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EDUCATION

- **Doctor of Philosophy** (Expected December 2019)
University of Minnesota, Department of Geography, Environment & Society
Dissertation title: Multi-Scale Perspectives of Fire Activity in the Upper Great Lakes Region of Minnesota
Committee: Kurt F. Kipfmüller (chair), Lee E. Frelich, Daniel Griffin, Evan R. Larson (UW- Platteville)
- **Master of Science** (Spring 2014)
University of Tennessee, Department of Geography
Thesis title: Climate Drivers of Wildfire Activity, Magdalena Mountains, New Mexico, USA
Committee: Henri D. Grissino-Mayer (chair), Sally P. Horn, Yingkui Li
- **Bachelor of Science** (December 2011)
University of Oregon, Department of Geography
Advisor: Daniel G. Gavin

TEACHING EXPERIENCE

Graduate Instructor: University of Minnesota

- GEOG 1403: Biogeography of the Global Garden (Summer 2018)
- GEOG 1403: Biogeography of the Global Garden (Summer 2017)

Teaching Assistantships: University of Minnesota

- BSE 2001: An Introduction to Biology, Society, and Environment (Spring 2018)
- GEOG 1403: Biogeography of the Global Garden, **Lead TA*** (Spring 2017 and Fall 2017)
- GEOG 1403: Biogeography of the Global Garden (Fall 2016)
- GEOG 3431: Plant and Animal Geography (Fall 2016)
- GEOG 3839: Dendrochronology (Fall 2016)
- GEOG 1403: Biogeography of the Global Garden (Fall 2014 – Spring 2016)

*Lead TA duties included teaching lab, supervising 10 TA's, and 400+ students

Teaching Assistantships: University of Tennessee

- GEOG 435: Dendrochronology (Spring 2014)
- GEOG 131: Geography of the Natural Environment, **Lead TA**** (Fall 2013)
- GEOG 121: World Regional Geography, **Lead TA**** (Spring 2013)
- GEOG 131: Geography of the Natural Environment (Fall 2012)

**Lead TA duties included teaching lab, supervising 9 TA's, and 350+ students

RESEARCH EXPERIENCE

- **Research Assistant**, Center for Dendrochronology. Apostle Islands National Lakeshore Fire History. University of Minnesota (Summer 2018 and Summer 2017).
- **Research Assistant**, Center for Dendrochronology. Voyageurs National Park Fire History. University of Minnesota (Summer 2016).
- **Research Assistant**, Center for Dendrochronology. Understanding the Role of Fire and People in the Boundary Waters Canoe Area Wilderness. University of Minnesota (Fall 2015).
- **Field Assistant**, Center for Dendrochronology. Understanding the Role of Fire and People in the Boundary Waters Canoe Area Wilderness. University of Minnesota (Summer 2015).
- **Field Assistant**, Laboratory of Tree-Ring Science. Fire History of Big Pine Key, Florida. University of Tennessee (Summer 2014).
- **Research Assistant**, Laboratory of Tree-Ring Science. Tree-Ring Dating of Timbers from Sabine Hill, Home of General Nathaniel Taylor, Elizabethton, Tennessee. University of Tennessee (Spring 2014).
- **Field Assistant**, Laboratory of Tree-Ring Science. Dendrochronological Dating of Two Historic Log Cabins on the Belle Meade Plantation, Davidson County, Tennessee. University of Tennessee (Fall 2013).
- **Research Assistant**, Laboratory of Tree-Ring Science. The Historical Dendroarchaeology of Two Log Structures at the Wynnewood State Historic Site, Castalian Springs, Tennessee. University of Tennessee (Spring 2013).
- **Field Assistant**, Laboratory of Tree-Ring Science. Dendrochronological Dating of the Historic McKenzie Home, Meigs County, Tennessee. University of Tennessee (Fall 2012).
- **Undergraduate Research Assistant**, Biogeography Lab, Department of Geography. University of Oregon (Fall 2010 – Winter 2011).

HONORS AND AWARDS

- **Evelyn L. Pruitt National Fellowship**, Society of Women Geographers. Multi-Scale Perspectives of Fire Activity in the Upper Great Lakes Region of Minnesota. Dissertation Research (09/01/2018 – 08/31/2019).
- **Doctoral Dissertation Fellowship**, University of Minnesota. Multi-Scale Perspectives of Fire Activity in the Upper Great Lakes Region of Minnesota. Dissertation Research (09/01/2018 – 06/01/2019).

- **Summer Research Funding**, University of Minnesota. Multi-Scale Perspectives of Fire Activity in the Upper Great Lakes Region of Minnesota, Geography, Environment & Society (2018).
- **Teaching Assistant of the Year**, University of Minnesota, Geography, Environment & Society (2017).
- **Doctoral Dissertation Research Improvement Award (#1634070)**, National Science Foundation. Simulating Forest Patch Dynamics in Response to Climate Change, Fire, and Land Use in the Upper Great Lakes Region: Implications for Management. Dissertation Research (09/01/2016 – 02/28/2019).
- **Graduate Research Partnership Program Award**, University of Minnesota. Simulating Forest Patch Dynamics in Response to Climate Change, Fire, and Land Use in the Upper Great Lakes Region: Implications for Management. College of Liberal Arts (2016).
- **Summer Research Funding**, University of Minnesota. Simulating Forest Patch Dynamics in Response to Climate Change, Fire, and Land Use in the Upper Great Lakes Region: Implications for Management. Geography, Environment & Society (2016).
- **Conference Travel Award**, University of Minnesota. Developing a More Complete Understanding of Fire, People, and Landscape Interactions in the Boundary Waters Canoe Area Wilderness. Anthropological Ecological and Geological Interdisciplinary Sciences (AEGIS) (2016).
- **Conference Travel Award**, University of Minnesota. Spatial and Temporal Patterns of Fire History in Voyageurs National Park, Minnesota. College of Liberal Arts (2015).
- **Chancellor's Award for Extraordinary Professional Promise**, University of Tennessee (2014).
- **Graduate Student Research Grant**, The Stewart K. McCroskey Memorial Fund. Climate Drivers of Wildfire Activity in the Magdalena Mountains, New Mexico, USA. Thesis Research (2014).
- **Research Scholarship**, International Association of Wildland Fire. Climate Drivers of Wildfire Activity in the Magdalena Mountains, New Mexico, USA. Thesis Research (2013).
- **Graduate Student Research Grant**, Biogeography Specialty Group, American Association of Geographers. Climate Drivers of Wildfire Activity in the Magdalena Mountains, New Mexico, USA. Thesis Research (2013).

PUBLICATIONS

- Kipfmueller, K. F., **Schneider, E. A.**, Weyenberg, S. A., & Johnson, L. B. 2017. Historical drivers of a frequent fire regime in the red pine forests of Voyageurs National Park, MN, USA. *Forest Ecology and Management*, 405, 31–43.
- Druckenbrod, D. L., Stachowiak, L. A., **Schneider, E. A.**, Graves, D. M., & Grissino-Mayer, H. D. 2017. Dendrochronological dating of the Graves Mill grist mill, Madison County, Virginia, USA. *Dendrochronologia*, 43, 27–32.
- Grissino-Mayer, H. D., **Schneider, E. A.**, Rochner, M. L., Stachowiak, L. A., & Dennison, M. E. 2016. Tree-ring dating of timbers from Sabine Hill, home of General Nathaniel Taylor, Elizabethton, Tennessee, USA. *Dendrochronologia*. 43, 33–40.
- Stachowiak, L. A., **Schneider, E. A.**, Rochner, M. L., Collins, S. A., & Grissino-Mayer, H. D. 2015. Dendrochronological dating of two historic log cabins on the Belle Meade Plantation, Davidson County, Tennessee, USA. *Vegetation History and Archaeobotany*. 1–11.
- **Schneider, E. A.**, Stachowiak, L. A., & Grissino-Mayer, H. D. 2015. The historical dendroarchaeology of two log structures at the Wynnewood State Historic Site, Castalian Springs, Tennessee, USA. *Dendrochronologia*, 33, 34–41.
- Stachowiak, L. A. **Schneider, E. A.**, Rochner, M. L., Collins, S. A., Swiney, C. P., Grissino-Mayer, H. D., & McKenzie, T. G. 2014. Dendrochronological dating of the historic McKenzie Home, Meigs County, Tennessee, U.S.A. *Tree-Ring Research* 70: 31–39.

PRESENTATIONS AND POSTERS

- **Elizabeth Schneider**. Understanding the Spatial Patterns of Fire and Controlling Mechanisms in the Upper Great Lakes Region of Minnesota. Invited Lecture, Biology, Environment, and Society. (April 2018).
- **Elizabeth A. Schneider**, Kurt F. Kipfmueller, Evan R. Larson, Bennett Grider. Spatial Patterning of Fire Occurrence in the Upper Great Lakes Region of Minnesota. *Geography, Environment & Society*, Annual Ralph Brown Memorial Day. (April 2018).
- **Elizabeth A. Schneider**, Kurt F. Kipfmueller, Evan R. Larson, Bennett Grider. Spatial Patterning of Fire Occurrence in the Upper Great Lakes Region of Minnesota. Association of American Geographers Conference, Landscape Specialty Group Student Presentation Competition, New Orleans, Louisiana. (April 2018).
- Kurt F. Kipfmueller, Evan R. Larson, Lane B. Johnson, **Elizabeth A. Schneider**, Liam Martin, Adam Donaldson. Building a Fire History Network in the Upper Great Lakes. American Association of Geographers Conference, New Orleans, Louisiana. (April 2018).

- **Elizabeth A. Schneider**, Kurt F. Kipfmüller, Evan R. Larson, Lane B. Johnson, Ben J. Matthys. Developing a More Complete Understanding of Fire, People, and Landscape Interactions in the Boundary Waters Canoe Area Wilderness. Association of American Geographers Conference, San Francisco, California. (March 2016).
- Kurt F. Kipfmüller, Evan R. Larson, Lane B. Johnson, **Elizabeth A. Schneider**, Ben J. Matthys, Scott Weyenberg. Revisiting Fire History in the Border Lakes Region: An Overview of Fire History, Climate, and Ojibwe Land Use Over the Last 400 years. The Heart of the Continent Partnership, Science Symposium, International Falls, Minnesota (March. 2016).
- Evan R. Larson, Kurt F. Kipfmüller, Lane B. Johnson, **Elizabeth A. Schneider**, Ben J. Matthys. Fire and People in the Forests of the Boundary Waters. Superior National Forest Research Slam, Duluth, Minnesota. (November. 2015).
- **Elizabeth A. Schneider**, Kurt F. Kipfmüller, Scott Weyenberg. Spatial and Temporal Patterns of Fire History in Voyageurs National Park, Minnesota. Association of American Geographers Conference, Chicago, Illinois. (March 2015).
- Henri D. Grissino-Mayer, Daniel G. Gavin, Monica T. Rother, **Elizabeth A. Schneider**. Testing Fire Synchrony and Fire-Climate Relationships in Dendroecology using One-Dimensional Ripley's k Function. Association of American Geographers Conference, Tampa Florida. (2014).
- **Elizabeth A. Schneider**, Henri D. Grissino-Mayer. Climate Drivers of Wildfire Activity, Magdalena Mountains, New Mexico, U.S.A. Association of American Geographers Conference, Tampa, Florida. (March 2014).
- **Elizabeth A. Schneider**, Lauren A. Stachowiak, Alex W. Dye, Savanna A. Collins, Daniel W. Brock and Henri D. Grissino-Mayer. Dendroarchaeology at the Wynnwood State Historic Site, Castalian Springs, Tennessee, U.S.A. Southeastern Division of the Association of American Geographers. (November 2013).

PROFESSIONAL DEVELOPMENT

- Writing to Learn in Online Environments, Writing Across the Curriculum, University of Minnesota (2018).
- Multivariate Analysis in Community Ecology with PC-ORD Software Short Course, Webinar (2018).
- Assimilating Long Term Data into Ecosystem Models, Paleo-Ecological Observatory Network, Land O' Lakes, WI (2016).
- Data Management and Sharing Workshop, University of Minnesota (2016).
- LANDIS-II Training, Portland State University, Portland, Oregon (2015).
- Wilderness First Responders Training, NOLS, Minnesota (2015).

PUBLIC AND OTHER SERVICE

- Conference Volunteer, Prince from Minneapolis: A Symposium at the University of Minnesota (April 2018).
- Workshop Organizer, Supporting Women in Geography, Dealing with Failure in the Academy (2018).
- Graduate Student Representative, Geography, Environment & Society Strategic Planning Committee and College of Liberal Arts Grand Challenges Campaign (2017 – present).
- Organization Committee, Supporting Women in Geography (2017 – present).
- Graduate Student Representative, Undergraduate Education Policy Committee (2016 – present).
- Participant, Graduate School Information Panel for Undergraduates, Geography, Environment & Society, Advising Team (2016 and 2017).
- Graduate Student Coordinator, Weekly Coffee Hour Speaker Series and the Annual Brown Day Memorial Lecture, Geography, Environment & Society (2016 – 2017).
- Graduate Student Coordinator, Prospective Graduate Student Weekend, Geography, Environment & Society (2015 – 2016).
- Graduate Student Representative, Departmental Faculty Meetings, Geography, Environment & Society (2014 – 2015).
- Stewart K. McCroskey Memorial Fund Oversight Committee, Department of Geography (2014).
- Workshop Leader, Gadget Girls Adventures in STEM, Appalachian Council Region (2014).
- Science Fair Judge, Heritage Middle School, Maryville, Tennessee (2013).

Current Membership in Professional Organizations

- American Association for the Advancement of Science
- American Association of University Women
- Association of American Geographers
 - o Biogeography Specialty Group
 - o Paleoenvironmental Change Specialty Group
 - o Landscape Specialty Group
 - o Climate Change Specialty Group
- International Association of Landscape Ecology
- International Association of Wildland Fire
- Student Association for Fire Ecology
- Tree-Ring Society