





Kyle Tredinnick

Social Studies Teacher and Geographic
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EDUCATION

Ph.D. Geography (in progress)

(Geography Education Concentration)

University of Nebraska - Lincoln

Lincoln, NE

2022 - Present

M.A. Geography

(Human Geography Concentration)

University of Nebraska at Omaha

Omaha, NE

2017 - May 2019

Thesis: Student achievement in Geography as a Function of Teacher Preparation:

Importance of Teachers' Education to Student Mastery of Geographic Concepts

B.S. Social Studies Secondary Education

(History Emphasis)

Saint Cloud State University

St. Cloud, MN

2004 - May 2009

OBJECTIVE

Every Student, An Explorer

Teaching global awareness and building a community of lifelong learners.

TEACHING EXPERIENCE

Social Studies Teacher – Omaha Public Schools

Zoo Academy (Omaha, NE) / August 2016-Present

Responsible for developing and teaching lessons for AP Comparative Government, AP US Government and Politics, Biogeography, Behavioral Science, Conservation Geography, Ecogeography, Environmental Policy, Global Studies, Sociology, Psychology, United States Government, World Environmentalism, and Instructor for summer MIHV program.

Adjunct Instructor – University of Nebraska at Omaha

Department of Geography and Geology (Omaha, NE) / Spring 2021-Present

Geography 1020 – Introduction to Human Geography

Geography 1030 – Introduction to Physical Geography

Geography 8040 – Graduate Seminar in Geography Education

Dual Enrollment Coordinator – University of Nebraska at Omaha

Department of Geography and Geology (Omaha, NE) / July 2018 - Present

Coordinate activities between the university's geography department and area schools, plan and oversee GeoFest professional development in fall, organize AP study session in the spring, and plan and organize summer professional developments.

Social Studies Teacher – Nacel International Schools

St. Paul Preparatory School (St. Paul, MN) / June 2012-July 2016

Responsible for developing and teaching lessons for American Government, Art History, Economics, AP European History, AP Human Geography, Human Geography, Geographic Information Systems, Sociology, AP World History, Honors World History, and World History

TEACHING EXPERIENCE cont'd

Social Studies Teacher – Nacel International Schools

Saint Paul American School (Beijing, China) / June 2011 – June 2012

Responsible for developing and teaching lessons for World History, World Geography, Civics, and AP European History

Social Studies Teacher – Nacel International Schools

Shangde Experimental School (Shanghai, China) / September 2010 – June 2011

Responsible for developing and teaching lessons for English as a Second Language, World Geography, and United States History.

Education Coordinator – Carver County Historical Society

Carver County Historical Society (Waconia, MN) / September 2009 – July 2010

Planned and implemented lessons aimed at educating community members of all ages about the history of Carver County, worked with curator to develop educational materials for exhibits.

RESEARCH STATEMENT

Through practice and research I am working to better understand the skills and content knowledge needed to deliver highly effective instruction in geography. Building upon the work completed during my Master's thesis, I want to look at what types of commitments in terms of pre-service education, professional development, and time are necessary to develop instructors who are confident in their content knowledge and pedagogy. I believe geographic knowledge is crucial for the development of students and teachers at all levels should be given the support they need to provide students with high quality instruction.

LICENSES AND CERTIFICATIONS

Nebraska Social Sciences Teaching License

Effective 03/30/2021

Geospatial Science & Technology Educator Certification

Effective 4/30/2020

National Geographic Certified Educator

Effective 04/17/2017

National Geographic Certified Geoinquiry Trainer

Effective 05/31/2019

A P P O I N T M E N T S

Geographic Educators of Nebraska Vice-Chair

Term beginning January 2022

National Council of Geographic Education Board of Directors

Term beginning January 2022

P R O F E S S I O N A L M E M B E R S H I P S

- American Association of Geographers
 - Geomentor, 2015-Present
 - Member, 2021-Present
- Environmental Systems Research Institute
 - T3G – Teachers Teaching Teachers Member, 2020-Present
- Geographic Educators of Nebraska
 - Member, 2016-Present
 - **Board of Directors**, 2016-Present
- Minnesota Alliance for Geographic Education
 - Member, 2008 - Present
- Minnesota GIS/LIS Consortium
 - Member, 2016 - Present
- National Council for Geographic Education
 - Member, 2017 – Present
 - **Board of Directors**, 2022 - Present

C O M M I T T E E S

- College Board
 - AP Human Geography Exam Reader, Summer 2020 - Present
- Environmental Systems Research Institute (Esri)
 - Teachers Teaching Teachers GIS (T3G), Fall 2019-Present
- Geographic Educators of Nebraska
 - *Board of Directors*, Fall 2016 – Present
 - **Vice-Chair**
 - *GeoFest Planning Committee* - **Committee Chair**, Fall 2019 - Present
- Minnesota GIS/LIS Consortium
 - *Education Committee*, Summer 2016-Winter 2019 (Resigned)
- National Geographic Educator Community
 - *Nebraska Advisory Committee*, Winter 2018-Winter 2019 (Dissolved)
- National Geographic Online Community
 - *Grosvenor Teacher Fellow Online Community* - **Community Leader**, Fall 2019 – Fall 2020
- Nebraska Department of Education
 - *Ad Hoc Committee to Review and Revise State Requirements for Social Studies Endorsement*, Winter 2020 (Dissolved)
 - Social Studies Standards Revision - **Geography Leadership Team**, Fall 2018 – Fall 2019 (Dissolved)

- Omaha Public Schools
 - *Social Studies Human Geography Curriculum Writing, **Committee Leader**, Summer 2020*
 - *Social Studies Standards and Curriculum Team, Winter 2020 (Dissolved)*
- Polar Educators International
 - Council, Summer 2021 – Summer 2022
- Saint Paul Preparatory School
 - Social Studies Curriculum Alignment Team, Summer 2013 (Dissolved)
- Taylor & Francis Group
 - *The Geography Teacher, **Editorial Board**, Sept 2020 – Present*
 - *Guest Editor for future issue on Climate and the Environment*

ADDITIONAL TRAININGS

- Adams State University, Online Delivery
 - *Teaching Geography in the 21st Century, Summer 2016*
- Advanced Placement Summer Institute, Carlton College
 - *European History, Summer 2013*
 - *Human Geography, Summer 2014*
- ESRI Massive Open Online Courses, Online Delivery
 - *Cartography, Spring 2018*
 - *Do-It-Yourself Geo Apps, Fall 2015*
 - *The Location Advantage, Fall 2017*
- Fulbright Teacher Exchanges
 - *Teaching and Leading for Global Education, Fall 2020*
 - *International Study tour to Germany, Summer 2022*
- Geographic Educators of Nebraska, University of Nebraska at Omaha
 - *GeoFest 2019: Geography Around You, Fall 2019 - **Conference Organizer***
 - *GeoFest 2020: Geography for Action, Fall 2020 - **Conference Organizer***
 - *GeoFest 2021: Building Spatial Citizenship, Fall 2021 – **Conference Organizer***
- GeoTech Center
 - *Geospatial Science & Technology Educator Certification, Spring 2020*
- Institute for Global Studies, University of Minnesota
 - *Teaching Genocide in Rwanda and Darfur, Summer 2016*
 - *Teaching about Africa, Summer 2016*
- Minnesota Alliance for Geographic Education, Carlton College and University of Minnesota
 - *Geofest, Fall 2008, 2009, 2012 – 2018, 2022*
 - *MAGE Summer Institute: Advanced Geo-inquiries, Summer 2016*
- Minnesota GIS/LIS Consortium
 - *Annual Conference, Fall 2016, Fall 2017, and Fall 2018*
- National Council for Geographic Education
 - *Annual Conference, Summer 2017, Summer 2018, Winter 2022*
- National Endowment for the Humanities
 - *Landmarks of American History Workshop: Building America: Minnesota's Iron Range, Industrialization, and the Creation of a World Power, Summer 2010*
- National Geographic Education
 - Grosvenor Teacher Fellow
 - *Circumnavigation of Iceland, Summer 2017*
 - *Galapagos, Fall 2019*

- GTFurther
 - *Badlands 2019*, Summer 2019
 - *Everywhere 2020, Summer 2020* – **Conference Co-Organizer**
- National Geographic Online Trainings
 - *Collecting Data to Explore Plastic Pollution in our Community*, Fall 2019
 - *Connecting the Geo-inquiry Process to Your Teaching Practice*, Spring 2019
 - *Delivering Geo-inquiry Process Outreach Sessions*, Summer 2019
 - *Mapping as a Visualization and Communication Tool in Your Classroom*, Fall 2019
 - *National Geographic Education Certification*, Spring 2017
 - *Teaching Global Climate Change in Your Classroom*, Fall 2019
- U Spatial, University of Minnesota
 - *ArcGIS Training*, Summer 2015
- U.S. State Department Online Program for Teachers
 - *Global Education 101*, Summer 2019

A W A R D S A N D F E L L O W S H I P S

- Environmental Systems Research Institute, *K12 Teacher Video Challenge*, January 2019
- Fulbright, Teachers for Global Classrooms Fellowship, Sept 2020- Aug 2022
- Geographic Educators of Nebraska, *Glidersleeve, Stoddard, Stone Award for Commitment to Geography Education (Nebraska's 2nd Congressional District)*, Awarded June 2018
- Geographic Educators of Nebraska, *Leadership Award*, Awarded December 2018
- Goethe Institute, *Trans-Atlantic Outreach Program Fellow*, Germany, Summer 2018
- National Council of Geographic Education, *K-12 Distinguished Educator Award*, Summer 2017
- National Endowment for the Humanities Fellow, Summer 2010
- National Geographic *Grosvenor Teacher Fellow*, Summer 2017
- National Geographic *Grosvenor Teacher Fellow Ambassador*, Fall 2019
- Texas A&M University, *Prairie Project*, Summer 2021-Present

S T U D E N T A W A R D S

- 2016 Minnesota on the Map Contest (Winner), Damla B. - [Mural Tour of Lake Street in Minneapolis](#)
- 2016 Minnesota on the Map Contest (Winner), Michalina R. - [YMCA and McDonald's Location vs. Average Income and Age in the Twin Cities](#)
- 2018 Nebraska Mapping Contest (First Place), Sophie W. - [Nebraska Aquatic Invasive Species](#)
- 2018 Nebraska Mapping Contest (Second Place), Karoline F. - [Salt Creek Tiger Beetle Conservation](#)
- 2019 Nebraska Mapping Contest (First Place), Audrey A. - [The Endangered Nebraska Prairie and Its Plants](#)
- 2021 Nebraska Mapping Contest (Second Place), Ava M. – [Conservation of the North American Bison](#)
- 2021 Nebraska Mapping Contest (Third Place), Katy B. and Virginia H. – [Fishy Can't See, Fishy Can't Do](#)
- 2021 ArcGIS StoryMaps Challenge for Restoring our Oceans (Third Place), Chloe H. and Cariena M. – [An Altered Arctic](#)
- 2022 Nebraska Mapping Contest (First Place), Chloe H. and Cariena M. – [From Dirt to Soil](#)
- 2022 ArcGIS Online Competition for US High School & Middle School Students (Runner Up), Chloe H. and Cariena M. – [From Dirt to Soil](#)

PUBLICATIONS / WEBSITES / GRANTS

- American Geographical Society, GeoBoost Program, Awarded Fall 2021
- Bedford, Freeman, & Worth, Human Geography for the AP Course, Units 1 & 5 Teacher Resource Manual Lessons, **Author**, ISBN: 978-1-3191-9224-2, Published 2021
- Callisto Media, The Curious Kid's Guide to the World, **Co-Author**, ISBN: 978-1-6473-9765-4, *project paused*
- Cengage, Hendrix/Thompson/Turk, National Geographic Earth and Space Science (1st Edition), Peer reviewer, ISBN: 978-0-3574-3151-1, Published 2021
- EarthXplorers, LTMedia Lab, University of Minnesota, <https://earthxplorers.com/>
 - Advisor/**Lead Teacher**
- Environmental Systems Research Institute (ESRI)
 - Civics/Government Geoinquiries - Author/Consultant, Spring 2018
 - [This Land is Your Land](#) – Federalism and Special Land Designations
 - [What is a Gerrymander?](#) – Congressional District Apportionment
 - [Who has your vote?](#) – Mapping Urban vs. Rural Voting Trends
 - [Be the Change](#) – The spatiality of citizen created change
 - [We the People](#) – The foreign influences incorporated into US Government
 - [Creating Voting Models](#) – Using data points to create a predictive interpolation
 - [Out of Many, One](#) – Analyzing different methods of representing data
- Geographic Educators of Nebraska
 - Nebraska Geoinquiries – Author/**Project Leader**, Spring 2021
 - [Where is the beef?](#) – Von Thunen and Nebraska's Agricultural Distribution
 - [Nebraskans at the Polls](#) – Voting trends at different scales in Nebraska
- Geographic Educators of Nebraska, webmaster, <https://geonebraska.com/>
- Geography for Geographers, www.geographyforgeographers.com
- GeoPolaris Education Publications, Human Geography: A World of Interaction, **Author**, ISBN: 978-1-5323-8317-5, Originally Published 2017
- Minnesota Historical and Culture Grant, "Veterans Gallery Education Materials," Accepted Fed. 28th, 2010
- Mr. Tredinnick's Teacher Website, www.mrtredinnick.com
- National Council of Geographic Education, [AP Human Geography Test Bank](#), Writer, Fall 2019
- National Geographic, COVID-19 Remote Learning Emergency Fund for Teachers, "Nebraska Geoinquiries", Accepted January 26th, 2021
- National Geographic Education Blog, [GIS in the Classroom](#), November 13th, 2019
- National Geographic Education Blog, [Strategy Share: Exploring Climate Change with Google Earth](#), December 3rd, 2018
- National Math + Science Initiative, AP Human Geography Content Specialist, Summer 2018
- Nebraska Department of Education, [Standards Implementation Tool – Geography Section](#), Summer 2018, Winter 2020
 - HS World Regional Geography, HS Human Geography, 7th Grade Global Studies
- Nebraska Environmental Trust Grant, *Educating the Next Generation of Nebraskans About Soil Conservation Using the Power of Geographic Information Systems (GIS)*, Accepted January 2020
- Omaha Public Schools: Making Invisible Histories Visible, [They Chose South Omaha](#), Winter 2019
- Polar Educators International, "Using Geospatial Technologies for Polar Education" (Blog Post), July 2021
- Stearns County Historical Society, "*Shinny*" in Stearns County, Crossings – A Stearns County Historical Society Publication, Volume 36, Number 1, Jan 2010, pages 3-7

- University of Nebraska Lincoln, Citizenship – Water Quality Curriculum Project, Summer 2022, Contributing Author
- Wiley, *Human Geography: People, Place, and Culture 12th edition*, by Erin H. Fouberg and Alexander B. Murphy, Peer Reviewer, ISBN: 978-1119577607, Published 2020

P R E S E N T A T I O N S

- American Association of Geographers – Great Plains/Rocky Mountains Regional Meeting, Lincoln, NE
 - October 16th, 2021 – Geographic Education: Contemporary Issues for K-12 and Beyond
 - Panel Member
- American Association of Geographers – Professional Development Spring Webinar Series, Virtual
 - April 12th, 2022 – [From PhD to Professor: Tips for Landing Your First Academic Job](#)
 - Panel Member
- Elkhorn Rotary Club, August Meeting - Matheson Memorial Library, Elkhorn, NE
 - Aug 10th, 2017 - [Observations from Iceland](#)
- Goethe Institute, Virtual Study Tour, Online
 - July 7th, 2021 – Using GIS to Connect to Field Experiences
- Mid-America GIS Consortium (MAGIC), Annual Conference – Doubletree, Omaha, NE
 - April 25th, 2018 – [Preparing Students for GIS Careers](#)
- Minnesota Alliance for Geographic Education, Geofest - Macalester College, Saint Paul, MN
 - October 29th, 2016 - [EarthXplorers- An exciting new online initiative for GIS learning](#)
 - October 29th, 2016 - [Tips and Resources for a High School Geography Course](#)
 - October 14th, 2017 - [Lessons from Arctic Iceland](#)
 - October 27th, 2018 – [Modern Germany](#)
 - January 29th, 2022 – [Geographic Questioning in Human Geography Courses](#)
- Minnesota GIS/LIS Consortium, Annual Conference
 - October 27th, 2016 (Duluth, MN) - [Teaching GIS in a STEM Curriculum](#)
 - October 4th, 2017 (Bemidji, MN) - [Intermediate/Advanced GIS for Teachers](#)
 - October 4th, 2017 (Bemidji, MN) - [Teaching with GIS \(Keynote Speaker\)](#)
 - October 3rd, 2018 (Duluth, MN) - [Intermediate/Advanced GIS for Teachers](#)
 - October 8th, 2020 (Virtual) – [Making your maps work for you](#)
- Nebraska Association for the Gifted, Spring Conference - Embassy Suites Conference Center, Omaha, NE
 - February 23rd, 2016 - [An Introduction to GIS](#)
- National Council for Geographic Education. Annual National Conference
 - July 27th, 2017 (Albuquerque, NM) - [EarthXplorers](#)
 - August 9th, 2018 (Quebec City, QC, Canada) - [EarthXplorers](#)
 - January 6th, 2022 (Online) – [Using Personal Travel to Enrich Geography Lessons](#)
- Nebraska Department of Education and the Environmental Trust, Online
 - March 4th - April 13th, 2020 - [Using Geospatial Technologies to teach Soil Conservation](#)
- National Geographic Society, Education Summit, National Geographic Headquarters, Washington D.C.
 - October 3rd, 2019 - [Story Maps: Building a GeoHabit](#)
- Nebraska Educational Technology Association, Spring Conference - Century Link Center, Omaha, NE
 - April 20th, 2017 - [What are Nebraska Teachers Doing with GIS in Their Classrooms?](#)
 - April 20th, 2017 - [Hands on GIS](#)
 - April 19th, 2018 – [Using Geospatial Tools as a Technological Aid](#)

- Nebraska State Council for Social Studies, Annual Conference- University of Nebraska Kearney, Kearney, NE
 - June 27th, 2017 - [An Introduction to GIS & Hands on GIS](#)
- Omaha Public Schools, Curriculum Day
 - September 15th, 2017 (Central High School) - [Traveling as a Teaching Tool](#)
 - September 13th, 2018 (Blackburn High School) – [Government Geoinquiries](#)
- South Dakota Discovery Center – Badlands National Park, SD
 - June 17-20th, 2019 – [Field Data Collection](#)
- Texas A&M University – The Prairie Project, Virtual Presentation
 - July 13, 2022 – [Using Field Studies to Explore Prairie Ecology](#)
- University of Nebraska Omaha – College of Education – Social Studies Methods Course
 - December 14th, 2017 - [An Introduction to GIS](#)
- University of Nebraska Omaha - Department of Geography/Geology, Omaha, NE
 - April 14th, 2019 - AP Human Geography Student Study Session (**Conference Organizer**)
 - December 8th, 2019 – GeoFest “Geography Around You” (**Conference Organizer**)
 - April 15th - April 26th, 2020 - AP Human Geography Virtual Study Sessions (**Conference Organizer**)
 - November 14th, 2020 GeoFest “Geography Coming to You” (**Conference Organizer**)
 - April 24th, 2021 - AP Human Geography Student Study Session (**Conference Organizer**)
 - November 13th, 2021 GeoFest “Building Spatial Citizenship” (**Conference Organizer**)
 - April 4th, 2022 - AP Human Geography Student Study Session (**Conference Organizer**)
 - July 12th & 19th, 2022, Summer Workshop Series, “Teaching Higher-Level Geography at the Secondary Level.” (**Conference Organizer**)
 - November 19th, 2022 GeoFest “Geopolitics and Geocitizenship” (**Conference Organizer**)
 - *GeoFest 2021: Building Spatial Citizenship*, Fall 2021 – **Conference Organizer**