

# Joseph J. Kerski

Geographer and Education  
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## Career Goal

I seek to use my skills in geography and Geographic Information Sciences (GISc) to expand the use of spatial thinking in all sectors of society by fostering educational partnerships, conducting educational research, writing and editing texts and research articles, teaching face to face and online hands-on courses, developing curricula, supporting educators, and training teachers, students, governmental, nonprofit, and industry users at all levels.



## Focus Areas

• **Geography** • **STEM** • **Education** • **Environment** • **GIS** • **Citizen Science**

## Summary

My career has been **focused** on moving research, curriculum development, and partnerships forward for the advancement of geography, STEM, environmental sciences, and geotechnologies in education and society at all levels, internationally. To that end, **I have created 3,500 videos, over 100 articles and book chapters, 7 books, and over 750 curricular items.** I have served **key roles in each of 4 major sectors of society--government, academia, nonprofit, and private industry.**

## Education

**Doctor of Philosophy: Geography**, University of Colorado, 2000.

*Dissertation Title: The Implementation and Effectiveness of Geographic Information System Technology and Methods in Secondary Education.*

*Emphases:* Geography Education, GIS, Population Geography. GPA=4.0

*Coursework Included:* Geographic Teaching Materials, Research in Geographic Education, Disciplined Inquiry, History and Nature of Geography, Population Geography, Seminar in Geographic Information Systems, Internet in K-12 Education, Mathematical Demography, Web authoring independent study for Colorado Geographic Alliance, Quantitative Methods in Geography.

**Master of Arts: Geography**, University of Kansas, 1993.

*Thesis title: The Impact of the Bruce R. Watkins Roadway Project on Neighborhoods in Kansas City, Missouri.* *Emphases:* Geographic Information Systems, Population Geography. GPA=4.0. *Coursework Included:* GIS, Research Methods, Quantitative Methods, Historical Geography.

**Bachelor of Arts, with Distinction: Geography**, University of Colorado, 1984.

*Emphases:* Cartography, Computer Cartography. GPA=3.8. *Coursework Included:* Physical, cultural, regional, and historical geography, cartography, computer cartography, map use, Macro and microeconomics, environmental design, accounting, Spanish.

## Work Experience



### Ph.D., Masters', and Bachelors' Students Supervised

- [1] Steven Melitz, Minnesota State University: *Is America's Youth Prepared for the Future? The Need to Implement Geographic Information Science into the American Education System*, 2015-2017.
- [2] Madison Grace Vorva, Pomona College: *Using Geospatial Analysis for High School Environmental Science Education: A Case Study of the Jane Goodall Institute Community-Centered Conservation Approach*, 2016.
- [3] Jessie Hong, University of Colorado: *Web-based GIS for Middle School Teachers: Using Online Mapping Applications to Promote Teacher Adoption*, 2009-2012.
- [4] Jeff Crews, University of Montana, *Impacts of a Teacher Geospatial Technologies Professional Development Project on Student Spatial Literacy Skills and Interests in Sci & Tech Gr 5-12 Classrooms Across Montana*. 2006-2008.
- [5] Shannon White, North Carolina State University, *GIS and Instructional Technology Diffusion: K-12 Student and Educator Conceptualizations*. 2004-2005.

### Additional Coursework and Training:

**Education and Human Relations:** Time Management, Training Subject Matter Experts, Negotiation Skills. **GIS:** ArcGIS for Desktop, ArcGIS Online, Idrisi, Maptitude, Geomedia, MapInfo, Image Analysis, Spatial & 3D Analyst, C Language, AML, Avenue, ArcGIS Server. **Other:** Web authoring, Physical Geology, Spanish, MSOffice, Dbase, Photoshop, Unix

*Education Manager  
Environmental Systems  
Research Institute*


2006-Present

(1) **Thought Leadership:** Innovate and share leading-edge thought and ideas to foster and support GIS in teaching and learning at all levels and forms of education throughout the world. (2) **Curriculum Development:** Create educational materials that use online and desktop GIS technologies and methods for use in education and in other market sectors; (3) **Partnerships:** Foster educational partnerships among government, industry, professional societies, nonprofit organizations, academia, K-12 education; (4) **Scholarship:** Write and edit textbooks, articles, book reviews, flyers, posters to support and promote GIS education; (5) **Teaching:** Create curricular materials, develop and conduct numerous workshops and courses annually on digital and analog geospatial applications, products, and services to diverse audiences; (6) **Research:** Conduct research on teaching and learning in geography and using geotechnologies; (7) **Communications:** Write articles, create flyers, operate Esri information exhibits at conferences.

*Geographer and  
Cartographer  
US Geological Survey*

1989-2006

(1) Foster educational partnerships among government, industry, professional societies, nonprofit organizations, academia, K-12 education; (2) Write and edit textbooks, articles, book reviews, flyers, posters to promote science and geography and geotechnology education; (3) Create curricular materials, develop and conduct 40 workshops and courses annually on digital and analog geospatial applications, products, and services to a diversity of audiences; (4) Conduct research on teaching and learning in geography and using geotechnologies; (5) Maintain education.usgs.gov and other web resources; create educational CDs, write press releases and articles, operate USGS information exhibits at 20 conferences annually; (6) Create applications, databases, and maps to support the National Spatial Data Infrastructure for scientific projects using technical standards and computer procedures; conduct courses in GIS, spatial analysis, using geospatial data, and developing web resources.

	<p><i>Supervisory Geographer US Bureau of the Census</i></p> <p>1985-1989</p>	<p>Conducted geography program training for wide variety of audiences, including planners and researchers; trained and supervised 120 staffpersons in computer mapping and geocoding; coordinated geography and statistical area programs with state, local and tribal governments and other data users; developed computer databases to control TIGER map production and geographic programs; conducted research and development in digital cartography.</p>
<p><b>Education Experience</b></p> 	<p><i>Adjunct Instructor University of Denver</i> 2000-present</p> <p><i>Adjunct Instructor Elmhurst College</i> 2014-2016</p> <p><i>Teaching Assistant Penn State University</i> 2013-present</p> <p><i>Instructor Online Learning Consortium</i> 2014-2016</p> <p><i>Instructor The Academy for Lifelong Learning</i> 2017</p> <p><i>Instructor eNet Colorado</i> 2012-present</p> <p><i>Instructor T3G Institutes</i> 2009-present</p> <p><i>Instructor Eastern Michigan Univ</i> 2005-present</p> <p><i>Advisory Board Colorado Geographic Alliance and Emily Griffith Technical Coll,</i> 2000-Present</p> <p><i>Instructor Denver Public Schools JeffCo Public Schools</i> 2003-2005</p> <p><i>Instructor Sinte Gleska University Rosebud, South Dakota</i> 2002-2015</p>	<p>Teach GIS theory and applications and public domain data courses through the University of Denver's GIS program. Create and implement all exercises, exams, and curriculum.</p> <p>Advise Advanced Placement Human Geography certificate program; create and teach online courses: Urban, Economic, &amp; Population Issues in Human Geography, and Skills for the Digital Earth MOOC.</p> <p>Create hands-on lab exercises for and serve as teaching assistant for Penn State (1) Maps and the Geospatial Revolution MOOC; (2) Geodesign MOOC; (3) GeoIntelligence MOOC. Offerings have attracted 150,000 students to date.</p> <p>Create and teach online 9 week course and 1 week short courses: <i>GeoTechnology in Education</i>.</p> <p>Create and teach face-to-face "why mapping matters to society" course.</p> <p>Create and teach online 5 week courses: <i>Story Mapping for Education, Spatial Thinking for Educators, Spatial Thinking and Geotechnologies I and II</i>.</p> <p>Create and teach content and skills for annual Teachers Teaching Teachers GIS (T3G) institutes for 400 primary, secondary, university, and informal educators.</p> <p>Co-create educational GIS certificate program content; co-create all course materials and activities; teach online courses and workshops.</p> <p>Serve on advisory board for the Colorado Geographic Alliance and Emily Griffith Technical College: Curriculum development, professional development for educators, partnerships, GIS in education, fundraising.</p> <p>Advise schools on new GIS programs; create course materials; teach first course in program; serve as Spanish Instructor.</p> <p>Create and instruct the first online GIS course at the Rosebud Sioux's Sinte Gleska University. Advise university staff on design of program; teach hands-on workshops, foster partnerships between the tribe, the university, the communities, the schools, and the USGS.</p>

<i>Guest Instructor</i> <i>University of TX-El Paso</i> <i>2001-2002</i>	Serve as guest instructor for several GIS courses to build an international interdisciplinary GIS community in E-911 services, news media, regional councils, public works, wastewater treatment, and in other disciplines.
<i>Guest Instructor</i> <i>University of Montana</i> <i>2002-2005</i>	Serve as guest instructor for University of Montana's online GIS course for educators. Answered technical and curriculum integration questions and worked with EOS staff.
<i>Adjunct Instructor</i> <i>Red Rocks College</i> <i>1995-2001</i>	Created and maintained first GIS course at Red Rocks Community College; wrote successful grant proposal for GIS program strategic plan.
<i>Visiting Scientist</i> <i>Program</i> <i>Metro State College</i> <i>1993-present</i>	Teach approximately 285 (thus far) hands-on classes and institutes at primary, secondary, and college level, on physical and cultural geography, GIS, remote sensing, cartography, and natural hazards, throughout Colorado.
<i>Adjunct Instructor</i> <i>Metropolitan State College</i> <i>1994-1995</i>	Created GIS curriculum/assessments; taught Advanced GIS and ArcInfo courses. Participated in campus-wide GIS implementation team.
<i>Geographer, USGS</i> <i>1989-2006</i>	Teach 40 workshops annually for government, news media, Congressional, K-12, professors, the research community, general public, and other audiences on the use and application of spatial data, technology, and methods.

## Books, Book Chapters, and Forewords



- Kerski, Joseph J. Forthcoming. *GIScience in Canadian Higher Education: Teaching and Learning Perspectives*. Edited by Balram Shivanand and James Boxall. Foreword. Springer.
- Kerski, Joseph J. 2016. Location Privacy. *The Geographic Information Science & Technology Body of Knowledge (3<sup>rd</sup> Quarter 2016 Edition)*, John P. Wilson (ed.). doi: [10.22224/gistbok/2016.3.2](https://doi.org/10.22224/gistbok/2016.3.2)
- Kerski, Joseph J. 2016. *Interpreting Our World: 100 Discoveries That Revolutionized Geography*. ABC-CLIO. ISBN: 978-1-61069-919-8.
- Kerski, Joseph J. 2015. Opportunities and Challenges in Using Geospatial Technologies for Education, In Muniz Solari et al. (eds.), *Geospatial Technologies and Geography Education in a Changing World*, Japan: Springer, pp. 183-194.
- Milson, Andrew J., and Kerski, Joseph J. 2015. Around the world with geospatial technologies. Chapter 25 in *Social Studies Today: Research and Practice, 2<sup>nd</sup> Edition*. Edited by Walter C. Parker. Routledge, 310p.
- Kerski, Joseph J. 2014. Foreword to *Birds Without Borders—Investigating Populations, Habitats, and Conservation of Birds in the U.S. and Abroad*, by Nancy M. Trautmann, James G. MaKinster, and the Crossing Boundaries Team. Carte Diem Press.
- Clark, Jill A., and Kerski, Joseph J. 2015. Using geotechnology tools in sports coaching. Chapter 15, in *Practical Sports Coaching*, edited by Christine Nash. Routledge, pp. 277-308.
- Kerski, Joseph J., and Baker, Thomas R. 2014. Collecting geo-data to support classroom field studies. Chapter 5, in *Learning and Teaching with Geomedia*, edited by Gryl, Inga, Jekel, Thomas, Juneau-sion, Caroline, Lyon, John, and Sanchez, Eric. Cambridge Scholars Publishing, pp. 59-69.

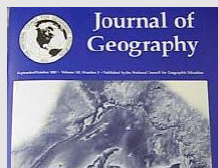
- Kerski, Joseph J. 2014. Mapping for Understanding Community, Region, and the World: Using GIS in Indigenous Education. In *Mapping Native America: Cartographic Interactions Between Indigenous Peoples, Government, and Academia: Cartography and Indigenous Autonomy*. Dan Cole, Smithsonian Institution (Ed.).
- Baker, Thomas R., and Kerski, Joseph J. 2014. *Lone Trailblazers: GIS In K-12 Science Education*. In MaKinster, J.G., N.M. Trautmann, & G.M. Barnett. *Teaching science and investigating environmental issues with geospatial technology: Designing effective professional development for teachers*. Dordrecht, Netherlands: Springer, pp. 347-372.
- Arlinghaus, Sandra Lach, and Kerski, Joseph J. 2013. *Spatial Mathematics: Theory and Practice Through Mapping*. CRC Press/Taylor & Francis, 300p.
- Milson, Andy, Kerski, Joseph J., and Demirci, Ali. 2012. *International Perspectives on GIS in Secondary Education*. Netherlands: Springer. Co-editor, author.
- Kerski, Joseph J., and Jill Clark. 2012. *The GIS Guide to Public Domain Data*. Redlands, CA: Esri Press.
- Adams, Joy K., Huynh, Niem Tu, Kerski, Joseph J., and Hall, Brent. Chapter 2: Geography Education and Career Readiness. 2012. In *Practicing Geography: Careers for Enhancing Society and the Environment*. Pearson.
- Gadsden, David, Taylor, Anne, and Kerski, Joseph J. 2012. *Tribal GIS: Supporting Native American Decision Making*. Redlands, CA: Esri Press.
- Kerski, Joseph J., and Edelson, Danny. 2011. Foreword. Plus one chapter. *Geographic Literacy in the United States*. Rutherford, D., Elbow, G., and Shearer, C. (eds.). Washington, DC: National Council for Geographic Education.
- Kerski, Joseph J. 2011. Sleepwalking Into the Future: The Case for Spatial Analysis Throughout Education. In *Learning with Geoinformation*. Donert, Karl and Lindner-Fally, Michaela (eds.). Wichmann.
- Kerski, Joseph J. 2010. *Foreword: Reading, Writing and Thinking Around the Globe: Geospatial Technologies for the English Language Arts Classroom and Beyond*, by Barbaree Duke, Carte Diem Press.
- Kerski, Joseph J. 2010. *Foreword: Putting Interpretation on the Map*, by Heidi Bailey. Fort Collins, CO: National Association of Interpretation.
- Wilson, John, et al. 2011. *Deploying ArcGIS on a Higher Education Campus*. Esri Press. Reviewer and editor. E-book.
- Kerski, Joseph J. 2010. Spatial Thinking to Understand Europe: The Global GIS Project. In *Using GIS in European Geography Education*, Karl Donert and Przemyslaw Charzynski (Eds.), Esri Press.
- Kerski, Joseph J. 2008. Comparing sea level rise in cities. Teaching boxes in Stan Brunn, Don Ziegler, and [Maureen Hays-Mitchell](#), eds. *Cities of the World*. 4th Edition. Rowman & Littlefield Publishers, Inc.
- Kerski, Joseph J. 2008. Towards an International Education Community. *Digital Geography*. Information Age Publishing, pp. 61-76, Chapter 3.
- Kerski, Joseph J. 2008. The World at the Student's Fingertips: Internet-based GIS education opportunities. *Digital Geography*. Information Age Publishing, pp. 119-134, Chapter 6.
- Kerski, Joseph J. 2007. GIS in Education. In *Handbook of GIS*. John Wilson and Stewart Fotheringham, eds. Blackwell Publishers. ISBN 9781405107952

<b>Columns and Social Media</b>	<p>Lewis, Gary B., and Christine V. McLelland. <i>Earthcaching—An Educator's Guide</i>. Boulder, CO: Geological Society of America. ISBN: 0-8137-7617-1. Co-author of this guide and in training educators in earthcaching.</p> <p>Kerski, Joseph J. 2007. Mapping for science. Chapter 2 in <i>California Science</i>. Textbook. Glencoe-McGraw Hill.</p> <p>Bryan, Dale-Marie, Cecilia Minden-Cupp, and Joseph Kerski. 2006. <i>The Colorado River</i>. New York: Scholastic Library Publishing. ISBN 0516250337.</p> <p>Labella, Susan, Cecilia Minden-Cupp, and Joseph Kerski. 2006. <i>West Virginia</i>. New York: Scholastic Library Publishing. ISBN 0516249940.</p> <p>Kerski, Joseph and Simon Ross. 2005. <i>Essentials of the Environment</i>. United Kingdom: Hodder Educational Media and Oxford University Press. ISBN 0340816325.</p> <p>Coulter, Bob and Joseph Kerski. 2005. Using GIS to transform the mathematical landscape. Chapter 22 in <i>Technology-Supported Mathematical Learning Environments: 67<sup>th</sup> Yearbook of the National Council of Teachers of Mathematics</i>. Reston, VA: Nat'l Council of the Teachers of Mathematics. ISBN 0-87353-569-3.</p> <p>Kerski, Joseph J. 2004. GIS for Citizenship Education, in <i>Geography and Citizenship Education: Research Perspectives</i>. Edited by A. Kent and A. Powell. Published for the International Geographical Union Committee on Geographic Education by University of London Institute of Education. ISBN 0-9539850-4-0, pp. 129-138.</p> <p>Kerski, Joseph J. 2003. Foreword. <i>Making Community Connections</i>. Redlands, California: Esri Press.</p> <p>Malone, Lyn, Christine L. Voigt, Anita M. Palmer. 2003. <i>Community Geography: GIS In Action</i>. Redlands, California: Esri Press. Served as technical editor.</p> <p>Malone, Lyn, Christine L. Voigt, Anita M. Palmer. 2002. <i>Mapping Our World: GIS Lessons for Educators</i>. Redlands, California: Esri Press. Served as technical editor.</p>
	<hr/> <p>Kerski, Joseph J. 2016-present. Column: <i>GeoInspirations: Making a Difference in Geography and Geotechnologies</i>. Appears 12-20 times each year. <i>Directions Magazine</i>. Example: <a href="http://www.directionsmag.com/entry/geoinspirations-madison-vorva-a-voice-for-change/475637">http://www.directionsmag.com/entry/geoinspirations-madison-vorva-a-voice-for-change/475637</a></p> <p>Kerski, Joseph J. 2013-present. Geography Education Column: <i>What's Wrong with this Picture?</i> Appears 4 times each year, <i>The Geography Teacher</i>, National Council for Geographic Education, Taylor &amp; Francis.</p> <p>Kerski, Joseph J., and Weaver, Amanda. 2011-2013. Geography Education Column: <i>What's Wrong with this Picture?</i> Appeared 6 times each year, <i>Perspective</i>, National Council for Geographic Education.</p> <p>Kerski, Joseph J. 2002-2011. Geography Education Column: <i>Isn't That Spatial</i>. Appeared 6 times each year, <i>Perspective</i>, National Council for Geographic Education.</p> <p>Kerski, Joseph J. 2007-present. Blog: GIS Education Community. Weekly blog on <a href="http://edcommunity.esri.com">http://edcommunity.esri.com</a> on pedagogical issues, technological tools, and other topics of interest to the geospatial education community.</p> <p>Daily posts to Twitter, LinkedIn, Esri EdCommunity, Facebook, YouTube, GeoNet, Instagram, since 2009. Followers: 5,000 (Twitter), 2,500 (YouTube).</p>
	<hr/> <p>• 2008-present. Over 3,500 videos created for online geo-channel: <a href="http://www.youtube.com/geographyuberalles">www.youtube.com/geographyuberalles</a>, on mapping, GIS, geography education,</p>

**Other Media**



## Articles



fieldwork, STEM, climate, landforms, urbanization, and other topics.

- 2007-present. Map Projections, GIS, geography education. Videos for Esri and NCGE.
- 2007. Exploring Asia. Video for National Geographic Society. Part of Esri development team.
- 2006. *Geography for Students*. A featured interview subject in this series of DVDs produced by Schlessinger Media. Received NCGE media award, 2009.
- *Ten Cool Things About the USGS*. Served on planning team to create this video, produced by SceneThree, US Department of the Interior.
- Conducted broadcast for National Public Radio's *Weekend America* and also for KEOM Radio, Texas. Featured in *Backpacker* magazine about GPS and the outdoors, February 2007.
- Appearing in several newspaper and magazine articles about geography and science annually.

Kerski, Joseph J. Forthcoming. Collecting and analyzing field data in education. *Interaction: Journal of the Geography Teachers Association of Victoria (Australia)*.

Kerski, Joseph J. 2017. Trespassing Across America: One Man's Epic, Never-Done Before (and Sort of Illegal) Hike Across the Heartland, Book Review. *Journal of Geography* 1(1): 9-10.  
<http://www.tandfonline.com/doi/full/10.1080/00221341.2016.1273964>

Kerski, Joseph J. 2017. Teaching spatial thinking with abductive reasoning. *Teaching-focused in HE: The GEES network*.  
<https://teachingfocusedgeesnetwork.wordpress.com/2017/02/14/teaching-spatial-thinking-with-abductive-reasoning/> February.

Kerski, Joseph J. 2017. Water Quality. *The Geography Teacher* 14(1): 36-41. January.  
<http://www.tandfonline.com/doi/full/10.1080/19338341.2016.1260623>

Kerski, Joseph J. 2016. Teaching with geotechnologies – Teaching spatial thinking and GIS using abductive reasoning. *GeoAgenda* 2016(5): 12.

Kerski, Joseph J. 2016. Citation for Charlie Fitzpatrick 2016 Recipient of the George J Miller Award for Distinguished Service. *Journal of Geography* 116(1): 1-2.  
<http://www.tandfonline.com/doi/full/10.1080/00221341.2016.1231829>

Kerski, Joseph J. 2016. Critical thinking about elections maps and data. *The Geography Teacher* 13(3): 145-150. August.  
<http://www.tandfonline.com/doi/full/10.1080/19338341.2016.1196597>

Kerski, Joseph J. 2016. Creating a story map: Why and How.  
<http://www.coordinateessociety.org/#!Creating-a-Story-Map/e60aq/57431ca60cf2d7217a1c1bb8>. *Coordinates Society Journal*.

Kerski, Joseph J. 2016. Famous boots of Wimberley, Texas. Creating a story map:  
<http://www.coordinateessociety.org/#!Creating-a-Story-Map/e60aq/57431ca60cf2d7217a1c1bb8> *Coordinates Society Journal*.

Kerski, Joseph J. 2016. The true cost of food. *The Geography Teacher* 13(2): 82-86. May.

Kerski, Joseph J. 2016. Learning about the environment and making smarter decisions using web-based mapping tools. *Earthzine*.  
<http://earthzine.org/2016/04/29/learning-about-the-environment-and-making->

[smarter-decisions-using-web-based-mapping-tools/](#). Spring.

Kerski, Joseph J. 2016. Creating an oasis in the desert. *The Geography Teacher* 13(1): 31-36. Spring.

Kerski, Joseph J. 2016. Teaching the Whys of Where: Enhancing Understanding Through Geography. *WCET Frontiers. Trekking through the e-learning policy and practice wilderness*. March. <https://wcetfrontiers.org/2016/03/01/enhancing-understanding-through-geography/>

Kerski, Joseph J. 2015. Earth science inquiry with web mapping tools. *The Earth Scientist* 31(4): 11-18. December. <http://www.nestanet.org/cms/sites/default/files/journal/currentjournal.pdf>

Kerski, Joseph J. 2015. Connecting time, place, and space through dynamic web mapping. *History Matters* 28(3): November. <https://www.nche.net/pages/history-matters/november-2015---kerski>

Kerski, Joseph J. 2015. Why data quality matters—Now more than ever. *Directions Magazine*. <http://www.directionsmag.com/entry/why-data-quality-matters-now-more-than-ever/448779>.

Arlinghaus, Sandra L., and Kerski, Joseph J. 2015. Category Theory in Geography? *Quaestiones Geographicae* 34(4) 61-68.

Arlinghaus, Sandra L., Arlinghaus, William C., and Kerski, Joseph J. 2015. Topics in Spatial Mathematics: Area. *Solstice: An Electronic Journal of Geography and Mathematics* 26(2): December issue. <http://www.mylovedone.com/image/solstice/win15/ArlinghausArlinghausKerski.pdf>.

Arlinghaus, Sandra L., and Kerski, Joseph J. 2015. Spatial transformations and visualizations: Selected common threads and root concepts linking old and new. *Solstice: An Electronic Journal of Geography and Mathematics* 26(1): June issue. <http://www.mylovedone.com/image/solstice/sum15/ArlinghausKerskiSolstice2015.pdf>

Kerski, Joseph J. 2015. What's wrong with this picture? The impact of freeways on urban neighborhoods. *The Geography Teacher* 12(1): 49-52.

Kerski, Joseph J. 2015. Geo-awareness, geo-enablement, geotechnologies, citizen science, and storytelling: Geography on the world stage. *Geography Compass* (9)1: 14-26.

Robinson, Anthony C., Kerski, Joseph, Long, Erin, Luo, Heng, DiBiase, David, and Lee, Angela. 2015. Maps and the geospatial revolution: Teaching a massive open online course (MOOC) in geography. *Journal of Geography in Higher Education* 39(1): 65-82.

Kerski, Joseph J. 2014. What's wrong with this picture? Urban Sprawl. *The Geography Teacher* 11(3): 123-127.

Kerski, Joseph J., and Fournier, Eric J. 2014. Citation for Robert S. Bednarz, 2014 Recipient of the George J Miller Award for Distinguished Service. *Journal of Geography*.

Kerski, Joseph J. 2014. What's wrong with this picture? The declining water table. *The Geography Teacher* 11(2): 82-85.

Kerski, Joseph J. 2014. What's wrong with this picture? Solid Waste. *The Geography Teacher* 11(1): 43-46.

Kerski, Joseph J. 2014. Sleepwalking into the Future: Why the Geographic Perspective and Geospatial Technologies Are Critical to 21st Century Education and Society. *Bulletin of the Geographical Society of China*, 52, 1-10.

- Kerski, Joseph J., Demirci, Ali, and Milson, Andrew J. 2013. The global landscape of GIS in secondary education. *Journal of Geography* 112(6): 232-247. Fall 2013.
- Kerski, Joseph J. 2014. Earth Inquiry: Investigating the Earth using web mapping tools. *Interaction: Journal of the Geography Teachers Association of Victoria (Australia)*. 42(1): 9-17.
- Kerski, Joseph J. 2013. Understanding our changing world through web-based mapping investigations. *J-READING: Journal of Research and Didactics in Geography*, 2(2): 11-26. <http://www.j-reading.org/index.php/geography/article/view/39/60>.
- Kerski, Joseph J. 2013. Understanding our changing world by asking questions with web mapping tools. *Illinois Council for the Social Studies Quarterly* 2(3): 3-11. Fall 2013.
- Arlinghaus, Sandra L., and Kerski, Joseph J. 2013. MatheMaPics. *Solstice: An Electronic Journal of Geography and Mathematics*, Summer. <http://www.mylovedone.com/image/solstice/sum13/MatheMaPicsPart2.html>.
- Baker, Thomas R., Kerski, Joseph J., Tu Huynh, Niem, and Viehrig, Kathrin. 2013. Call for an agenda and center for GIS education research. *Review of International Geographical Education Online*, 2(3): 254-288. Winter.
- Kerski, Joseph J. 2013. Everyday Geography: 365 Reflections on Why Geography Matters. *The Geography Teacher* 9(2): 64-65.
- Kerski, Joseph J. 2012. Spatial environmental education: Teaching and learning about the environment with a spatial framework. *Earthzine*. Fall 2012.
- Milson, Andy, and Kerski, Joseph J. 2012. Around the world with geospatial technologies. *Social Education* 76(2): 105-108. Washington DC: National Council for the Social Studies. <https://dspace.uta.edu/bitstream/handle/10106/11692/around%20the%20world.pdf?sequence=1>
- Bennimas, Aicha, Joseph Kerski, and Patricia Solis. 2011. The impact of a geographic technologies professional development institute on Middle Eastern and North African teachers. *International Research in Geographical And Environmental Education* 20(1): 21-45.
- Duke, Barbaree, and Kerski, Joseph J. 2010. Geo-Cool: Exploring the Earth with Geotechnologies. *Learning and Leading with Technology* (International Society for Technology in Education).
- Kerski, Joseph J. 2010. Learning About Your Community and the World with GIS. *Science in Schools* 15(10). (Germany).
- Kerski, Joseph J. 2010. Pointed Journeys. *American Surveyor* 7(2): 60-64. [http://www.amerisurv.com/PDF/TheAmericanSurveyor\\_Kerski-PointedJourneys\\_Vol7No2.pdf](http://www.amerisurv.com/PDF/TheAmericanSurveyor_Kerski-PointedJourneys_Vol7No2.pdf).
- Baker, Thomas R., Anita M. Palmer, and Joseph Kerski. 2009. A national survey to examine teacher professional development and implementation of desktop GIS. *Journal of Geography* 108: 174-185.
- Kerski, Joseph J. 2008. The role of GIS in digital earth education. *International Journal of the Digital Earth* 1(4): 326-346.
- Schultz, Richard B., Joseph Kerski, and Todd Patterson. 2008. The use of virtual globes as a spatial teaching tool with suggestions for metadata standards. *Journal of Geography* 107(1): 27-34.

- Kerski, Joseph J. 2007. What's really important in interpreting for climate change. *Legacy*. Journal of the National Association for Interpretation. May/June, pp. 34-37.
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Recent Professional Activities	<p><b>North Dakota GIS Conference</b>, Keynote Speaker, 2017.</p> <ul style="list-style-type: none"> <li>Invited keynote speaker – the Future of GIS in education, careers, and society.</li> </ul> <p><b>2 Universities in Florida</b>, 2017. Keynote speaker, workshop leader, meetings with faculty and students.</p> <ul style="list-style-type: none"> <li>University of Central Florida, University of Florida.</li> </ul> <p><b>4 Universities in Illinois</b>, 2017. Keynote speaker, workshop leader, meetings with faculty and students.</p> <ul style="list-style-type: none"> <li>University of Illinois, Western Illinois University, University of Chicago, North Park University.</li> </ul> <p><b>Youth Mappers Project</b>, 2016-present.</p> <ul style="list-style-type: none"> <li>Partner with and advise the American Association of Geographers and Esri on citizen science, mapping, and international development efforts, including research on OpenStreetMap.</li> </ul> <p><b>4 Universities and 2 Schools in New Mexico</b>, 2016. Keynote speaker, workshop leader, meetings with faculty and students.</p>

- New Mexico State University, New Mexico Tech, Western New Mexico University, and University of New Mexico. Santa Fe Indian School and Albuquerque Academy.

**International Perspectives on Geography and Earth Science Teacher Education Conference, Pädagogische Hochschule FHNW University, Switzerland, 2016.**

- Invited speaker, additional visits to ETH University and Zug International Secondary School.

**National Science Foundation and Other Funded Projects, 1995-2017.** Assisted with proposal writing, teaching, curriculum, and Advisory Board for the following projects:

- GIS Tech, Del Mar College, Texas: <http://gistech.delmar.edu/>.
- Global Youth TechCamps, AAG and US State Department: <http://www.aag.org/TECHCAMPS/INTERNATIONAL>
- Digital Earth Europe: <http://www.digital-earth.eu>.
- Community Science Investigators: MIT and Missouri Botanical Garden.
- GIS Career and Education initiative, California: <http://geoinfo.sdsu.edu/hightech/>
- GeoTech Center: <http://www.geotechcenter.org>
- Crossing Boundaries Project: <http://crossingboundariesproject.org/>.

**Geo'Ed Conference, 2016.**

- Keynote speaker, receive lifetime achievement award, conduct workshop. This conference is run by the GeoTechCenter, the leader in GIS in community colleges.

**Community College and Universities in Texas, 2016.** Keynote speaker, workshop leader, meetings with faculty and students.

- Texas State University, University of Texas San Antonio, Austin Community College.

**Applied Geography Conferences, 2012-2015.**

- Serve on team to integrate and present on business and geography research and development.

**Montana State GIS Conference, Great Falls, 2016.**

- Invited keynote address; teach GIS workshops; advised Montana state GIS professionals.

**United Nations University and 5 other universities, Japan, 2015.**

- Invited speaker; discussed partnerships in GIS in education with UNU and Esri Japan.

**Iowa State GIS Conference, Pella, 2015.**

- Invited keynote address; teach GIS workshops; advised Iowa state geomentors.

**Spatial Literacy Initiative, Abu Dhabi, 2013-2015.**

- Create and conduct geo-enabled lessons and series of hands-on workshops to showcase teaching with technology throughout Abu Dhabi to support Memorandum of Understanding there between the Abu Dhabi Department of Education and Esri.

**European SchoolNet, 2013-2016.**

- Foster partnerships in geospatial education; create geo-enabled lessons to showcase teaching with technology throughout Europe; conduct webinars.

**East Africa GIS Initiatives, 2010-present.**

- Teach GIS classes, promote teaching, learning, and research with GIS in 6 universities and secondary schools.

**Taiwan Geography Education Association, Taipei, Taiwan, 2008 and 2014.**

- Invited keynote addresses; teach GIS and GPS workshops.

**Geographical Association, 2000-present.**

- Meet with partners in education; Teach hands-on workshops and give presentation on the use of Web GIS in geography education.

**North American Association for Environmental Education, 2011-present.**

- Created geocaching course for attendees, participated in author's corner, gave

presentation on Web GIS in environmental education.

**Night with a Geographer, 2014-2016.**

- Gave keynote addresses in this series of presentations at museums, businesses, and libraries on geography and society, Fort Collins, Colorado.

**GI-Forum, 2011.**

- Gave keynote address on GIS education, University of Salzburg, Austria.

**GIS in the Rockies Conferences, 1992-present.**

- Give keynotes and other addresses on geography and GIS education, Colorado.

**American Educational Research Association (AERA), 2010-present.**

- Co-teach hands-on GIS courses with Census Bureau and Washington University in St Louis on integrating educational research and spatial analysis through GIS.

**National Council of the Teachers of Mathematics (NCTM), 2010.**

- Networked with NCTM educators at national conference and created 22 GIS-based mathematics inquiry-driven lessons.

**National Council for Geographic Education, 1995-present.**

- Elected to NCGE Executive Board, Research and External Relations, 2002-2004, Vice President 2008-2010, President, 2011, Past President, 2012. Work with board and members to craft vision for future and implement strategies to make vision a reality. Create and foster educational partnerships between NCGE and other educational organizations. Conducted presentations on GIS in education, cultural geography, and physical geography.

**Partnership for 21<sup>st</sup> Century Skills, 2004 and 2009.**

- Served with a National Council for Geographic Education Task Force on the Partnership for 21<sup>st</sup> Century Skills, to include geography on a critical set of documents for the US Department of Labor and US Department of Education ([www.21stcenturyskills.org](http://www.21stcenturyskills.org)).

**Bird's Eye: Remote Sensing in Education, NASA and NCGE, 2006-present.**

- Create curricular materials as part of NASA-funded project with the National Council for Geographic Education that use remote sensing technologies and imagery.

**My Community Our Earth Project, 2005-2014.**

- Partner with and advise the Association of American Geographers and Esri to conduct geography and watershed institutes and ongoing curriculum development for instructors in the Pacific Basin, Latin America, Philippines, and Tunisia, co-authored article for the *International Research in Geography and Environmental Education*.

**Teaching with Primary Resources, Fairfield University, 2009.**

- Advise and give presentations and webinars for Library of Congress-funded project.

**University of Cambridge, Liverpool Hope University, United Kingdom, 2007.**

- Give keynote address and teach a variety of GIS workshops as part of UK and Europe-based educational initiatives, including Cambridge Partnership and HERODOT.

**GIS For Oil and Gas Professionals, Colorado School of Mines; Colorado Mesa University, 2007-2014.**

- Co-conducted institutes for mining and oil and gas professionals in GIS and GPS.

**Earthcaching and GoEarthTrek, Geological Society of America, 2006-2009.**

- Advise, create curriculum, and conduct workshops in these field-based geotechnology NGS-funded projects.

**Definitions Project, National Interpretation Association, 2005-2007.**

- Partner with 26 federal agencies and nonprofit associations to create metadata for environmental education and park interpretive work.

**National 4H GeoTechnologies Project, USDA and Esri, 2003-2009.**

- Partner with USDA and Esri on curriculum development and teach webinars on the effective use of GPS and GIS in informal education settings.

**Book, Geographic Education National Implementation Program, 2006-2007.**

- Book proposal that fosters teaching and learning using Virtual Globe technologies (such as Google Earth and NASA Worldwind) and web-mapping tools (such as The National Map and National Atlas).

**Proposal to Create and Maintain NSDI Liaisons Web Resources in NGPO, 2006.**

- Create template for liaisons in the National Geospatial Partnerships Office, USGS.

**Education Portal Web Master, 2006.**

- Create new content for and manage <http://education.usgs.gov> education portal.

**Exploring Biodiversity and Urban Sprawl Along Colorado Front Range, 2000-2006.**

- Conduct workshops in the use of geographic techniques in biology education, write curricula using GIS, and serve on advisory board in NGS-funded project and beyond.

**Exploring Geography Using Geotechnologies, New Zealand, 2005.**

- Gave presentation on the importance of spatial thinking to society for the US Ambassador to New Zealand and the Ministry of Education; co-conducted institute in the use of GIS and GPS to examine geographic issues for groups of international teachers in New Zealand.

**Examining Sustainability, Biodiversity, Ecotourism, and Geography Using Geotechnologies, Costa Rica, 2004-2005.**

- Co-created and co-conducted 9-day institutes in the use of GIS and GPS to examine geographic issues for groups of international teachers in Costa Rica.

**Book and Web Resource Reviews, College Board, 2004.**

- Reviewed books and Internet resources for College Board web site to support educators teaching AP Human Geography.

**Assessment of GIS Program, Burlington County College, New Jersey, 2004.**

- Created 30-page assessment and recommendations for college on current status and future of college's GIS program.

**Geography and GIS Web Site Assessment, 3Clix.Info, 2004-2005.**

- Identified, assessed, and rated web-based geography and technology resources for 3Clix Company.

**Distance Learning and GIS Curriculum Development, North Carolina School of Mathematics and Science, 2004-2005.**

- Created on-line and in-school curriculum, gave keynote addresses, and taught classes in the use of geotechnologies for faculty and students.

**Standing Rock Sioux GIS Workshop, GIS Workshops for Educators, 2004.**

- Created and conducted workshops in the use of GIS for tribal, scientific, and educational applications at two tribal headquarters and at the South Dakota Department of Education.

**Spatial Education Coordination with Orton Family Foundation, 2000-2004.**

- Coordinated curriculum development and training for educators with the Orton Family Foundation's Community Mapping Program.

**Virtual Immersion in Science Inquiry for Teachers, 1998-2003.**

- Conduct workshops in the use of GIS for science and geography teachers in this NSF-sponsored project, contribute to online learner collaboratory, serve on advisory board.

**Geography Education Magazine for Science (GEMS), 2002-2004.**

- Sought and received National Geographic Society funding for this electronic magazine portal to federal educational resources; advise web designer; create content; publicize.

**Jefferson County, Adams-12, and Horace Mann Middle School, Educational GIS Implementation Projects, Colorado, 1996-2007.**

- Co-wrote three approved grants, created natural hazards, oil, county demographics, and neighborhood analysis GIS-based lessons, and instructed teachers and students.

**National GIS Institutes, Texas State Workforce Development Program, Texas State University, 1998, 1999, and 2003.**

- Co-trained instructors from across the USA and Canada in GIS techniques in the first such institutes ever conducted.

**Satellite Broadcast, Southwest Indian Polytechnic Institute, Albuquerque, 1999.**

- Participated in broadcast to all Native American colleges and universities about applications of GIS on tribal lands and in tribal schools.

**First GIS Institute for Preservice Educators, Roger Williams University, 1999.**

- Trained Department of Education faculty from across the USA on GIS in the first institute for education faculty who train teachers.

**Native American GIS / Internet Institute, Northern Arizona University, 1999.**

- Co-trained 15 Native American educators and tribal environmental professionals across the USA and Canada in GIS and Internet techniques.

***Selected  
Conference  
Workshops  
and Papers***

**American Association of Geographers, 1994-2017.**

- Presented papers on Exploring Biodiversity along the Front Range, Analyzing State Population Centers from 1900 to 2010, and other geographic research.

**West Virginia Statewide GIS Institute, 2010.**

- Gave keynote address, taught workshop, advised institute organizers.

**National Council for the Social Studies, 2006-2016.**

- Create and conduct workshops and presentations on using web mapping and GIS for teaching history and geography.

**International GIS Conference, Istanbul, Turkey, 2008.**

- Presented workshop, panel, and paper on GIS in education for international audience.

**Delaware GIS Conference, 2008.**

- Capstone presenter on the importance of GIS in education and society.

**International Society for the Digital Earth, 2007.**

- Presented paper on GIS in education for international audience.

**New Zealand Geographical Society and New Zealand Social Science Conferences, 2003, 2005, 2007.**

- Conduct workshops across New Zealand for instructors integrating GIS technology and methods into secondary and university curricula.

**National Council for Geographic Education, 1995-present.**

- Conduct workshops on the environment, glaciation, karst, mapping, GIS, and GPS.

**Geographical Association, UK, 2001-2012.**

- Create and nurture partnerships between the Geographical Association and other organizations, conduct workshops, present papers.

**International Geographical Union, 2003.**

- Present paper on the interaction between GIS and citizenship education at the IGU's Commission on Geographical Education conference, University of London.

**National States Geographic Information Council, 2006.**

- Conducted presentation for researchers at the Pacific Institute for Research and Evaluation on social and environmental study in Baltimore; educational partnership

efforts.

**National Interpretation Association, 2002-2006.**

- Conducted workshops on GPS and field methods for conference attendees.

**National Indian Education Association, 2001-2005.**

- Conducted presentations on cooperative agreement between USGS and Rosebud Sioux; on GIS in Native American education, and hands-on GIS workshops.

**Esri User Conferences, San Diego, California, 1998-present.**

- Presented papers and user demonstrations on implementing and assessing GIS in the secondary school curriculum; operated USGS exhibits; organized map gallery.

**International Conference on GIS In Education, San Bernardino, California, 2000.**

- Presented papers and workshops on implementing and assessing GIS in education and operated USGS information exhibit.

**World 2000 Conference on Teaching World History and Geography, Univ of Texas.**

- Conducted presentation on teaching university-level world history and geography.

**Association for Educational Communications and Technology, 1999.**

- Conducted workshop on pedagogical implications of the use of GIS.

**Western Social Science Association, 1998.**

- Presented research on population polarization on the Great Plains.

**Geo-Tech Texas, Dallas, 1997-2009.**

- Plan and conducted workshops for educators on technology in geography education, fieldwork, Antarctica, and teaching with topographic and thematic maps.

**Annual Meetings, Geological Society of America, 1996-2011.**

- Co-conducted workshops for teachers with Esri on GIS and earth science.

**Recent  
Research and  
Development  
Projects**

*GIS&T Body of Knowledge.* 2013-present. Initiative from the University Consortium for Geographic Information Science (UCGIS.ORG) to update and crowdsource the definitive "body of knowledge" content and skills for Geographic Information Sciences.

*BioBlitz, Web Mapping, Story Mapping, University, Government, and Industry Partnerships.* For the 100<sup>th</sup> Anniversary of the National Park Service and beyond.

*Energy for ME.* 2011-2012. NSF-funded project involving sustainable energy and technology in education for Maine educators and students.

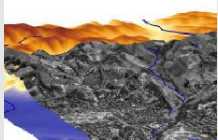
*Crossing Boundaries.* 2009-2015. NSF-funded project involving GIS, K-12 educators and students, university researchers, and international conservation curricular projects.

*GeoTech Center.* 2009-2014. NSF-funded project that creates community college geotechnology center across the USA for career pathways in geotechnologies.

*CREST: Community for Rural Education, Stewardship, and Technology.* 2008-2011. Project that provides students and teachers in Maine's island and remote coastal communities with intensive IT training and IT/STEM career path development.

*Community Science Investigators.* 2008-2010. ITEST Strategies project with the Missouri Botanical Garden and the Massachusetts Institute of Technology in offering intensive year-long, career-focused technology experiences for middle school youth and teachers in an out-of-school setting. Through CSI, participants will deepen their understanding of (and ability to apply) geospatial, simulation, and communication technologies as they address environmental and conservation-related issues.

*The Implementation of GIS Technology and Methods in Education.* 2003-2008. Analysis of how and why educators who have attended a GIS training have implemented GIS.



*iGETT: Integrated Geospatial Education and Technology Training.* 2005-2008. NSF-ATE funded project to enable two-year colleges to meet changing workforce training needs by integrating GIS, GPS, and RS.

*GIS-TECH.* 2003-2007. NSF-DUE funded project to infuse geotechnologies throughout the secondary curriculum, provide articulation mechanism to 4-year institutions, establish community college GIS certificates, develop data sets, and establish training modules.

*MyWorld GIS Project.* 2004-2006. Curriculum development and advising committee support on this GIS software developed with a grant from NSF to Northwestern University.

*Global GIS Project.* 2003-2005. Curriculum development on natural hazards, population, land use, mining, manufacturing, and other themes based on customized GIS tools and data.

*Mapping the Colorado Standardized Achievement Program (CSAP), 2003-2004.* Examine the spatial patterns of Colorado's standard achievement scores at different scales and grade levels.

*Exploring Biodiversity in the Denver Metropolitan Area, 2000-2002.* Research, teacher training, and curriculum development that examine open space, population growth, and diversity of species, illustrating that geographic concepts can be effectively taught in biology courses.

*Historical Floodplains Along the Rocky Mountain Front Range, 2001-2005.* Created lessons that use historical and current aerial photography, GIS, local building and floodplain data, and ground photographs to analyze the real threat of floods along with land use issues.

*Retail Spatial Diffusion Modeling, 2002.* Create lessons that use GIS and historical point data to examine point diffusion across the country using Sonic Drive-In as the model.

*Exploring the Titanic Using GIS, 2002.* Write 210 question, 80-page, 17-part unit that uses GIS to examine the route, sinking, rescue, and discovery of the ocean liner *Titanic*.

*Mapping the Future with USGS Educational Resources, 1996-2003.* Examined and tested USGS resources for earth science and geographic education, including the development of digital datasets and lesson modules.

*Site Selection for Rare Plants, Loess Hills, Nebraska, 1998-2004.* Lessons focused on selecting sites to study rare species in the Loess Hills using GIS.

*State Historical Population Centers, 2001-2002.* Co-developed methods (with Esri) and examined social and economic reasons for shifting changes in state population centers.

*Geography Awareness Week Flyer and CD-ROM, 2000.* Research and production of flyer and CD-ROM for 150,000 geography educators worldwide.

*The Polarization of the Great Plains, 1920-1990.* 1998. University of Colorado. Analysis of population decline and redistribution on the Great Plains.

*Creation of, maintenance of, and training of data users in Internet spatial data access.* 1995-2003. Create and maintain Internet resources for Colorado Geographic Alliance. Create and maintain RockyLink geospatial resource center; train users in Internet tools and resources.

*Multimedia Authoring Evaluation.* 1996. Researched multimedia authoring packages.

*Production of CD-ROM for GIS-based research in Alaska.* 1995. Researched and created the first demonstration CD-ROM containing digital spatial data, metadata, standards, and applications to educate data users and market programs for potential partners.

<b>Selected Articles About Me</b>	<p><i>Redesigning USGS Graphic Map Products.</i> 1994-1995. USGS. Researched, designed, and tested methods for redesign of USGS 1:24,000 and 1:100,000-scale maps using ArcInfo.</p> <p><i>Developing a Marketing-Demonstration for DLG-E Data Model.</i> 1994-1995. USGS. Developed GUI's illustrating the feature-based digital line graph "enhanced" model.</p> <p><i>The Impact of Freeways on Urban Environments.</i> 1993. University of Kansas. Developed field and GIS-based research tools to analyze the economic and social impacts of freeways in time and space in urban neighborhood.</p> <hr/> <p><i>University of Denver Perspectives on Professional Education and Careers.</i> 2016. Faculty Teaching Spotlight: Joseph Kerski. <a href="http://www.duprofessionaled.com/index.php/university-college-faculty-teaching-spotlight/">http://www.duprofessionaled.com/index.php/university-college-faculty-teaching-spotlight/</a></p> <p><i>WCET Frontiers.</i> 2016. <i>The Whys of Where: Enhancing Understanding Through Geography.</i> <a href="https://wcetfrontiers.org/2016/03/01/enhancing-understanding-through-geography/">https://wcetfrontiers.org/2016/03/01/enhancing-understanding-through-geography/</a>.</p> <p>Letham, Glenn. 2015. 10 Question GeoGeek Rapidfire: Joseph Kerski. <i>GIS User magazine.</i> <a href="http://gisuser.com/2015/12/10-question-geogeek-rapidfire-joseph-kerski-josephkerski/">http://gisuser.com/2015/12/10-question-geogeek-rapidfire-joseph-kerski-josephkerski/</a></p> <p>Verduyn, Monique. 2009. Shaping Our World: GIM International interviews Joseph Kerski. GIM International 23: 11. November. <a href="http://www.gim-international.com/issues/articles/id1439-Shaping_Our_World.html">http://www.gim-international.com/issues/articles/id1439-Shaping_Our_World.html</a>.</p> <p>Interview with Joseph Kerski for the <i>Primary Geographer</i>, 2008. Geographical Association, UK. Autumn. <a href="http://www.josephkerski.com/primary_geographer_interview.pdf">http://www.josephkerski.com/primary_geographer_interview.pdf</a></p> <p>Interview with Joseph Kerski for the <i>Smart Poodle Publishing</i>, 2009. Not your everyday geographer. <a href="http://smartpoodlepublishing.com/blog/2009/04/03/interview-with-joseph-kerski-phd-not-your-every-day-geographer/">http://smartpoodlepublishing.com/blog/2009/04/03/interview-with-joseph-kerski-phd-not-your-every-day-geographer/</a></p>
<b>Grants and Awards</b>	<ul style="list-style-type: none"> <li>• <i>GeoTech Center Lifetime Achievement Award.</i> <a href="http://www.geotechcenter.org">www.geotechcenter.org</a> Consortium of Community Colleges. 2016.</li> <li>• <i>Outstanding Support from the Business Community Award.</i> Texas State University Geography Department. 11 May 2016.</li> <li>• <i>Media Award, NCGE.</i> Part of Schlessinger media project, <i>Geography for Students</i>, 2009.</li> <li>• <i>Special Achievement in GIS, Esri.</i> Part of NSF-funded GIS project, Del Mar College, Texas, 2007.</li> <li>• <i>Award for Geography Education, Travelocity,</i> 2006. \$5000.</li> <li>• <i>Fellow, Royal Geographical Society.</i> Inducted 2003.</li> <li>• <i>Geography Education Magazine of Science.</i> 2002. \$2500. National Geographic Society Education Foundation.</li> <li>• <i>NCGE Dissertation Award.</i> 2001. \$500. One of two recipients.</li> <li>• <i>Esri Special Award for Outstanding Contribution to GIS.</i> Given at Esri User Conference, 2000. Sole recipient.</li> <li>• <i>Geospatial Information Technology Association.</i> Research Grant. \$1,000. Sole recipient.</li> <li>• <i>Boulder Valley School District, Tech Grant,</i> 1999. \$10,000. Co-Principal Investigator.</li> <li>• <i>Red Rocks Community College.</i> 1999. Proposal for GIS Certificate Program. \$1,000. Co-Principal Investigator.</li> <li>• <i>National Geographic Society Education Foundation.</i> 1997 and 1999. Jefferson County and Adams 12 School Districts. \$25,000 and \$30,000.</li> <li>• <i>Human Resources Initiative, US Department of the Interior.</i> A Sharable USGS Central Region Visitors Center. FY 1999. \$49,500. Principal Investigator.</li> <li>• <i>Human Resources Initiative, US Department of the Interior.</i> A Scientific CD-ROM for the 1999 Geography Awareness Week Packet. \$20,000. Principal Investigator.</li> <li>• <i>Esri / International Geographic Information Foundation.</i> 1998. Research Grant.</li> </ul>

	<p>\$1,000.</p> <ul style="list-style-type: none"> <li>• <i>Geographic Education National Implementation Project</i>. 1998. Dissertation Grant, \$2,000.</li> <li>• <i>National Geographic Society Education Foundation</i>. 1998. Smoky Hill High School, \$7,500. Assist in grant writing and partner on project.</li> <li>• <i>Geospatial Information Technology Association</i>. 1997. Ed Forrest Award, \$2,000. Sole recipient.</li> <li>• <i>National Geographic Society Education</i>. 1996. Horace Mann School, Denver. \$10,900.</li> </ul>
<b>Memberships</b>	<p>Royal Geographical Society Fellow: 2003-2008.</p> <p>Association of American Geographers [AAG]: 1992-present. Geography Education Specialty Group Secretary-Treasurer: 1998-2000. Specialty Groups: Education, GIS, Cartography, Cultural Geography, Indigenous Geography.</p> <p>National Council for Geographic Education [NCGE]: 1995-present.  President: 2011; Vice President: 2008-2010; Board Member: 2002-2004.  Past-President: 2012-present. Duties continue with the organization.</p> <p>Geographical Association (UK): 2001-2014.</p> <p>Colorado Geographic Alliance [COGA]: 1995-present. Advisory Board: Present.</p> <p>North American Association for Environmental Education, 2011-present.</p> <p>National Council for the Social Studies: 2007-2009.</p> <p>National Science Teachers Association: 2007-2009.</p> <p>Geospatial Information Technology Association (GITA): 2005-2007. K-12 Ed Committee.</p> <p>Association for Supervision and Curriculum Development (ASCD): 2001-2002; 2007.</p> <p>Colorado Scientific Society: 1990-2005</p> <p>Geological Society of America [GSA]: 1998-1999</p> <p>National Geographic Society [NGS]: 1987-2009.</p> <p>National Speleological Society [NSS]: 1993-present</p> <p>Urban and Regional Information Systems Association [URISA]: 1993-1998.</p> <p>The Nature Conservancy: 1999-2005.</p>
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