





# Kyle Tredinnick

Social Studies Teacher and Geographic  
Education Consultant

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 Omaha, Nebraska

[geopolarised.com](http://geopolarised.com)

[geographyforgeographers.com](http://geographyforgeographers.com)

[mrtredinnick.com](http://mrtredinnick.com)

## EDUCATION

### Bachelor of Science in Social Studies Secondary Education

(History Emphasis)

*Saint Cloud State University*

*St. Cloud, MN*

2004 - May 2009

### Master of Arts in 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*

## 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, Ecogeography, Environmental Policy, Global Studies, Sociology, Psychology, and United States Government, Instructor for summer MIHV program.

### 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.

### 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

- Summer Program Teacher (2013, 2014, & 2015)
- Summer STEM Program Teacher (2016)



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## TEACHING EXPERIENCE

### **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.

## LICENSES AND CERTIFICATIONS

### **Nebraska Social Sciences Teaching License**

Effective 10/06/2016

### **Geospatial Science & Technology Educator Certification**

In Progress (To be completed by 6/2020)

### **National Geographic Certified Educator**

Effective 04/17/2017

### **National Geographic Certified Geoinquiry Trainer**

Effective 05/31/2019



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## PROFESSIONAL MEMBERSHIPS

- American Association of Geographers
  - Geomenter, 2015-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

## COMMITTEES

- Geographic Educators of Nebraska
  - *Board of Directors*, Fall 2016 - Present
- Geographic Educators of Nebraska
  - *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 - Present
- Nebraska Department of Education
  - *Ad Hoc Committee to Review and Revise State Requirements for Social Studies Endorsement*, Winter 2020 (Dissolved)
- Nebraska Department of Education
  - Social Studies Standards Revision - *Geography Leadership Team*, Fall 2018 – Fall 2019 (Dissolved)
- Omaha Public Schools
  - *Social Studies Standards and Curriculum Team*, Winter 2020 (Dissolved)



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## ADDITIONAL TRAININGS

- Adams State University, Online Delivery
  - *Teaching Geography in the 21<sup>st</sup> 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
- Geographic Educators of Nebraska, University of Nebraska at Omaha
  - *GeoFest*, Fall 2019 - **Conference Organizer**
- GeoTech Center
  - *Geospatial Science & Technology Educator Certification*, Spring 2020
  - *Drone Safety and Applications*, In Progress
- 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
  - *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
- 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
    - *Yellowstone 2021*, Summer 2021 - **Communications Director**



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- 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

## AWARDS AND FELLOWSHIPS

- Environmental Systems Research Institute, *K12 Teacher Video Challenge*, January 2019
- Geographic Educators of Nebraska, *Glidersleeve, Stoddard, Stone Award for Commitment to Geography Education (Nebraska's 2<sup>nd</sup> 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 Geographic *Grosvenor Teacher Fellow*, Summer 2017
- National Geographic *Grosvenor Teacher Fellow Ambassador*, Fall 2019

## STUDENT AWARDS

- 2016 Minnesota on the Map Contest (Winner), Damla Bostan - [Mural Tour of Lake Street in Minneapolis](#)
- 2016 Minnesota on the Map Contest (Winner), Michalina Raczkowska - [YMCA and McDonald's Location vs. Average Income and Age in the Twin Cities](#)
- 2018 Nebraska Mapping Contest (First Place), Sophie Walenta - [Nebraska Aquatic Invasive Species](#)
- 2018 Nebraska Mapping Contest (Runner Up), Karoline Ford - [Salt Creek Tiger Beetle Conservation](#)
- 2019 Nebraska Mapping Contest (First Place), Audrey Anderson - [The Endangered Nebraska Prairie and Its Plants](#)



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## PUBLICATIONS / WEBSITES / GRANTS

- 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, webmaster, <https://geonebraska.weebly.com/>
- Geography for Geographers, [www.geographyforgeographers.com](http://www.geographyforgeographers.com)
- GeoPolaris Education Publications, [Human Geography: A World of Interaction](#), 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](http://www.mrtredinnick.com)
- 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
- Omaha Public Schools: Making Invisible Histories Visible, [They Chose South Omaha](#), Winter 2019
- Stearns County Historical Society, “*Shinny*” in Stearns County, Crossings – A Stearns County Historical Society Publication, Volume 36, Number 1, Jan 2010, pages 3-7



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## PRESENTATIONS

- Elkhorn Rotary Club, August Meeting - Matheson Memorial Library, Elkhorn, NE
  - Aug 10th, 2017 - [Observations from Iceland](#)
- Mid-America GIS Consortium (MAGIC), Annual Conference – Doubletree, Omaha, NE
  - April 25<sup>th</sup>, 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](#)
- Minnesota GIS/LIS Consortium, Annual Conference
  - October 27th, 2016 (Duluth, MN) - [Teaching GIS in a STEM Curriculum](#)
  - October 4<sup>th</sup>, 2017 (Bemidji, MN) - [Intermediate/Advanced GIS for Teachers](#)
  - October 4<sup>th</sup>, 2017 (Bemidji, MN) - [Teaching with GIS \(Keynote Speaker\)](#)
  - October 3rd, 2018 (Duluth, MN) - [Intermediate/Advanced GIS for Teachers](#)
- 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](#)
- 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](#)



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- South Dakota Discovery Center – Badlands National Park, SD
  - June 17-20<sup>th</sup>, 2019 – [Field Data Collection](#)
- University of Nebraska Omaha – College of Education – Social Studies Methods Course
  - December 14<sup>th</sup>, 2017 - [An Introduction to GIS](#)
- University of Nebraska Omaha - Department of Geography/Geology, Omaha, NE
  - April 14<sup>th</sup>, 2019 - AP Human Geography Student Study Session (**Conference Organizer**)
  - December 8<sup>th</sup>, 2019 - GeoFest (**Conference Organizer**)
  - April 15<sup>th</sup> - April 26<sup>th</sup>, 2020 - AP Human Geography Virtual Study Sessions (**Conference Organizer**)