

YANAN LI

Curriculum Vitae

(Last updated: January 2023)

CONTACT

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I. EDUCATION

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|------|-------|---|------------------------------------|
| 2015 | Ph.D. | Geography | University of Tennessee, Knoxville |
| | | Dissertation: <i>Timing and Extent of the Little Ice Age Glacial Advances in Eastern Tian Shan, China</i> | |
| 2011 | M.S. | Geography | University of Tennessee, Knoxville |
| | | Thesis: <i>Dendroclimatic Analysis of Climate Oscillations for the Southeastern United States from Tree-Ring Network Data</i> | |
| 2008 | B.S. | Geosciences | Beijing Normal University, China |
| | | Thesis: <i>A Test on the Measuring Ability of the LIGNOSTATION Wood Surface Scanner</i> | |

II. RESEARCH KEYWORDS

Topical: glacial geomorphology, past and present climate change, biogeography, climate-glacier-topography relations, mountains

Methodological: cosmogenic nuclide dating, dendrochronology, remote sensing (satellite and small unmanned aerial vehicle), terrain analysis

Regional: High Mountain Asia (Tian Shan Mountains and Tibetan Plateau), Wind River Range in Wyoming, Texas

III. PROFESSIONAL POSITIONS

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| 2018– | Assistant Professor, Department of Geography and Environmental Studies, Texas State University |
| 2016–2018 | Assistant Professor, Department of Geography, South Dakota State University |
| 2016 | Per-course Lecturer, Department of Geosciences and Natural Resources, Western Carolina University |
| 2015–2016 | Research Specialist III, Department of Earth and Planetary Sciences, University of Tennessee, Knoxville |

2008–2015 Teaching/Research Assistant, Department of Geography, University of Tennessee, Knoxville

IV. HONORS AND AWARDS

Achievement Award for Excellence in Teaching, 2022. College of Liberal Arts, Texas State University.

TRELIS Fellow, 2020–2021. Selected through a competitive process to participate in a year-long program of professional development for academic women in the geospatial sciences. Program funded by the National Science Foundation (Award #1660400). University Consortium for Geographic Information Science. 2020.

Teaching Award of Honor, Texas State Alumni Association. 2020.

Outstanding Self-financed Students Studying Abroad, China Government, 2015.

Robert G. Long Outstanding Graduate Student Award, Department of Geography, University of Tennessee, Knoxville, 2014.

McCroskey Memorial Travel Award, Department of Geography, University of Tennessee, Knoxville, 2014, 2012, 2009.

Science Alliance Award, Tennessee Center of Excellence, Science Alliance, 2012.

Best M.S. Student Paper in Biogeography Specialty Group, American Association of Geographers, 2009.

V. RESEARCH

A. Publications

- 2023 Messick, J.A., **Y.N. Li**, C. Serenari. Communicating climate change: A review of the elements of climate change communication and their impacts on behavioral outcomes. *Professional Geographer*. (Under Review)
- 2023 **Li, Y.N.**, P. Fu, R.R. Chen, and Y.K. Li. Quaternary glaciation in western China: A review of the chronologies established by absolute dating. *Progress in Physical Geography*. (Under Review).
- 2022 Li, Y.K., X.Y. Lu, R.A. Washington-Allen, and **Y.N. Li**. Micro-topographic controls on erosion and deposition of a rilled hillslope in eastern Tennessee, USA. *Remote Sensing* 14(6): 1315.
- 2022 **Li, Y.N.**, S.M. Krause, A.K. McLendon, and I.J. Jo. Teaching a geography field methods course amid the COVID-19 pandemic: reflections and lessons learned. *Journal of Geography in Higher Education* 1–10.
- 2022 **Li, Y.N.** Century-long changing climate of Texas: the spatial-temporal variability and trends of temperature and precipitation. *International Journal of Global Warming* 27(1): 102–122.

- 2022 Lai, J.M, **Y.N. Li**, J.L. Chen, G.Y. Niu, P.R. Lin, Q. Li, L.X. Wang, J.M. Han, Z.Q. Luo, and Y. Sun. Massive crop expansion threatens agriculture and water sustainability in northwestern China. *Environmental Research Letters* 17: 034003
- 2020 **Li, Y.N.** Glacier changes and their linkage to the climate-topographic context in the Borohoro Mountains, Tian Shan 1977–2018. *Water* 12(5): 1502.
- 2019 **Li, Y.N.** and P. Fu. Mapping the late-Holocene glacial geomorphology and glacier surface types in the Mt. Harajoriha, central Tian Shan. *International Journal of Geosciences* 10(6): 669–688.
- 2019 Chen, R.R., S.Z. Zhou, Y.K. Li, Z.P. Lai, X.J. Ou, X.Y. Lu, and **Y.N. Li**. Late Quaternary climate and environmental change derived from glacial deposits in the Parlung Zangbo Valley, southeastern Tibetan Plateau. *Physical Geography* 1–27.
- 2019 Li, Y.K., T. Tiede, S.P. Horn, **Y.N. Li**, R.R. Chen, and K.H. Orvis. Mapping glacial landforms on the Chirripó Massif, Costa Rica, based on Google Earth, a digital elevation model, and field observations. *Revista Geológica de América Central* 60: 109–121.
- 2019 Zhu, H.F., X.M. Shao, H. Zhang, F. Asad, S.R. Sigdel, R. Huang, **Y.N. Li**, W.W. Liu, S. Muhammad, I. Hussain, J. Griebinger, and E.Y. Liang. Trees record changes of the temperature glaciers on the Tibetan Plateau: potential and uncertainty. *Global and Planetary Change* 173: 15–23.
- 2018 Lu, X.Y., Y.K. Li, R. Washington-Allan, **Y.N. Li**. Structural and sedimentological connectivity on a rilled hillslope. *Science of the Total Environment* 655: 1479–1494.
- 2017 Lu, X.Y., Y.K. Li, R. Washington-Allen, **Y.N. Li**, H.D. Li, and Q.W. Hu. The effect of grid size on the quantification of erosion, deposition, and rill network. *International Soil and Water Conservation Research* 5(3): 241–251.
- 2017 **Li, Y.N.**, Y.K. Li, X.Y. Lu, and J. Harbor. Geomorphometric Controls on Mountain Glacier Changes since the Little Ice Age in the Eastern Tien Shan, Central Asia. *Annals of the American Association of Geographers* 107(2): 284–198.
- 2016 **Li, Y.N.**, Y.K. Li, J. Harbor, G.N. Liu, C.L. Yi, and M. Caffee. Cosmogenic ¹⁰Be constraints on Little Ice Age glacial advances in the eastern Tian Shan, China. *Quaternary Science Reviews* 138: 105–118.
- 2016 **Li, Y.N.**, Y.K. Li, Y.X. Chen, and X.Y. Lu. Presumed Little Ice Age glacial extent in the eastern Tian Shan, China. *Journal of Maps* 12: 71–78.
- 2015 Li, H.D., Y.K. Li, W.S. Shen, **Y.N. Li**, J. Lin, X.Y. Lu, X. Xu, and J. Jiang. Elevation-dependent vegetation greening of the Yarlung Zangbo River basin in the southern Tibetan Plateau, 1999–2013. *Remote Sensing* 7(12): 16672–16687.
- 2014 **Li, Y.N.**, and Y.K. Li. Topographic and geometric controls on glacier changes in the central Tien Shan, China, since the Little Ice Age. *Annals of Glaciology* 55(66): 177–186.

- 2014 Li, Y.K., G.N. Liu, Y.X. Chen, **Y.N. Li**, J. Harbor, A.P. Stroeven, M.W. Caffee, M. Zhang, C.C. Li, and Z.J. Cui. Timing and extent of Quaternary glaciations in the Tianger Range, eastern Tian Shan, China, investigated using ^{10}Be surface exposure dating. *Quaternary Science Reviews* 98: 7–23.
- 2014 Lifton, N., C. Beel, C. Hattestrand, C. Kassab, I. Rogozhina, R. Heermance, M. Oskin, D. Burbank, R. Blomdin, N. Gribenski, M. Caffee, J. Heyman, M. Ivanov, **Y.N. Li**, Y.K. Li, D. Petrakov, R. Usabaliev, A. Codilean, Y.X. Chen, J. Harbor, and A. Stroeven. Constraints on the late Quaternary glacial history of the Inylchek and Sary-Dzaz valleys from in situ cosmogenic ^{10}Be and ^{26}Al , eastern Kyrgyz Tian Shan. *Quaternary Science Reviews* 101: 77–90.
- 2008 Wei, B.Y., **Y.N. Li**, X.D. Yan, X.Q. Fang, H.F. Zhu, and J.L. Li. Estimation of February–May precipitations from tree-ring in Xiaowutai Mountain region from 1895 onwards. *Journal of Beijing Normal University (Natural Science)* 44(1): 96–102. (In Chinese with English abstract)

B. Book Chapters

- 2017 **Li, Y.N.**, X.Y. Lu, and Y.K. Li. A Review of the Little Ice Age and Factors to Glacier Changes in the Tian Shan, Central Asia. In: *Glaciers Evolution in a Changing World* (D. Godone, ed.), pp. 37–60. InTechOpen.

C. Research Grants

- 2022 **PI**, Texas State University International Research Accelerator (IRA) Grant: *Regional paleoclimate change resolved by sensitive mountain glaciers from the Tianshan Mountains, Central Asia*. \$15,000. (Rejected)
- 2019–2020 **PI**, Texas State University Research Enhancement Program (REP) Grant: *High resolution survey and monitoring of the Continental Glacier, Wyoming*. \$8,000.
- 2018–2021 **Participant/Team member**, National Natural Science Foundation of China: *Multi-proxy study on glacier fluctuations of southeast Tibetan Plateau during the past millennium*. Grant No. 4177012308. PI: Haifeng Zhu. RMB 1,103,500 (about \$160,000).
- 2016 **PI**, South Dakota State University Scholarly Excellence Funds: *Recent area and elevation changes of glaciers in the Sikeshu River Basin in northern Tian Shan*. \$4,000.
- 2013–2015 **Co-PI**. National Science Foundation, BCS - Doctoral Dissertation Improvement Research Grant. *Revealing the extent and timing of the Little Ice Age glacial advances in eastern Tian Shan, Central Asia*. Grant No. BSC-1303175. PI: Yingkui Li. \$15,995.
- 2012 **PI**, National Geographic Young Explorers Grant: *Spatial pattern of Little Ice Age glacial advances across Chinese Tian Shan*. \$5,000.

D. Conference Presentations (as first author and presenter)

- 2022 **Li, Y.N.** “How temperature and precipitation have changed across time and space in Wind River Range, Wyoming 1950–2018”. Virtual poster presentation at the *Southwest Division of the American Association of Geographers (SWAAG)* annual meeting. Hosted by the University of Arkansas.
- 2022 **Li, Y.N.**, Krause, S., McLendon, A., and Jo, I.. “Teaching a geography field methods course amid the COVID-19 pandemic: reflections and lessons learned”. Virtual poster at *American Association of Geographers (AAG)* annual meeting.
- 2021 **Li, Y.N.** “Teaching field-based courses amid the COVID-19 pandemic: a national survey and a case study of a Texas State Geography course”. Virtual paper presentation at the *Southwest Division of the American Association of Geographers (SWAAG)* annual meeting. Hosted by the University of Oklahoma.
- 2021 **Li, Y.N.** “Century-long changing climate of Texas: the spatio-temporal variability and trends of temperature and precipitation”. Virtual poster presented at the *American Association of Geographers (AAG)* annual meeting. Online.
- 2019 **Li, Y.N.** “Spatial variability of glacier surface temperature based on field and aerial surveys at the Continental Glacier, Wind River Range, Wyoming”. Poster presented at the *Southwest Division of the American Association of Geographers (SWAAG)* annual meeting. Fort Worth, TX.
- 2019 **Li, Y.N.** “Glacier changes between 1977 and 2018 in central Borohoro Mountains in Tian Shan, China”. Poster presented at the *American Association of Geographers (AAG)* annual meeting. Washington D.C.
- 2018 **Li, Y.N.** and Fu, P. “Geomorphological mapping of the Xiata Glacier area, Northwest China, with assistance of drones”. Poster presented at the *American Geophysical Union (AGU)* fall meeting. Washington D.C.
- 2018 **Li, Y.N.** and Fu, P. “Exploring No Man’s Land: The value of sUAVs in the field investigation of glacial geomorphology”. Paper presented at AAG annual meeting. New Orleans, LA.
- 2017 **Li, Y.N.**, Li, Y, Harbor, J, Liu, G, Yi, C, and Caffee, M. “Numerical dating of the Little Ice Age glacial landforms in the Chinese Tian Shan”. Paper presented at the *Geological Society of America (GSA)* annual meeting. Seattle, WA.
- 2017 **Li, Y.N.**, Li, Y, Lu, X, and Harbor, J. “Geomorphometric Controls on Mountain Glacier Changes since the Little Ice Age in the Eastern Tien Shan, Central Asia”. Paper presented at AAG annual meeting. Boston, MA.
- 2016 **Li, Y.N.** “The timing and extent of the Little Ice Age glacial events in Central Asia”. Paper presented at the *Great Plains/Rocky Mountain (GPRM) Division of AAG* annual meeting. Colorado Springs, CO.
- 2015 **Li, Y.N.**, McNelis, J, Li, Y, and Lu, X. “Glacier boundary extraction using high resolution Google Earth satellite imagery: A case study from the Bogeda Range, eastern Tian Shan, China”. Poster presented at AAG annual meeting. Chicago, IL.
- 2014 **Li, Y.N.**, Li, Y, Liu, G, and Chen, Y. “Timing of the ‘Little Ice Age’ glacial advances in Tian Shan, Central Asia”. Paper presented at the *Southeastern Division of AAG (SEDAAG)* annual meeting. Athens, GA.
- 2014 **Li, Y.N.**, Li, Y, Liu, G, and Chen, Y. “Cosmogenic ^{10}Be constraints of the ‘Little Ice Age’ glacial advances in the eastern Tian Shan, China”. Poster presented at the *American Geophysical Union (AGU)* fall meeting. San Francisco, CA.

- 2014 **Li, Y.N.**, Li, Y, Liu, G, Zhang, M, and Caffee, M. “Cosmogenic nuclide dating of the ‘Little Ice Age’ glacial landforms in the Urumqi River Headwaters, Chinese Tian Shan”. Paper presented at AAG annual meeting. Tampa, FL.
- 2013 **Li, Y.N.** and Li, Y. “Glacier mapping and topographic analysis on glacier change in eastern Tian Shan”. Paper presented at AAG annual meeting. Los Angeles, CA.
- 2012 **Li, Y.N.** “Contemporary and ‘Little Ice Age’ glacial extents in the Bogeda region, Tian Shan, China”. Paper presented at AAG annual meeting. New York City, NY.
- 2011 **Li, Y.N.** “Stationarity and Climate Response Signals of Long-Term Oscillations in Tree-Ring Data from the Southeastern United States”. Paper presented at AAG annual meeting. Seattle, WA.
- 2010 **Li, Y.N.** “Dendroclimatic Analysis of Climate Oscillations for the Southeastern United States from Tree-Ring Network Data”. Paper presented at AAG annual meeting. Washington D.C.
- 2009 **Li, Y.N.** "Changes in Oceanic-Atmospheric Oscillations Abstracted from Tree-Ring Network Data in the Southeastern United States". Paper presented at the *SEDAAG* annual meeting. Knoxville, TN.

E. Invited/Guest Talks

- 2021 From glacier changes to water security: studies from arid northwestern China. SUST 5301 Sustainability Seminar guest talk, *Sustainability Studies, Texas State University*, October 14. Zoom.
- 2020 Little Ice Age glacial activities and observed glacier changes in Tian Shan, Central Asia. UT-Geography Colloquium, Department of Geography & the Environment, *The University of Texas at Austin*, October 2. Zoom.
- 2019 An introduction to my glacial research in Xinjiang, China. *The Research Center for Ecology and Environment of Central Asia, Chinese Academy of Sciences*, July 12, Urumqi, Xinjiang, China.
- 2019 Glacial history and changes in the past hundreds of years in Tian Shan, China. *The University of Nottingham, Ningbo, China*, June 24, Ningbo, Zhejiang, China.
- 2018 The Little Ice Age glacial advances and recent glacier changes in the Tian Shan, Central Asia. *The 49th Annual South Dakota State Geography Convention*, Mar.16, Brookings, South Dakota.
- 2017 The Little Ice Age glacial advances and recent glacier changes in the Tian Shan, Central Asia. Seminar at *Geospatial Sciences Center of Excellence*, Oct.19, Brookings, South Dakota.
- 2017 Looking into past climate: from tree-ring of southeast US to glaciers in northwest China. Group seminar at *Institute of Tibetan Plateau Research, Chinese Academy of Sciences*. Jun.29, Beijing, China.
- 2017 Timing and extent of the Little Ice Age glacial advances in eastern Tian Shan. Colloquium at *Department of Geography, Minnesota State University*, Oct.13, Mankato, Minnesota.

- 2016 Cosmogenic ^{10}Be constraints on Little Ice Age glacial advances in the eastern Tian Shan, China. *School of Remote Sensing and Information Engineering seminar, Wuhan University, July 2, Wuhan, China.*
- 2014 “Excitement Starts from Here!” Young Explorers Grants Workshop, *National Geographic Society, Sept.18, Knoxville, Tennessee.*

VI. WORKSHOPS AND CERTIFICATIONS

- 2021 PaleoHackathon 2 Virtual Workshop, organized by LinkedEarth project members and supported by the US National Science Foundation. October 28–29. Online.
- 2020–2021 Training and Retaining Leaders in STEM - Geospatial Sciences (TRELIS-GS) online workshop. Program funded by the National Science Foundation (Award #1660400). University Consortium for Geographic Information Science (UCGIS).
- 2020 Certification of Teaching Online @ TxState (Hybrid). Office of Distance and Extended Learning, Texas State University. June 22.
- 2018–2021 Federal Aviation Administration (FAA) Remote Pilot certificate - small unmanned aircraft rating.
- 2018–2019 Scholarship & Teaching Excellence Program (STEP), Texas State University, San Marcos, TX.
- 2017 16th Annual Geography Faculty Development Alliance (GFDA) workshop, AAG, held at the University of Tennessee, Knoxville, TN.
- 2009 Completion of Tucson Tree-Ring Summer School, Laboratory of Tree-Ring Research, University of Arizona, Tucson. June 26.

VII. TEACHING

A. Courses Taught at Texas State University (2018–present)

GEO 1305	Meteorology
GEO 2410	Introduction to Physical Geography
GEO 3425	Geomorphology
GEO 4430/5430/7430	Field Methods
GEO 5316/7393M	Seminar: Global Climate Change
GEO 5190/7390	Independent Study
GEO 5399	Thesis
GEO 7399	Dissertation

B. Courses Taught at South Dakota State University (2016–2018)

GEOG 131	Introduction to Physical Geography – Weather and Climate
GEOG 132	Introduction to Physical Geography – Natural Landscapes
GEOG 339	Geomorphology
GEOG 491/591	Terrain Analysis

C. Course Taught at Western Carolina University (Spring 2016)

GEOG 300	Weather and Climate
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D. Courses Taught at the University of Tennessee, Knoxville (2008–2015)

GEOG 131L	Geography of the Natural Environment Laboratory
As teaching assistant:	
GEOG 101	World Regional Geography I
GEOG 102	World Regional Geography II
GEOG 310	Introduction to Cartography
GEOG 320	Culture Geography
GEOG 331	Natural Hazards
GEOG 334	Meteorology
GEOG 361	Regional Geography of the United States and Canada
GEOG 415	Quantitative Methods in Geography

E. Student Mentorship

Major Advisor:

Aidan McLendon (Ph.D., 2020–present; Texas State University)
Cameron Huch (M.S., 2022–present; Texas State University)
Elizabeth Schumann (M.S., 2020–2022; Texas State University)
Christopher Hinojosa (M.S., 2019–2020; Texas State University)
Kaitlyn Abrahamson (M.S., 2016–2018, terminated; South Dakota State University)

Committee member:

Danielle Smilovsky (Ph.D., 2021–present, Texas State University)
Andrea Piñon (Ph.D., 2018–present; Texas State University)
Ally Schlandt (M.S., 2020–2022, Texas State University)
Shayne O’Brien (Ph.D., 2018–2022; Texas State University)
Rikki Weaver (M.S., 2020–2022, Texas State University)
Elise Thompson (M.S., 2020–2022, Texas State University)
Noah Taylor (MAG, 2020–2022, Texas State University)
Tristan Rawling (MAG, 2018–2021; Texas State University)
William Plunket (MAG, 2017–2020; Texas State University)
Maximilian Petri (MAG, 2018–2019; Texas State University)

Research Assistant mentorship:

Cameron Huch (Spring 2023; Texas State University)
Jamil Raihan (Fall 2018, Fall 2021, Spring 2022, Fall 2022; Texas State University)
Kate Landers (Fall 2018, Spring/Fall 2019, Spring 2020; Texas State University)
Aidan McLendon (Spring 2019, Fall 2020, Spring 2021; Texas State University)

Teaching Assistant mentorship:

Marie White (Fall 2022 - GEO 3425; Texas State University)
Alain Elegbe (Fall 2022 - GEO 1305; Texas State University)
Rikki Weaver (Spring 2022 - GEO 1305; Texas State University)
Callie High (Fall 2021 - GEO 3425; Texas State University)
Sara Mayo (Spring 2021 - GEO 1305; Texas State University)
Aidan McLendon (Fall 2020, Spring 2022 - GEO 4430/7430, Texas State University)

Kaleigh Shuler (Spring 2020 - GEO 1305; Texas State University)
Andrea Piñon (Fall 2019, Fall 2020 - GEO 3425; Texas State University)
Shayne O'Brien (Spring 2019 - GEO 1305, Texas State University)
Aidan McLendon (Fall 2018 - GEO 3425, Texas State University)

Undergraduate research and lab work mentorship (University of Tennessee, Knoxville):

Taylor Tieche: Mapping of glacial features in Costa Rica: 2015/10 – 2016/4
Dakota Anderson: Cosmogenic nuclide sample preparation: 2013/5 – 2014/4
Han Noh: Google Earth based glacier boundary delineation. 2013/9 – 2013/10

VIII. PROFESSIONAL SERVICE

A. Service at Texas State University

University

Member representative, University Corporation for Atmospheric Research (UCAR).
March 23, 2020–present

Department

Committee member, Scholarship Committee, 2022–2023
Committee member, Graduate Committee, 2022–2023
Committee member, Alumni Reunion & Student Celebration (ARSC), Spring 2022
Committee member, Evaluation Committee, 2021–2022
Faculty advisor, Bobcat Stream Team, Spring 2021
Committee member, Recruiting & Communication Committee, 2020–2021
Committee member, Associate/Full professor search committee, 2019–2020
Committee member, Graduate committee, 2019–2020
Committee member, Undergraduate committee, 2018–2019
Committee member, Diversity committee, 2018–2019

B. Service at South Dakota State University

Graduate teaching assistant coordinator, 2017–2018
GEOG 131-132 lab manual coordinator, 2017–2018
Graduate admission committee member, 2017
Associate professor search committee, Geospatial Sciences Center of Excellence, 2017
Part-time instructors search committee, 2017
Graduate faculty representative on thesis/dissertation defense:
 Gabrielle Price (PhD, Nursing Practice, 2017)
 Prajina Tandukar (Master, Electrical Engineering, 2017)
GIS assistant professor search committee, 2016

C. Memberships and Service to Profession

Professional Memberships

2020– University Corporation for Atmospheric Research (UCAR)
2020– University Consortium for Geographic Information Science (UCGIS)
2014, 2018– American Geophysical Union (AGU)

2009– American Association of Geographers (AAG)
2017 Geological Society of America (GSA)
2019, 2021 Southwest Division of the AAG (SWAAG)
2016 Great Plains/Rocky Mountain Division of AAG (GPRM AAG)
2009–2014 Southeastern Division of AAG (SEDAAG)

Leaderships and Activities in Professional Organizations

Chair, Cryosphere Specialty Group, AAG, 2022–
2023 AAG Annual Meeting Specialty Group Keynote Fund, \$250
Honor’s Committee member, Paleoenvironmental Change Specialty Group, AAG, 2022–
Secretary/Treasurer, Cryosphere Specialty Group, AAG, 2019–2021
Review Editor, *Frontier in Big Data* section – Data-driven Climate Sciences, 2021–
Judge, Outstanding Student Presentation Awards (OSPA), AGU, 2021
Judge, R.S. Tarr Student Poster Competition, Cryosphere Specialty Group, AAG, 2019
Judge, R.S. Tarr Student Poster Competition, Cryosphere Specialty Group, AAG, 2018
Session organizer for “Past Environmental Change in Mountain Areas”, AAG, 2017
Judge, Student Paper and Poster Competition, GPRM Division of AAG, 2016
Session chair and organizer, “Environmental Change and Human Adaptation in High Asia”, AAG, 2013

Journal Reviewer

Atmosphere: 2020(1), 2021(1)
Climate: 2019(2)
Cogent Geosciences: 2019(1)
Geografiska Annaler: Series A, Physical Geography: 2018(1)
International Journal of Digital Earth: 2021(1)
International Journal of Geo-Information: 2018(1)
Journal of Earth System Science: 2014(1), 2015(1)
Journal of Quaternary Science: 2017(1), 2022(1)
Mountain Research and Development: 2018(1)
Palaeogeography, Palaeoclimatology, Palaeoecology: 2020(1)
Physical Geography: 2011(1), 2017(3), 2018(4), 2019(1), 2020(2), 2022(1)
Remote Sensing: 2018(1), 2021(1)
Water: 2018(1), 2020(1)
Land: 2022(1)

Proposal Review

National Science Foundation: 2016(1)

D. Volunteer, Diversity and Inclusion, and Other Services

- 2022 Panelist, Grad Forum panel discussion. *Preparing Academic Job Application Materials*. March 2.
- 2022 Judge, student presentation competition, Paleoenvironmental Change Specialty Group, AAG annual meeting, February 25–March 1. Online.
- 2022 Host/Judge, the 2022 Geography and Environmental Studies Student Research Symposium (GESSRS), Texas State University, February 11.

- 2021 Judge, Outstanding Student Presentation Awards, 2021 American Geophysical Union (AGU) fall meeting, December 13–17.
- 2021 Panelist, “Workshop 1 – Academic Job Clinic”, Texas State Geography Student Research Symposium (TxGSRS), April 23.
- 2021 Participant, “Welcome & Connect with Faculty”, Alumni Reunion & Student Celebration (ARSC), April 23.
- 2021 Co-speaker, “Climate Change: What’s Next?”, The College of Liberal Arts Salon Series. April 22.
- 2020 Poster judge, Women in Science and Engineering (WiSE) Conference, Texas State University, March 6.
- 2019 Early Career Guest at University Corporation for Atmospheric Research (UCAR) members annual meeting, Boulder, CO. 8–9 October.
- 2019 Gemma Theta Upsilon (GTU) Forum guest speaker, Texas State Geography, 24 September.
- 2019 Panelist, “Job Markets and Futures for Graduate Students”, by Graduate Student Forum, Department of Geography, Texas State University. 11 April.
- 2019 Panelist, “Women and GIS Career Panel”, by Supporting Women in Geography (SWIG), Department of Geography, Texas State University. 26 February.
- 2019 Faculty representative, “Bobcat Day”, Texas State University. 16 February.
- 2016 Faculty representative, Senior Day, South Dakota State University, 17 September.
- 2014 On-campus exhibition booth, Geography Awareness Week, Knoxville, Tennessee. 18–20 November.
- 2014 Participant in National Geographic Young Explorers workshop, Knoxville, Tennessee. 18–21 September.
- 2014 Volunteered at the Confucius Institute at University of Tennessee, Knoxville since 2012, granted “Certificate of Appreciation” in February.
- 2013 On-campus exhibition booth, Geography Awareness Week, Knoxville, Tennessee. 18–22 November.
- 2013 Lectured on “Research on Past Climates and Environment” at South Doyle Middle School, Knoxville, Tennessee, 7th grade, 13 November.
- 2013 Taught classes and led activities on “The Rock Cycle” at South Doyle Middle School, Knoxville, Tennessee, 6th grade, 13 November.
- 2013 Student Assistant, the Annual ESRI International User Conference in San Diego, CA. 8–12 July.
- 2012 On-campus exhibition booth, Geography Awareness Week, Knoxville, Tennessee. 12–16 November.
- 2010 Lectured and led activities on “Freshwater and Ecosystem” at Gap Creek Elementary School, 4th and 5th grades, Geography Awareness Week, Knoxville, Tennessee. 18 November.
- 2008 Led activities on “Mapping the Americas” at Mooreland Heights Elementary School, 3rd grade, Geography Awareness Week, Knoxville, Tennessee. 20 November.
- 2008 Invited lecture on “Geography of China” at Jefferson County High School, 11th grade, Dandridge, Tennessee. 30 October.