

Sean Gleason

Hampden-Sydney College

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<https://github.com/Nalaquq>

EDUCATION

Ph.D. 2017	Ohio University, School of Communication Studies <u>Emphasis</u> : Ethnographic Methods, Place and Space, Interviewing.
M.A. 2014	Ohio University, School of Communication Studies
M.A. 2013	Ohio University, Department of Political Science
B.A. 2011	Ohio University, Department of Political Science

APPOINTMENTS

2023-present	<u>Elliott Associate Professor</u> , Hampden-Sydney College
2022-present	<u>Head of Research & Development</u> , Nalaquq .
2021-2023	<u>Elliott Assistant Professor</u> , Hampden-Sydney College
2017-2021	<u>Assistant Professor</u> , Hampden-Sydney College.
2013-2017	<u>Graduate Teaching Assistant</u> , School of Communication Studies, Ohio University.

VOLUNTEER APPOINTMENTS

2025-present	<u>Trainer, EMT, & UAS Pilot</u> , Quinhagak Search and Rescue
2026-present	<u>Grant Writer</u> , Quinhagak Heritage Incorporated
2025-present	<u>Emergency Medical Technician</u> , Prince Edward County Volunteer Rescue Service.
2023-2025	<u>Treasurer</u> , Quinhagak Heritage Incorporated .

RESEARCH & TEACHING INTERESTS

Indigenous Co-Production, Ethnographic Field Methods, Geographic Information Systems, Community-Based Training, Circumpolar Research, Remote Sensing, Unpiloted Aerial Systems.

PUBLICATIONS

* Supervised Graduate Student or Postdoc

** Supervised Undergraduate Student

*** Yup'ik Researcher

Kassama, S*; Hunter, G***.; Friedrichsen, C.N.; **Gleason, S.**; Whippo, C.W.; Gyeabour**, G.K.; Church***, L.M.; Fischel, M.H.H.; Pisarello, K.; Igathinathane, C.; et al. Weaving Together Ecological Data with Indigenous Knowledge to Model Environmental Factors Impacting *Rubus chamaemorus* Productivity in Southwest Alaska. *Remote Sens.* **2026**, *18*, 1939.
<https://doi.org/10.3390/rs18121939>

Friedrichsen, C. N., Church, L.*** M., Cleveland, J***., **Gleason, S.**, Kassama, S., Church, M***.,

- Church, W***, Mathew, F.***, Bavilla, M.***, Hill, G., Merrit, E., Jones, W***, Hunter, G***, Mark, L***, Hunter, J***, Mark, D.***, Roberts, M.***, Roberts, M.***, Beebe, C.***, & Mark, J.***. Atsalugpiaq awareness: Food agency of cloudberry subsistence to support Indigenous food sovereignty. 2026. *Journal of Agriculture, Food Systems and Community Development*.
<https://www.foodsystemsjournal.org/index.php/fsj/article/view/1513>
- Sean Gleason**, Lynn Marie Church***, and Warren Jones***, “Solutions Not Studies: Tensions and Suggestions for Arctic Co-Produced Research.” In Karla Bird, Suchitra Gururaj, Sara Moore, Andrea Robles, and Cindy Vincent Claar [Eds.]. (2026) *Exploring Equitable Community-Campus Relationships*. Routledge: New York.
- Rick Knecht, Warren Jones, Charlotta Hillerdal, Lynn Marie Church***, Anna Mossolova, Jonathan Lim**, Alice Watterson, and **Sean Gleason**. In it for the Long Haul: Community-Based Archaeology and Heritage in Quinhagak, Alaska. In Dillian, Carolyn D., Katie Stringer Clary, and Charles A. Bello [Eds.] (2026) *Collaborative and Community-Engaged Archaeology*. University Press of Florida, Gainesville.
- Jake Euteneneur, Miranda Rouse, **Sean Gleason**, Shawn Shooling.” Multimodal Collaboration in the Rhetoric Studio at Hampden-Sydney College” in Multimodal Writing Centers and Studios: Profiles of Practice. Utah State University Press 2026.
- Sean Gleason**, Jonathan Lim*, Rick Knecht, Charlotta Hillerdale, Warren Jones, Edouard Lynn Church***, and Alice Watterson. “Nalaquq (“It is Found”): A Knowledge Co-Production Framework for Environmental Sensing and Communication in Indigenous Circumpolar Communities.” *The Journal of Computer-Mediated Communication* (2023).
<https://academic.oup.com/jcmc/article/28/5/zmad030/7248802>.
- Jonathan S. Lim*, **Sean Gleason**, Hannah Strehlau, Carl Nicolai Jr.***, Lynn Church***, Willard Church***, Warren Jones***. Alaska Native Allotments at Risk: Technological Strategies for Monitoring Erosion and Informing Solutions in Southwest Alaska. *Land*. (Jan 2023). DOI: <https://doi.org/10.3390/land12010248>
- Gleason, Sean**, Jonathan Lim*, Daniel Marsden**, Joe Pleasant***, and Willard Church***, Warren Jones***. Yuuyaraq Today, Yuuyaraq Tomorrow: Modeling Coastal Changes to Yup’ik Traditional Land Use Areas (TLUAs). *The Journal of Maps*. (Dec 2022). DOI: <https://doi.org/10.1080/17445647.2022.2146539> ([Open Access](#))
- Knecht, Rick, **Sean Gleason**, Jonathan Lim*, and Daniel Marsden**. RUS-44, Aniak Site Report. FAA White Paper. (2022). FAA Whitepaper submitted on behalf of the Aniak Traditional Council.
- Lim, Jonathan*, **Sean Gleason**, Meta Williams***(**), Gonzalo J. Linares Matas, Daniel Marsden**, and Warren Jones***. UAV-based Remote Sensing for Managing Native Alaskan Heritage Landscapes in the Yukon-Kuskokwim Delta. *Remote Sensing*. Remote Sensing. (February 2022). DOI:10.3390/rs14030728 ([Open Access](#))
- Lim, Jonathan*, **Sean Gleason**, Warren Jones***, and Willard Church***. “Nuna Nalluyuituq (The Land Remembers): Remembering landscapes and refining methodologies through community-based remote sensing in Southwest Alaska.” *Archeological Prospection*. (July 2021): 1-17. DOI: [10.1002/arp.1840](https://doi.org/10.1002/arp.1840). ([Open Access](#))
- Smith, John*** and **Sean Gleason**. “Knowledge was Like Food”: *Qaunruiyutet* About Change and Subsistence From John Smith.” *Text and Performance Quarterly*. (May 2021): DOI: [10.1080/10462937.2021.1916583](https://doi.org/10.1080/10462937.2021.1916583)
- N.B.** John Smith is a Yup’ik Elder from Hooper Bay, Alaska. His *Qanruiyutet* (trans., wise words) found the basis of this article.

- Gleason, Sean.** “The Great Migration of Whys.” *Departures in Critical Qualitative Research*, 8, no. 1 (2019): 17-24. DOI: 10.1525/dcqr.2019.8.1.17
- Gleason, Sean.** “Appalachian Affects: Fieldwork as Material Ecology” *Cultural Studies ⇔ Critical Methodologies*, (June 2019). DOI: 10.1177/1532708619863454
- Gleason, Sean.** “Freedom’s Call: Wright Patterson Air Force Base, June 2010” *Departures in Critical Qualitative Research*, 6, no. 2 (2017): 71-72. DOI: 10.1525/dcqr.2017.6.2.76
- Broderick, Michael and **Sean Gleason.** “We Kill Our Own: Toward a Material Ecology of Farm Life.” *Text and Performance Quarterly* 36, no. 4 (2016). <http://dx.doi.org/10.1080/10462937.2016.1230677>
- Gleason, Sean.** “Technology and the Not-So-Stable Body: ‘Being There’ in the Cyborg’s Dilemma.” *Journal of Virtual Worlds Research* 9, no. 2 (2016): 1-15. doi: <http://dx.doi.org/10.4101/jvwr.v9i2.7210>
- Gleason, Sean.** “Trashing Home.” In *Stories of Home: Place, Identity, Exile*. Edited by Devika Chawla and Stacy Holman Jones, 149-58. Lanham, MD: Lexington Press, 2015.

IN-PROGRESS RESEARCH & WRITING

- * Supervised Graduate Student
- ** Supervised Undergraduate Student
- *** Yup’ik Researcher

- Verma, S., Friedrichsen, C. N., Kassama, S., Church***, L. M., Bukowski, M. R., Jones, W.***, **Gleason, S.**, Hunter, G.***, Cleveland, J***, White, M., Mark, J., Ahsin, M., Carbonell-Herrera, M., Evans, T., Xi, Y., van Orman, C., & van Vliet, S.. *Characterization of Atsalugpiaq (Rubus chamaemorus) indicates high levels of minerals and phytochemical antioxidants. Manuscript in production.*
- Sean Gleason**, Seth Spickard**, and Lynn Marie Church***, DINOcut: Producing Synthetic Datasets for Real-Time Social Media Analysis with Transformer-based Zero Shot Detection. (**Manuscript in preparation**).
- Sean Gleason**, Jonathan Lim*, Daniel Marsden**, and Warren Jones***. **One-Class YOLO Convolutional Neural Networks for Small Marine Vessel Detection and Search & Rescue in the Y-K Delta. (Manuscript in preparation).**
- Jonathan Lim*, Gonzalo Linares Matas, Rachel Smith, **Sean Gleason**, Lynn Marie Church***. Cloud-Based Geospatial Services for Building Capacity and Safeguarding Heritage in Climatically Marginal Landscapes. *The Journal of Cultural Heritage*. Preprint available: <https://www.qeios.com/read/9V8NM8>

GRANTS & CONTRACTS

Major Awards

2025 Alaska Venture Fund, Community-Based Training for Unmanned Aerial Systems Operations. \$56,000. PI. Funding awarded by AVF to design and implement hands-on, experiential training for Yup’ik UAS pilots. Course content will cover Search and Rescue operations, UAS-based mapping, and the FAA part 107 exam. In this capacity, I will work with local SAR operators to combine traditional knowledge about Indigenous landscapes with best practices for UAS deployment across rural Alaska.

2025-2026 National Science Foundation SCC-CIVIC-FA Track A, \$700,000. Co-PI. “Dynamic Modeling of Alaskan Riverine Ecosystem Stability to Improve Yup’ik Cultural Resiliency.” This interdisciplinary project pilots a co-produced geospatial model to assess river

avulsion and salmon habitat shifts in Quinhagak, Alaska. It integrates remote sensing, geomorphology, and traditional knowledge to create actionable environmental risk models for Alaska Native communities. As Co-PI, I will oversee field implementation, training modules, and the design of scalable community-based workflows. The project is a collaboration between Nalaquq, LLC and the University of Arkansas's Center for Advanced Spatial Technologies.

2025-2027 DOT SMART Grant (Phase 2), \$12,400,000. Key Staff. Funds

requested on behalf of the Alaska Department of Transportation for Phase 2 funding of the ARROW project to equip rural Alaskan villages with UAS (i.e., drone) platforms for emergency disaster response. I will join as a community facilitator responsible for coproducing workflows, training, and data visualizations that are accessible and scalable to others rural Alaskan communities.

2024-2027 Backyard Buoys Program, \$289,579. PI. Funding was awarded as part of an NSF sub-award (Award: [2230479](#)) for a 5-year project to install a buoy-based sensor network to communicate weather/wave conditions for 5 Yup'ik communities between Quinhagak and Goodnews Bay, AK. Media Coverage by KYUK ([URL](#)). As PI, I oversee project implementation in Quinhagak, and am working to produce real-time dashboards for the community.

2024-2027 AOOS Subaward, \$153,000. PI. "Unpiloted Aerial System (UAS) Stock Assessment of Salmon Species along local Yup'ik waterways for Commercial, Sport, and Subsistence Fishing." Phase 2 funding secured for 2025-2027 community-based training so that Yupiit located in rural Alaskan villages, can conduct UAS surveys for Salmon stock assessment. Media Coverage by AOOS ([URL](#)).

2024 USDOT Smart Grant, \$1,900,000. Key Staff. "[Alaska Rural Remote Operations Work Plan \(ARROW\)](#)." Funds awarded to the Alaska Department of Transportation's Remote Sensing Lab to develop UAS-based remote sensing workflows for rural Alaskan villages. As part of this project, I attended in-person trainings and helped devise a remote sensing workflow for the village of Quinhagak, AK. Thus far, Quinhagak has received over \$60,000 worth of equipment through this grant, and I have trained three local Search and Rescue team members on the deployment of thermal UAS (drones) for emergency response and mapping.

2024 NSF CIVIC Challenge Grant, \$75,000. Key Staff. Funds awarded for a joint phase 1 remote sensing project on the Qanirtuuq River. This grant is a collaborative venture between Nalaquq, LLC, and the University of Arkansas' Center for Advanced Spatial Technologies (CAST).

2024 USDA-ARS Grant, \$50,000. Co-PI. "Community-led Monitoring and Management of Climate Resilient Indigenous Wild Edible Plants in Alaska." Funds awarded to cover equipment, local labor, and salaries for an ongoing USDA project aimed at combining Yup'ik knowledge about Salmonberries with remote sensing data to assess plant health and cultural importance in an era of climate change. Documentary [URL](#)

2023 NOAA/AOOS Subaward, \$43,964. Co-PI. "Unpiloted Aerial Systems (UAS) Stock Assessment of Salmon Species Along the Kanektok (var. Qanirtuuq) River" (Award: H0035-05).

2023 IMLS Native American/Native Hawaiian Museum Services, \$100,000. PI. "The Nunalleq Digital Museum Guide" Funding requested on behalf of The Native Village of Kwinhagak (NVK), Nalaquq LLC, and Quinhagak Heritage Incorporated (QHI) to design an interactive digital museum guide for the Nunalleq Museum in Quinhagak, AK. (Award:

[MN-253080-OMS-23\)](#)

Minor Awards and Contract

2026 Woodwell UAS Training Course, Contract Secured for Nalaquq, LLC. \$8,400. For training 4 Yup'ik UAS technicians and two non-Yup'ik researchers on the use of NDAA-compliant aircraft and ESRI ArcGIS Online for documenting coastal erosion, hazard mitigation, and emergency response. Lead Instructor.

2025 Summer Research Grant, Hampden-Sydney College, \$3,000. For survey and ethnographic work completed alongside an undergraduate research project for the 2024 field season in Quinhagak, Alaska.

2025 Microsoft Azure Non-Profit Grant, \$2,000. Funding was awarded to pay for cloud-based servers and computing for Quinhagak Heritage Incorporated.

2024 Western Alaska Seafoods Program. \$1000. Gap funding was requested to extend AOOS-funded fish counts for the 2024 Salmon run.

2024 Summer Research Grant, Hampden-Sydney College, \$3,000. For survey and ethnographic work completed alongside an undergraduate research project for the 2024 field season in Quinhagak, Alaska.

2024 Microsoft Azure Non-Profit Grant, \$2,000. Funding was awarded to pay for cloud-based servers and computing for Quinhagak Heritage Incorporated.

2023 CVRF Discretionary Fund, \$5,000. Co-PI. “2023 Quinhagak SAR Course.” Funding was secured to cover travel and supplies for a Dec 2023 SAR course on integrating GIS into Search and Rescue Operations for the Yup'ik villages of Quinhagak, Eek, Platinum, Kong, and Tunt.

2023 AVCP Training and Workforce Development Plan \$18,000. Co-PI. “2023 Quinhagak SAR Course.” Funding was secured to bring experienced Yup'ik SAR operators from the surrounding communities to test different UAS aircraft and GPS sensors in conjunction with the Alaska Department of Transportation's Arrow Initiative.

2023 Summer Research Grant, Hampden-Sydney College, \$3,000. For survey and ethnographic work completed alongside an undergraduate research project for the 2023 field season in Quinhagak, Alaska.

2023 Microsoft Azure Non-Profit Grant, \$3,500. Funding was awarded to pay for Azure servers and APIs for the Quinhagak Search & Rescue Team.

2023 Microsoft Azure Non-Profit Grant, \$3,500. Funding was awarded to pay for cloud-based servers and computing for Quinhagak Heritage Incorporated.

2023 Alaska Seafood Western Alaska Grants, \$1,000. Funding was awarded on behalf of Nalaquq Inc and Qanirtuuq Inc to develop a SAR kit for marine vessel operations that combines portable FLIR sensors, UAVs, and handheld GPS units. \$7500 was requested and \$1000 was awarded.

2022 Qanirtuuq, Inc Mapping Grant, \$1,500. Funding to cover travel, logistics, and sensor

equipment for mapping along the Qanirtuuq (var. Kanektok) river during July of 2022.

2022 Quinhagak Heritage Incorporated Grant, \$6,500. Funding was awarded for the purchase of a differential GNSS unit and photogrammetry sensor.

2022 Bortz Award. \$10,000. Hampden-Sydney College. For the purchase of UAV and remote sensing equipment for research conducted in Quinhagak, AK.

2021 Summer Research Grant, Hampden-Sydney College, \$6,000. For survey and ethnographic work completed alongside an undergraduate research project for the 2020 field season in Quinhagak, Alaska.

2021 Quinhagak Heritage Incorporated (QHI) Grant, \$6,000. (QHI is a subsidiary of the Alaskan Native Village Corporation of Qanirtuuq Inc.) Funding was awarded to construct a database of over 200 Yup'ik subsistence sites with Jonathan Lim of Oxford University.

2020 Summer Research Grant, Hampden-Sydney College, \$6,000. For survey and ethnographic work completed alongside an undergraduate research project for the 2020 field season in Quinhagak Alaska. Unfortunately, these funds were not expended due to the 2020 Covid-19 outbreak.

2019 Mednick Fellows Program, Virginia Foundation of Independent Colleges, 2,000\$ (For survey and ethnographic work completed during the 2019 field season in Quinhagak, Alaska)

2019 Summer Research Grant, Hampden-Sydney College, 3,000\$. (For survey and ethnographic work completed during the 2019 field season in Quinhagak, Alaska).

2018 Summer Research Grant, Hampden-Sydney College, 3,000\$. (Used to conduct fieldwork at Nunalleq, a pre-contact Yup'ik site located in the Yukon-Kuskokwim Delta.)

Under Review

2026 Department of Defense Think Ticket Grant, \$350,000. PI. *“Scalable Solutions: Co-Produced Remote Sensing and Archaeology for Battlefield Recoveries in Peleliu.”* This two-year project develops a scalable co-production framework to assist DPAA with WWII-era battlefield recoveries on Peleliu Island through remote sensing, archaeological excavation, and UXO detection. The initiative combines local traditional knowledge with modern technologies to train a community-based workforce capable of supporting DPAA missions across the Pacific Theater. As PI, I will oversee field-based training, curriculum development, and technical translation between DPAA priorities and local stakeholder concerns. [invited resubmission]

2026 NFK ART Track 1: ACT: Building Rural Research Innovation through Development, Growth, and Entrepreneurship, 3,000,000. Co-PI. Funds requested to establish a rural research translation ecosystem in Southside and Southwest Virginia.

In Preparation

2026 NEH Public Humanities Grant, \$75,000. Co-PI. Funds requested to plan a traveling exhibit for the Nunalleq Archaeological Collection that will tour Yup'ik villages in the

Yukon-Kuskokwim Delta.

Rejected Applications

2025 NSF RISE - R2I2: Resilience Incubators \$500,000. Subaward Co-PI. Alaskan Resilience through Convergence science within Tribally led Innovation Centers (ARCTIC). Phase 1 Planning grant to develop tribally led innovation centers focusing on earth systems science and geographical information systems.

2025 Department of Defense Think Ticket Grant, \$2,964,565. Co-PI. “*Scalable Solutions: Co-Produced Remote Sensing and Archaeology for Battlefield Recoveries in Peleliu.*” This two-year project develops a scalable co-production framework to assist DPAA with WWII-era battlefield recoveries on Peleliu Island through remote sensing, archaeological excavation, and UXO detection. The initiative combines local traditional knowledge with modern technologies to train a community-based workforce capable of supporting DPAA missions across the Pacific Theater. As PI, I will oversee field-based training, curriculum development, and technical translation between DPAA priorities and local stakeholder concerns. We have been invited to resubmit a proposal for the 2026 funding cycle.

2025 NEH Public Humanities Grant, \$75,000. Co-PI. Funds requested to plan a traveling exhibit for the Nunalleq Archaeological Collection that will tour Yup’ik villages in the Yukon-Kuskokwim Delta.

2024 NOAA NOI: Effects of Sea Level Rise. \$500,000 Co-PI. Funds requested by an interdisciplinary team of researchers to model changes to the Qanirtuuq River as a result of climate change.

2024 NEH Public Humanities Grant, \$75,000. Co-PI. Funds requested to plan a traveling exhibit for the Nunalleq Archaeological Collection that will tour Yup’ik villages in the Yukon-Kuskokwim Delta.

2023 Saltonstall-Kennedy NOAA fisheries Grant, \$299,999. “Unpiloted Aerial Vehicle (UAV) Stock Assessment of Salmonid Species along the Kanektok (Qanirtuuq) River for Commercial, Sport, and Subsistence Fishing.” Funding was requested on behalf of Qanirtuuq, Inc to integrate the use of UAVs and optical sensors to count salmonid species along the Qanirtuuq (var. Kanektok) river.

2021 E4J Climate Grant \$213,889.00. Hampden-Sydney College, Qanirtuuq Inc., Quinhagak Heritage Incorporated. I wrote and developed our project proposal, *Yuyyaraq for the Future*, which was submitted on November 11th, 2021. See: <https://arcg.is/0DK8f8>.

OPEN-SOURCE SOFTWARE & PUBLIC OUTREACH

The Nunalleq Digital Museum Guide: <https://www.nunalleq.org/>

Sean Gleason. DINOcut: A Synthetic Data Generation Pipeline for Real-Time Object Detection. 2024. Codebase: <https://github.com/Nalaguq/DINOcut>

PUBLIC SCHOLARSHIP, MEDIA, AND INVITED LECTURES

Sean Gleason, “Co-Produced Remote Sensing: 3 Lessons.” Keynote lecture given to approximately 500 high school students at the 2026 Virginia Junior Academy of Science conference hosted at Hampden-Sydney College. May 2026.

Alena Naiden, “Buoy Project Credited With Making Fishing Safer in Western Alaska and Helping Hunters Land Whales.” Alaska Public Media. Interviewed. (link: <https://www.knba.org/news/2025-12-09/buoy-project-credited-with-making-fishing-safer-in-western-alaska-and-helping-hunters-land-whales>)

Sean Gleason, Nalaquq: Indigenous co-production and community-based remote sensing with Alaskan Native Communities” Binghamton University Seminar Series, “Changing Environments” Colloquia. Binghamton University. October, 2025.

Evan Erikson, Technology Supports Tradition in Quinhagak Buoy Project,” KYUK Media. 2025. URL: <https://www.kyuk.org/public-safety/2025-05-23/technology-supports-tradition-in-quinhagak-ocean-buoy-project>

Alice Bailey, “Watching Salmon From the Sky: Integrating Traditional Knowledge and Drone Technology in the YK Delta” Press Release. AOOS. 2024. Url: <https://aoos.org/watching-salmon-from-the-sky-integrating-traditional-knowledge-and-drone-technology-on-the-yk-delta/>

Ryan Marlow, “USDOT ARROW/SOAR Landing Page,” Press Release. Alaskan Department of Transportation. 2024. Url: <https://arrow-program-overview-arrowak.hub.arcgis.com/>

Zachariah Hughes, “Archaeology project in Quinhagak is about the future as much as the past,” KYUK. September 2023, <https://www.adn.com/alaska-news/rural-alaska/2023/09/16/archaeology-project-in-quinhagak-is-about-the-future-as-much-as-the-past/> (Interviewed)

Sean Gleason, “Nuna Nalluyuituq (The Land Remembers): [Combining ethnographic inquiry and remote sensing to study traditional Yup’ik subsistence in the Yukon-Kuskokwim Delta](#)” CRC Bi-Weekly Colloquia. Kiel University. November, 8 2021.

Sean Gleason & Jonathan Lim, UAV Photogrammetry Summer Research Workshop. Hampden-Sydney College. June 2022.

Jonathan Lim, Sean Gleason, and Daniel Marsden, “[The Land Remembers](#).” TORCH Heritage Program. Oxford University. ([Link](#))

Gleason, Sean. “Introduction to ArcGIS and the ArcGIS online Ecosystem.” Workshop developed in conjunction with Hampden-Sydney’s 2020-2021 Teaching and Learning Cohort (April 2021).

Gleason, Sean. “Surveying with RTK and Differential GPS Units.” Workshop developed in conjunction with Hampden-Sydney’s 2020-2021 Teaching and Learning Cohort (April 2021).

Gleason, Sean. “Twitter Sentiment Analysis and COVID-19.” Lecture Presented in Conjunction with Abby Horne and Mike Wolyniak’s freshman honors course on COVID-19 (Nov

& Dec 2020).

Gleason, Sean. "Public Memory, Memorials, and Maya Lin." Lecture and virtual town hall presented on behalf of Virginia Commonwealth University's Pathways Program. July 2020.

Gleason, Sean. "The Power of Rhetoric." Interview published by Hampden Sydney College. February, 2020. [Link](#).

Gleason, Sean. "Vernacular Architecture in Precontact Yup'ik Settlements." Lecture presented for an undergraduate course on Vernacular architecture. Hampden Sydney College, April 2020.

Gleason, Sean. "An Introduction to ArcGIS." Workshop prepared on behalf of Hampden-Sydney's 2020 Teaching and Learning Cohort, Hampden-Sydney College, March 2020.

Gleason, Sean. "Principles of Public Speaking." Lecture presented for English Capstone course. Hampden-Sydney College, October, 2019.

Gleason, Sean. "The Memory Palace." Lecture presented for Rhetoric Studio Faculty Workshop. Rhetoric Program. Hampden-Sydney College, September, 2019.

Gleason, Sean. "Ethnography, Oral History, and Material Culture in the Y-K Delta." Lecture presented for Honors Program Faculty Spotlight. Honors Program. Hampden-Sydney College. April, 2019.

Gleason, Sean. "Using Gephi for Exploratory Data Viz and Network Analysis." Lecture presented for the Bortz Library Technology Lecture Series. Hampden-Sydney College. March, 2019.

Gleason, Sean. "Critical Ethnography and Oral History in the Y-K Delta." Lecture presented for Rhetoric Capstone course on research methods. Rhetoric Program. Hampden-Sydney College. December, 2018.

Gleason, Sean. "Graphic Design and Poster Presentations." Lecture presented for English Capstone course on metaphysical detective fiction. English Department. Hampden-Sydney College. April, 2018.

Gleason, Sean. "Tracing Material Ecologies in Food Systems." Lecture presented for the undergraduate course "Food and Communication." School of Communication Studies, James Madison University, February 2017. (invited to discuss a recently published essay with Michael Broderick in *Text and Performance Quarterly*)

Gleason, Sean. "Dwelling and Environmental Activism in the Ohio River Valley." Lecture presented for the School of Communication Studies Fall Colloquium Series. Ohio University. November 16, 2016.

Gleason, Sean. "Freedom's Call." Performance presented for the undergraduate capstone performance course, "Performance Studies," School of Communication Studies, Ohio University, November 2016. (invited performer)

Gleason, Sean. "Place, Space, and Politics: The Rhetorical Landscape of the 2016 Presidential

Election” Political Communication Spotlight Panel. School of Communication Studies. Ohio University. October 25, 2016. (invited panelist)

Gleason, Sean. Interview with Annie Warmke. “Sustainable Architecture.” *Conversations from Studio B*, WOUB (NPR Affiliate), September 28, 2016.

Gleason, Sean. “So You’re New to COMS: Adjusting to Graduate School,” Lecture presented at the annual meeting of the Teacher Training Academy, School of Communication Studies, Ohio University, August, 2016. (invited presentation)

Gleason, Sean. “Teaching for First Year Graduate Students,” Lecture presented at the annual meeting of the Teacher Training Academy, School of Communication Studies, Ohio University, August 2015. (invited presentation)

Gleason, Sean. “Thomas Hobbes’ *Leviathan*: State of Nature and Social Critique,” Lecture presented for the Political Science course, “Social Contract Theory,” Ohio University, April 2012. (invited lecture)

PARTICIPATION IN ACADEMIC MEETINGS

Papers & Conference Proceedings

Lynn Marie Church and **Sean Gleason**, “Nalaquq: Co-Production in the Y-K Delta.” 2026 Western Alaska Interdisciplinary Science Conference. Bethel, AK. April, 2026.

Sean Gleason and Lynn Marie Church, “Co-Production & Sensor Networks: A Case Study from Quinhagak,” Micro Arctic Climate Simulations Conference. Arhaus, Denmark. April 2026 (Virtual Presentation).

Sean Gleason and Lynn Marie Church. “Nalquq: Collaborative Heritage Landscape Surveys and Spatial Technology with Alaskan Native Communities.” Micro Arctic Climate Simulations Conference. University of Cambridge. September 2025.

Yup’ik-driven solutions to climate resilience of *Atsalugpiaq* (*Rubus chamaemorus*) Sire Kassama, Jacki Cleveland***, Lynn Marie Church***, Claire Friedrichsen, **Sean Gleason**, Jonathon Mark***, Grace Hunter***, and Margaret White***, Yup’ik driven solutions to climate resilience of *Atsalugpiaq* (*Rubus chamaemorus*). 2025 [Alaska Food Festival Conference](#), Kodiak Alaska.

Sean Gleason and Lynn Marie Church, “Unpiloted Aerial Vehicle (UAS) Stock Assessment of Salmon Species along Yup’ik River Systems,” Alaskan Marine Symposium, January 2025, Anchorage Alaska (invited presentation).

Carla Khlem, **Sean Gleason**, Lynn Marie Church, Jonathan Lim, Jackson Cothren, Warren Jones, and John Shaw, and Taylor Hermes. “Dynamic modeling of Alaskan riverine ecosystem stability to improve Yup’ik cultural resiliency.” NSF: CIVIC Forum. October 2024. Washington, DC.

Sean Gleason. “From Salmon to Salmon Berries: Collective Action Problems and Co-production in the Y-K Delta.” Paper presented at 2024 Markets and Society Conference. October 2024.

Washington, DC.

Sean Gleason and Lynn Marie Church, “Nalaquq / “It is found”: Collaborative Remote Sensing in the Yukon-Kuskokwim Delta.” Presentation and workshop for the Defense Personnel Accounting Agencies (DPAA) 2024 Innovation Forum. “Detection Without Disturbance: Application of Aerial Remote Sensing Technologies for Locating and Characterizing Missing in Action Loss Sites.” Organized by the Henry M. Jackson Foundation. August 27-September 1, Honolulu, HI.

Jonathan Lim, **Sean Gleason**, and Lynn Marie Church, Nalaquq / “It is found”: Collaborative Heritage Landscape Survey and Spatial Technology with Alaska Native Communities, sponsored by the Society for American Archaeology, April 2024, New Orleans, LA.

Lynn Marie Church, Rick Knecht, Warren Jones and **Sean Gleason**, The Nunalleq Project: Yup’ik Heritage and Community-Based Archaeology in Quinhagak, Alaska, sponsored by the Society for American Archaeology, April 2024, New Orleans, LA.

Sean Gleason, “Community-based citizen science for Yuuyaraq & Climate change in Quinhagak, AK.” 2022 panel, From Mountains to Oceans, From Windward to Leeward”: Indigenous Practices of Centering Place in PLACE” sponsored by the NCA Vice President and the Indigenous Caucus, November 2022, New Orleans, LA.

Sean Gleason. “Three Beats, Three Drums.” Paper presented as part of the Critical Cultural Studies Division, National Communication Association (NCA), November 2020, Indianapolis, IN.

Sean Gleason. ““Qanruyutet, Incenerrat, and Other Oral Histories of Animal/Human Relations in the Y-K Delta.” Paper presented at the American Studies Division, National Communication Association (NCA), November 2020, Indianapolis, IN. (N.B., Paper accepted for presentation).

Lim, Jonathan and **Sean Gleason**. “A new protocol for investigating archaeological landscapes in Southwest Alaska: Ethnography, community engagement, and computational techniques in the Yukon-Kuskokwim Delta.” Paper accepted to the 48th Computer Applications of Quantitative Methods in Archeology Conference (CAA). Oxford, UK. April 2020. (n.b., we were unable to present this paper as the conference was canceled due to the 2019- 2020 COVID-19 Pandemic.

Gleason, Sean, Shawn Schooling, Claire Deal, and Loren Marquez, “Unifying our Voices: Unifying our Center.” Panel presentation at the National Association of Communication Centers Conference (NACC), Greensboro, NC. March 2019.

Gleason, Sean. “Elbows and Assholes: Work, Play, and Off-Grid Living in the Ohio River Valley.” Paper accepted for presentation at the annual meeting of the National Communication Association, Ethnography Division, Salt Lake City, UT, November 2018. (N.B., This paper was accepted for presentation, but I was unable to attend the conference.)

Gleason, Sean. “Tinkering with Trash.” Paper accepted for presentation at the annual meeting of the National Communication Association, Ethnography Division, Salt Lake City, UT, November 2018. (N.B., This paper was accepted for presentation, but I was unable to

attend the conference.)

Gleason, Sean. “At Home in Appalachia: An Ecological Approach.” Paper presented at the annual meeting of the annual Congress of Qualitative Inquiry, Coalition for Critical Qualitative Inquiry, Urbana-Champaign, May 2018. (**Panel chair**)

Gleason, Sean. “Kultur, Rhetoric, and Civic Engagement: Kant’s Paradox of Aesthetic Judgments.” Paper presented at the annual meeting of the National Communication Association, Philosophy of Communication Division, Philadelphia, PA, November 2016. (**Top Student Paper Panel**)

Gleason, Sean. “Technology and the Not-So-Stable Body: ‘Being There’ in the Cyborg’s Dilemma.” Paper presented at the annual meeting of the National Communication Association, Communication and the Future Division, Philadelphia, PA, November 2016. (**Top Student Paper**)

Gleason, Sean. “Considering the Communicative Implications of Rancière’s Revolutionary Politics.” Paper presented at the annual Meeting of the Eastern Communication Association, Political Communication Division, Baltimore, MD, March 2016.

Gleason, Sean. “A Remembrance of Fragments Past.” Paper presented at the annual meeting of the National Communication Association, Ethnography Division, Chicago, IL, November 2014.

Gleason, Sean. “Dialogic Learning and Experience in Graduate Classrooms.” Paper presented at the annual meeting of the National Communication Association, African Studies Division, Chicago, IL, November 2014.

Performance Panels

Gleason, Sean. “Othering Home in the Anthropocene” Performance to be presented during the “Freedom to Remember, Freedom to Forget” panel at the annual meeting of the Eastern Communication Association, Performance Division, Boston, MA, April, 2017. (**panel chair and organizer**)

Gleason, Sean. “Freedom’s Call,” Performance presented during the “History of My History” panel at the annual meeting of the National Communication Association, Ethnography Division, Philadelphia, PA, November 2016.

Posters

Gleason, Sean. “Visual Adaptation of the Graphic Novel: A Metamorphosis of ‘The Metamorphosis.’” Poster presented at the annual Meeting of the National Communication Association, Philadelphia, PA, November 2016.

Gleason, Sean. “Technology and the Not-So-Stable Body: ‘Being There’ in the Cyborg’s Dilemma.” Poster presented at the annual Meeting of the Eastern Communication Association, Graduate Poster Session, Baltimore, MD, March 2016. (N.B. I presented this poster, based on an abstract I had written, to gather conceptual feedback before drafting the final manuscript, which I presented at

NCA in 2016.)

Harrison Cory Paul, Alane Presswood, Sean Gleason, and Claudia Sanchez. "Wal-Mart After Dark: Place-Making in Corporate America." Poster presented at the annual Meeting of the National Communication Association, Chicago, IL, November, 2014.

TEACHING EXPERIENCE

2022-present Nalaquq, LLC, Quinhagak, AK.
Research & Development

Part 107 UAS Exam Prep
ArcGIS Online for Tribal Operations
ArcGIS Pro & Cartography
UAS operations for Search & Rescue

2017-present Hampden-Sydney College, Hampden-Sydney, VA
Rhetoric Program
Instructor of Record

Community-Based Inquiry & Co-Production
Qualitative Inquiry and Deep Mapping
Digital Rhetoric and Culture
Ethno-Archaeology in the Y-K Delta
Qualitative Inquiry in the Y-K Delta
Remote Sensing and Arctic
Ethnoarchaeology (Independent Tutorial)
Web scraping: Tweepy, NLTK, and Python
(Independent Tutorial)
Performance Studies and Interviewing
(Independent Tutorial)
ArcGIS and Vegetative Sampling
(Independent Tutorial)
Ethno-Botanical Inquiry in the Y-K Delta
(Independent Tutorial)
Public Speaking
Figures of Speech and Oral Culture
Style & Composition
Rhetoric Capstone on the Method of Loci
Advanced Methods in Audio-Visual
Composition

2013-2017 Ohio University, Athens, OH
School of Communication Studies
Instructor of Record

Public Speaking
Intercultural Communication
Small-Group Communication
Political Communication Seminar (cross-listed
with the Political Science department)
Introduction to Communication Theory (large

Graduate Assistant

lecture course)

2011-2012 Ohio University, Athens, OH
 College of Education
 Co-instructor Special Topics in Student Leadership

ADMINISTRATIVE APPOINTMENTS

2022-present Assistant Director of the Rhetoric Studio, Hampden-Sydney College.
 2020-2021 Director of the Rhetoric Studio, Hampden-Sydney College.
 2019-2020 Assistant Director of the Rhetoric Studio, Hampden-Sydney College
 2017-2019 Associate Director of the Ferguson Center for Public Speaking, Hampden
 -Sydney College.
 2012-2014 Residential Coordinator (Professional Staff), Department of Student
 Affairs, Ohio University

ACADEMIC ADVISING

Post-Doc Advising:

2024-2026 Supervisor, Sire Kassama, United States Department of Agriculture: Agricultural Research
 Sciences. I helped secure funding, hiring, and on-site supervision for Sire Kassama's funded
 postdoctoral work on a remote-sensing vegetation classification project conducted on Yup'ik
 subsistence plants.

Graduate Advising:

2019-2024 External Supervisor, Jonathan Lim, PhD title, "Developing a new multidisciplinary
 protocol for investigating the archaeological landscape of Quinhagak, Alaska using
 ethnography, public engagement, and spatial technology," University of Oxford.

Undergraduate Honors Thesis Advising:

2026-2027, Honors Thesis Chair, Gyabaah Kyerie Gaboor '27, Hampden-Sydney College
 2022-2023 Supervisor, Daniel Marsden, Honors Thesis, "Nalaquq: Machine Learning
 Applications for the Remote Sensing of Declassified Spy Satellite Imagery (DSSI)
 to detect landscape change in the Yukon-Kuskokwim (YK) Delta."
 2018-2019 Honor Thesis Chair, Larry Pullen '19, Hampden-Sydney College.

Freshman Advising

2025-2027 Freshman Advisor, Hampden-Sydney College
 2021-2022 Freshman Advisor, Hampden-Sydney College.
 2018-2019 Freshman Advisor, Hampden-Sydney College

SUMMER RESEARCH ADVISING

2021 Daniel Marsden, "Traditional Place Names in the Y-K Delta" (off campus)
 2022 Elian Topanta-Sanchez, "Nalaquq: A SAR app for the Y-K Delta" (on campus)
 Blake Tullos, "Enter as Boys, Leave With a Man: A Look at the LGBTQ+ History of

	Hampden-Sydney College” (on campus).
	Izac Mercer-Olatunji, “The Nunalleq Place Names Project” (off campus)
2023	Seth Spickard, “Real-time YOLO object detection.
	Andrew Winans, “Animating the boy who lived with Seals”
2024	Andrew Winans, “Utilizing VR for Digital Museum Collections”
2025	Elias Breeden & Ashford Reyes, “Real Time Dashboard Production, SOAR”
2025	Andrew Winans, “Gaussian Splats for Immersive 3D Environments”
2025	Gyabaah Kyrie, “Computer Vision Applications for Remote Sensing”
2025	Haden VonCannon, “Documentary Filmmaking and Advanced Editing”
2026	Gyabaah Kyrie, “UAS-Based Remote Sensing” (Fieldwork, Quinhagak AK)
2026	Ashford Reyes, “Blowing Snow Detection”

AWARDS & HONORS

Cabell Teaching Award, Hampden-Sydney College, 2025. Created by the Robert G. Cabell III and Maude Morgan Cabell Foundation to assist the College in attracting and keeping professors of high ability and integrity and given annually to “a Hampden-Sydney faculty member in recognition of outstanding classroom contribution.”

Top Four Student Paper, Philosophy of Communication Division of the National Communication Association, Philadelphia, 2016.

Top Student Paper, Communication and the Future Division of the National Communication Association, Philadelphia, 2016.

NCA Doctoral Honors Seminar, Rhetoric Division, July 2016.

Karen and Roger Deardorff Graduate Award, School of Communication Studies, Ohio University, April 2016. (Awarded to support outstanding graduate research for conference presentation.)

Ohio University Travel Grant Award, School of Communication Studies, Ohio University, March 2016.

Outstanding Masters Student, Department of Political Science, Ohio University, May 2013.

SERVICE AND EDITORIAL ACTIVITIES

Hampden Sydney College

Tenure-Track Hiring Committee, Rhetoric Program (Public Speaking), 2025- 2026.

Tenure-Track Hiring Committee, Fine Arts (Lens-based Arts), 2025- 2026.

Tenure-Track Hiring Committee, Library Technical Services Position, 2021-2022.

Tenure-Track Hiring Committee, Assistant Professor of Rhetoric, 2021-2022.

Tenure-Track Hiring Committee, Assistant Professor of Rhetoric, 2019-2020 (failed search).

Tenure-Track Hiring Committee, Assistant Professor of Digital Rhetoric, 2018-2019.

Tenure-Track Hiring Committee, Assistant Professor of Public History, 2018-2019 (outside committee member).

Tenure-Track Hiring Committee, Assistant Professor of Rhetoric, 2017-2018.

Tenure-Track Hiring Committee, Assistant Professor of Digital Rhetoric, 2017-2018 (failed search).

Tenure-Track Hiring Committee, Assistant Professor of Rhetoric and Director of the Communication Commons, 2017-2018.

Committee & Other Assignments

Professional Development Committee, Hampden-Sydney College. September 2025-2028.

Health Sciences Committee, Hampden-Sydney College. September 2024-present.

Faculty-Student Research Committee, Hampden-Sydney College. August 2022-present.

Jewish Student Organization, Co-Advisor. 2021-present.

Lectures and Programs Committee, Chair, Hampden-Sydney College. August 2021-2023.

Gender Affairs Committee, Hampden-Sydney College. August 2021-2023.

COVID-19 Faculty Response Committee, Hampden-Sydney College, July 2020-September 2020. (Ad-Hoc Committee)

Academic Masterplan Committee, Hampden-Sydney College, August 2018-2023.

Teaching and Learning Cohort, Hampden-Sydney College, Spring 2020-Fall 2021. Selected to develop GIS programming for Hampden-Sydney College.

Editing Test Committee, 2017-2018; 2019-2019; 2019-2020.

Ethics Bowl, assisted with practice sessions and team prep for the 2017-2016 season.

Discipline

Reviewer, *New Media and Society*, 2024-present

Reviewer, *Departures in Critical Qualitative Research*, 2019-present.

Reviewer, National Communication Association, Student Section, 2016-2018.

Reviewer, Eastern Communication Association, Short Courses, 2016-2017.

Editorial

Managing Editor, *Studies in American Humor*, September 2014-2017.

Lead Copy Editor, *Student Guidebook for COMS 1030: Fundamentals of Public Speaking*. Edited by Angela Hosek. Cincinnati: Van-Griner, 2016.

Misc.

Doctoral Peer Mentor, School of Communication Studies, 2014-2016

Treasurer, School of Communication Studies Graduate Council, 2015-2016.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Computer Applications of Quantitative Methods in Archeology, 2019-2021

Qualitative Inquiry, 2018-2020

National Communication Association, 2013-present

Eastern Communication Association, 2015-present

CURRENT LICENSES AND CERTIFICATIONS

EMT-1, (State Certification) State of Alaska Office of EMS, exp. March 31st 2027.
Wilderness First Responder Certificate, Wilderness Medical Associates, Feb 2026.
Basic Life Support (BLS), Health & Safety Institute (HSI), Exp. Mar 2027
Emergency Medical Technician (EMT), NREMT, Exp. Mar 2027
Emergency Medical Technician (State Certification – VA), Exp. Apr 2029
FEMA IS-5.a: An Introduction to Hazardous Materials, FEMA EMI, Apr 2025
FEMA IS-100.c: Introduction to Incident Command System (ICS-100), FEMA EMI, Mar 2025
FEMA IS-200.c: Basic Incident Command System for Initial Response (ICS-200), FEMA EMI, Mar 2025
FEMA IS-700.b: An Introduction to the National Incident Management System, FEMA EMI, Apr 2025
FEMA IS-800.d: National Response Framework, An Introduction, FEMA EMI, Apr 2025
FAA Part 107 Small UAS Recurrent, FAA, Jul 2024

REFERENCES

Lynn Church, Nalaquq, PO Box 69, Quinhagak, AK, 99655, 907.764.0594 |
[lchurch@nalaquq.com](mailto:church@nalaquq.com)

Dr. Jonathan Lim, University of Arkansas JBHT 326, University of Arkansas, 479.435.1555 |
jonlim@uark.edu

Dr. Richard Knecht, University of Aberdeen, Elphinstone Road Aberdeen, AB24 3UF,
 Scotland, UK, 520.444.0668, r.knecht@abdn.ac.uk