member and presenter as part of NORAD and NORTHCOM Arctic Overview. U.S. Northern Command, Colorado Springs, CO.

Jenson, S., Jensen, S., O'Sullivan, T., Carlson, C., & Ramsay, J., (2019, Jun). *Building on Common Ground: Emergency Management and Homeland Security*. 21st Annual Emergency Management Higher Education Symposium, (FEMA), Emmitsburg, MD.

Carlson, C. D., (2019, Jun). *A Practitioner Based Assessment for Integrating Homeland Security and Emergency Management Education*. 21st Annual Emergency Management Higher Education Symposium, (FEMA), Emmitsburg, MD.

Carlson, C. D., (2018, Oct). Research Panel Moderator. *Operational Considerations in Securing the Homeland*: Dr. Bert Tussing., FEMA's National Mobilization Mission., Dr. Eric Powell., Hybrid Warfare and Multi-Domain Operations: Considerations for the Homeland Defense and Security Enterprise., Dr. Van Romero and Dr. Richard Miller., Drone Threat: Issues in Counter-Threat Application. 11th Annual Homeland Defense/Security Education Summit. University of Albany, NY.

Carlson, C. D., (2018, Oct). *A New Methodology to Identify Core Themes for Homeland Security and Emergency Management Education: Best-Worst Scaling*. 11th Annual Homeland Defense/Security Education Summit. University of Albany, NY.

Carlson, C. D., (2018, Jun). *Overview of China's Role in the Arctic*. U.S. Northern Command Joint Training Education Annual Workshop (JTEAW). Panel member and presenter as part of NORAD and NORTHCOM Arctic Efforts Overview. U.S. Northern Command, Colorado Springs, CO.

Carlson, C. D., McGee, S. E., (2018, Mar). *Leadership in the Most Difficult of Circumstances: A Perspective to Increase Your Odds of Prevailing in Mass Killing Events*. SXSWedu., Austin, TX.

Carlson, C. D., (2017, May). *Homeland security and emergency management education: An investigation into workforce needs*. Dissertation findings presented at the Boston University Healthcare Emergency Management Program's faculty retreat, Boston, MA.

Bader, H., Carlson, C. D., (2015, Sep). *Three Arctics: Shared responsibility and many challenges*. Paper presented at the 8th Annual Polar Law Symposium: Risk and Security in the Arctic: Local and National Perspectives, Fairbanks/Anchorage, AK.

Bailey, R., Carlson, C., Kimmel, M., & Rogers, M., (2015, Apr). *National Security, Response, and Resilience*. Joint Ocean Commission Initiative, Arctic Ocean Leadership Roundtable, University of Alaska Fairbanks, Fairbanks, AK.

Carlson, C. D. (2016, Sep). *U.S. Army and the Arctic*. Paper presented at the U.S. Army Alaska (USARAK) Senior Leaders Conference, Denali National Park, AK.

Carlson, C. D., & Bouffard, T., (2014, Oct). *Arctic security: Beyond homeland defense*. Paper presented at the Department of Homeland Security, FEMA, USNORTHCOM, and National Homeland Defense Foundation's 8th Annual Homeland Security and Defense Education Summit, Colorado Springs, CO.

Carlson, C.D., & Bouffard, T., (2014, Sep). DoD Arctic Security Overview. Presentation to the NATO Parliamentary Assembly—Science and Technology Committee, University of Alaska Fairbanks, Fairbanks, AK.

Carlson, C. D., (2011, Jun). U.S. Emergency Management and Response Overview to Mongolia National Emergency Management Agency (NEMA), Ulaanbaatar, Mongolia (as part of Alaska-Mongolia Partnership Program). Awarded the Alaska State Partnership Program Service Ribbon for distinguished service to the partnership program.

Carlson, C. D., (2011, Apr) Business Continuity and Continuity of Operations Planning, Healy Chamber of Commerce, Healy, AK.

Research Interests

science of teaching and learning, homeland security and emergency management education, arctic security, human security, climate security and resilience, homeland defense and security.

ACADEMIC SERVICE

Department Service

Program Director—HSEM Program
- Master of Security and Disaster Management (2017—2022)

- Bachelor of Security and Emergency Management (2018— 2021)
- Bachelor of Emergency Management (2010— 2018)

School/College Service

CBSM/CNSM, PhD. Steering Committee (2018—2022)

CBSM, Articulation Agreements Coordinator (2015—present)

CBSM, Targeted Marketing, Enrollment and Retention Lead, (2015—present)

CBSM, Strategic and Executive Management Committee (2011—present)

CBSM, Accreditation support, AACSB and NWCCU (2011—present)

CBSM, Curriculum Review Committee (2011—present)

CBSM, Scholarship Review Committee (2011—present)

CBSM, Assurance of Learning Committee (2011—present)

University Service

Committee Member

UAF, Graduate School, Interdisciplinary Council, (2021—2022)

UAA, College of Business and Public Policy (CBPP) Business Advisory Board, (2021—2022)

UAF Strategic Enrollment Planning Steering Committee, (2021—present)

UAF Distance Education Ad Hoc Committee (2019—2021)
-Distance Education Pedagogy Subcommittee
-Univ/System Distance Education Subcommittee
Co-Chair

UAF Strategic Enrollment Planning Action Planning Group, (2018—2020)

UAF Military and Veterans Outreach Committee, (2018—2020)

UA Statewide eLearning Committee, (2017—2021)

UAF Limited Submissions Research Committee, (2015—2019)

UA Statewide eLearning Strategic Pathways Review Team, (2016—2017)

Search Committee

CBSM, Student Advisor (2022)
CBSM, BBA Faculty (2022)
CBSM, Engagement Manager (2021) Chair
CBSM, Admin Coordinator (2021) Chair
CBSM, HSEM Faculty Hire for EM (2020) Chair
UAF, Admissions Counselor (2019)
CBSM, HSEM Faculty Hire for Cyber (2019) Chair
UAF, Military and Veteran’s Services Coordinator (2018)

Chapter Coordinator

Order of the Sword and Shield, Omicron Sigma Sigma, The National Honor Society for Homeland Security, Intelligence, Emergency Management, and all Protective Security Disciplines (2016—2022)

Outside Examiner

UAF, Graduate School PhD Outside Examiner, (2018—2022)

Partnership Coordinator

United States Military Academy—West Point, Center for the Study of Civil Military Operations and University of Alaska Fairbanks, June (2014—Present)

Alternate Incident Commander

University of Alaska Fairbanks, (2012—2018)

Member

Behavioral Intervention Team, University of Alaska Fairbanks, (2012—2015)

Leadership Consultant/Trainer

UAF Division I Men’s Hockey Program, (2008—2020)

Leadership Consultant/Trainer

UAF Division II Women’s Swim Program, (2009— 2010)

PUBLIC SERVICE

Member

FEMA Emergency Management Institute Thought Leadership Initiative w/RAND and McChrystal Group (2022-current)

Member	Expert Working Group—U.S. Army War College Study to Develop a Strategy for National Security Emergencies (2021-current)
Subject Matter Expert	Federal Emergency Management Agency (FEMA) Planning Practitioner Program Virtual Focus Group (2020-2022)
Consultant	Thrive Alaska, support to Active Shooter and Emergency Preparedness Planning) (2017-2020)
Member	UArctic Thematic Network, Arctic Safety and Security (2016—present)
Member	Alaska State Emergency Response Committee (SERC) for Planning, Alaska Division of Homeland Security and Emergency Management, (2011–Present)
	Alaska Partnership for Infrastructure Protection (APIP), Alaska Division of Homeland Security and Emergency Management, (2011–Present)
Member	Fairbanks Chamber of Commerce Military Affairs Committee, University of Alaska Fairbanks, (2016–2019)
Member	Fairbanks Local Emergency Planning Committee, 2007–2011
Lead Evaluator	Alaska State Emergency Coordination Center (SECC), Northern Edge Exercise, 2007

PROFESSIONAL SERVICE

Editor	Journal of Climate Security & Resilience (2019—2022)
Reviewer	Journal of Human Security & Resilience (2015—2019)
	Journal of Security, Intelligence, and Resilience Education (2018—present)
	Journal of Homeland Security and Emergency Management (JHSEM) 2018—present) ad hoc reviewer
	<u>Peer reviewed 9 articles for publication since 2015</u>

Special publication editor for Journal of Security, Intelligence, and Resilience Education 2020

Papers/Proceedings Reviewed

Book Reviewer

Lynne Rienner Publishers
1 book reviewed 2022

CRC Press, Taylor and Francis Group

1 book reviewed as of Mar, 2022
2 books reviewed since 2013

Advisory Board

Journal of Security, Intelligence, and Resilience Education (2018—present)

Journal of Human Security & Resilience (2015—2019)

Mentor

FEMA, Science of Teaching and Learning (SoTL) Focus Group. (invited participation) (2020)

Mentor

FEMA, Science of Teaching and Learning (SoTL) Focus Group. Attended American Educational Research Association (AERA) annual meeting Toronto, Canada (competitive selection) (2019)

Committee Member

International Association of Emergency Managers (IAEM), University and College Campus Strategic Planning Sub Committee, (2008–2010)

Chair

International Association of Emergency Managers (IAEM) University and College Campus Alert Notification Sub Committee, (2007–2009)

Committee Member

IAEM University and College Campus Standards Subcommittee, (2006—2008)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Disabled American Veterans (DAV)

National Defense Industrial Association (NDIA)

Interagency Arctic Policy Research Committee (IARPC)

American Educational Research Association (AERA)

International Studies Association (ISA)

Project Management Institute (PMI)
American Society for Industrial Security (ASIS)
International Association of Emergency Managers (IAEM)
Association of the United States Army (AUSA)

PROFESSIONAL DEVELOPMENT

Leadership

Diversity, Equity and Inclusion Training for Leadership, Strategic Planning for Inclusive Excellence, sponsored by University of Alaska Fairbanks Office of Equity and Compliance (2022—Ongoing)

SOM Inclusivity Training: Conversations with Students, sponsored by SOM and Nanook Diversity and Action Center, University of Alaska Fairbanks (Oct, 2020).

SOM Inclusivity Training: Socially Just Praxis: Developing an Inclusive Course, sponsored by SOM and Nanook Diversity and Action Center, University of Alaska Fairbanks (Aug, 2020).

Center for Creative Leadership, University of Alaska Leadership Program: Leading for the Future, Anchorage, AK, (Summer, 2015)

University of Alaska Fairbanks, Academic Leadership Institute (ALI), Fairbanks, AK, (Fall 2004 – Spring 2005)

Instructional

University of Alaska Fairbanks Graduate School, Chairing Graduate Committees – Principles and Practices, Fairbanks, AK, (Fall, 2020)

University of Alaska Fairbanks eCampus, Expanding Pedagogies, Innovative Courses (EPIC), Faculty Development Program, Fairbanks, AK, (Fall 2019—Spring, 2020)

University of Alaska Fairbanks, eCampus, Quality Matters Improving Your Online Course (IYOC) (Winter, 2019)

University of Alaska eLearning & Distance Education iTeach Course, Fairbanks AK, (Fall, 2014)

University and Agency Partnership Initiative, Faculty Development Workshop, Naval Postgraduate School, Center for Defense and Security, (Summer, 2011)

Professional Training Association to Advance Collegiate Schools of Business (AACSB),
Business Accreditation Seminar (June, 2022)

Federal Emergency Management Agency, Emergency Management
Institute (EMI) National Emergency Management Advanced
Academy (2021—2022)

E0451 - Advanced I: Application of Advanced Individual
Concepts in Emergency Management (October, 2021)

E0452 – Advanced II: Assessment of Teams in Professional
Emergency Management (January, 2022)

E0453 – Advanced III: Contemporary Issues in the Emergency
Management Organization (May, 2022)

E0454 – Advanced IV: Advanced Concepts and Policy in the EM
Profession (August, 2022)

Project Management Recertification, (2022)

Project Management Professional Training and Recertification, (2019)

Project Management Professional Certification, Anchorage, AK,
#2702457 (2013)

Project Management Professional (PMP) Certification Training,
Project Management Institute, (2013)

Federal Emergency Management Agency, Emergency Management
Institute (EMI) Professional Development Series, (2010)

IS 139 Exercise Design
IS 230 Fundamentals of Emergency Management
IS 235 Emergency Planning
IS 240 Leadership & Influence
IS 241 Decision Making and Problem Solving
IS 242 Effective Communication
IS 244 Developing and Managing Volunteers

Continuity of Operations Planning for Pandemic Influenza, (2009)

National Incident Management System (NIMS) (100, 200, 300, 400
levels), (2007—2010)

IS 100 Introduction to the Incident Command System (ICS)

IS 200 ICS for Single Action and Initial Action Incidents
IS 300 G300 Intermediate ICS for Expanding Incidents
IS 400 G400 Advanced ICS Command and General Staff for
Complex Incidents

State of Alaska Division of Homeland Security and Emergency
Management

Intermediate ICS for Expanding Incidents, (2009)

Texas A&M Engineering and Extension Service (TEEX)

MGT 404 Sports Events and Special Events Incident
Management, (2013)
Enhanced Incident Management Unified Command
Course, (2010)

MGT 313 Incident Management / Unified Command, June 2009
Weapons of Mass Destruction Incident Management /
Unified Command, (2009)

Department of Homeland Security

- Continuity of Operations Planning Train the Trainer Course,
University of Maryland Center for Health and Homeland
Security, (CHHS), (2008)
- Law Enforcement Intel Course (Michigan State University
Intelligence Program), (2007)

Department of Defense

- Kenan Flagler School of Business, University of North
Carolina Chapel Hill, Advanced Program in Logistics and
Technology, (2002)

U.S. Army War College, Defense Strategy Course, (1996)

U.S. Army John F. Kennedy Special Warfare Center and School
(1992-1994)

- Individual Terrorism Awareness Course (ITAC)
- Survival Resistance Escape and Evasion School (SERE) level
C (Instructor Qualified)
- Psychological Operations Course (Information Operations)
- Civil Affairs Course
- Regional Studies Course (Asia Seminar)
- Special Operations Forces Intensive Language Course
(French)

NATO Staff School

- Conventional Forces Europe Treaty Inspector/Escort Course, (2000)
- Crisis Management Course, (1999)

U.S. Army Command and General Staff College

- Command and General Staff Officers Course, (1996)
- Combined Arms Services Staff School, (1994)

U.S. Army Small Group Facilitator Training Program Course (1990)

U.S. Army Instructor Trainers Course, (1990)

U.S. Army Infantry Officer Basic and Advanced Courses, (1987, 1990)

U.S. Army Combat Intelligence Course, (1987)

U.S. Army Nuclear, Biological & Chemical (NBC) Officers Course, (1984)

U.S. Army Basic and Advanced Medic Courses /Pharmacy Technician Program, Academy of Health Sciences, (1982)

PROFESSIONAL BACKGROUND

Positions

Deputy Project Manager/Project Manager, Triple Canopy, Worldwide Personal Protective Security (WPPS) Task Order 10—High Threat Protection Program (HTPP) U.S. Embassy, Baghdad, Iraq, 2010

Director, Emergency Management, University of Alaska Statewide System, Fairbanks, Alaska, 2007— 2010

Site Lead, General Dynamics Information Technology Command, Control, Communications, Computers-Information, Surveillance & Reconnaissance (C4ISR) Training Contract, Fort Wainwright/ Joint Base Elmendorf Richardson, 2006—2007

Department Chair, Department of Military Science and Leadership, (Army ROTC), University of Alaska Fairbanks, Fairbanks, Alaska, 2003—2006

Chief, Initiatives and Plans Group, U.S. Army Forces Command Logistics Directorate - Logistics Transformation Lead, Fort McPherson, Georgia, 2002—2003, w/duty Operation Enduring Freedom (OEF)

Aide de Camp to Commanding General, U.S. Army Central Command (ARCENT)/Coalition Forces Land Component Command (CFLCC), Camp Doha, Kuwait, Qatar, and Saudi Arabia, 2000—2002 w/duty Operation Enduring Freedom (OEF), Afghanistan

Operations Officer/Director Plans, Training Mobilization and Security, Southern European Task Force, Vicenza, Italy, 1998—2000 w/duty supporting Operation Noble Anvil, Operation Allied Force, Bosnia, Kosovo

Commander/Headquarters Commandant, Headquarters Support Company, Southern European Task Force-Italy, Vicenza, Italy, 1997—1998, w/duty Operation Guardian Retrieval, Brazzaville Congo

Brigade S5 /Civil Military Operations Officer, 1st Battalion, 508th Airborne Battalion Combat Team (ABCT), Parachute Infantry, Vicenza, Italy, 1996—1997, w/duty Operation Guardian Assistance, Entebbe, Uganda/Kigali, Rwanda

S5 Operations and Plans Officer, 3rd Special Forces Group (Airborne), Fort Bragg, North Carolina, w/duty Joint Special Operations Task Force Haiti, Operation Uphold/Maintain Democracy, w/duty SMU, w/duty United Nations Mission Haiti, w/duty United Nations Mission in Haiti (UNMIH) supporting UN Peacekeeping Operations, 1994—1996

Student Officer, U.S. John F. Kennedy, Special Warfare Center & School, Fort Bragg, North Carolina, 1992—1994

Company Commander, 3rd Battalion, 32d Infantry, Platoon Trainer, Infantry Officer Basic Course, Fort Benning, Georgia, 1990—1992

Executive Officer, Support Platoon Trainer, Rifle Platoon Leader, 4th Battalion, 502d Infantry, “The Berlin Brigade”, Berlin, Federal Republic of Germany (FRG), 1987—1990

Emergency Medical Technician/Pharmacy Technician, US Army,
Patterson Army Community Hospital Ambulance Section/Emergency
Room, Fort Monmouth, New Jersey, 1981—1986