

PETER ANTHAMATTEN, PhD, MPH

Campus Address

Department of Geography and Environmental Sciences
University of Colorado Denver
Auraria Campus, North Classroom Building, Room 5030-B
Campus Box 172; PO Box 173364
Denver, CO 80217-3364

Home Address

6361 S Lakeview St.
Littleton, CO 80120-3338

EDUCATION

- 2002-2007** **Doctor of Philosophy, Geography**
University of Minnesota, Minneapolis, MN, USA
- 1998-2002** **Master of Public Health, Environmental Health**
University of Minnesota, Minneapolis, MN, USA
- 1997-2001** **Master of Arts, Geography**
University of Minnesota, Minneapolis, MN, USA
- 1992-1997** **Bachelor of Arts, *summa cum laude* with honors**
Triple major in **Geography, Political Science**, and **German**; minor in **Psychology**
University of Missouri, Columbia, MO, USA

PROFESSIONAL EXPERIENCE

- 2015-Present** **Associate Professor** (Fall 2015-Present)
Department of Geography and Environmental Sciences
University of Colorado Denver, Denver, CO, USA
- **Interim Director, GAMLab (Geographical Analysis and Mapping Laboratory)** (Fall 2019-Summer 2025)
University of Colorado Denver, Denver, CO, USA
 - **Faculty Fellow, Office of Faculty Affairs** (Fall 2023-Present)
University of Colorado Denver, Denver, CO, USA
 - **Chair, Geography and Environmental Sciences** (Fall 2019-Summer 2025)
University of Colorado Denver, Denver, CO, USA
 - **Associate Chair, Geography and Environmental Sciences** (Fall 2018-Spring 2019)
University of Colorado Denver, Denver, CO, USA
 - **Chair, CU Denver Faculty Assembly** (Fall 2017-Spring 2019)
University of Colorado Denver, Denver, CO, USA
 - **Affiliations** with the Department of Environmental and Occupational Health (Anschutz) and the Geography, Planning, and Design PhD Program (Denver)
- 2008-2015** **Assistant Professor**
Department of Geography and Environmental Sciences
University of Colorado Denver, Denver, CO, USA
- 2007-2008** **Postdoctoral Research Fellow**
New York Center for Geographic Education
CUNY—Hunter College, New York, NY, USA
- 2004-2007** **Research Assistant**
Teaching Geography Project
University of Minnesota—Twin Cities, Minneapolis, MN, USA

- 2004-2005** **Research Assistant / Visualization Specialist**
Department of Geography
University of Minnesota—Twin Cities, Minneapolis, MN, USA
- Instructor**
- 2005** Department of Geography
University of Minnesota—Twin Cities, Minneapolis, MN, USA
- Information Technology Fellow**
- 2002-2004** Department of Geography
University of Minnesota—Twin Cities, Minneapolis, MN, USA
- Senior Cartographer**
- 1998-2004** *ArgWorld* Project, Association of American Geographers
University of Minnesota—Twin Cities, Minneapolis, MN, USA

PEER REVIEWED PUBLICATIONS

Published Manuscripts in Scholarly Journals

- 2025 Dzwonczyk, E. A., Anthamatten, P., & Crawford, B. R. Heat and mortality in a semi-arid city: A multi-scalar analysis of the impacts of temperature in Denver, Colorado. *Urban Climate*, 64:102709.
- 2025 Sindewald, L. A., Lagerquist, R., Cross, M. D., Scambos, T. A., Anthamatten, P. J., et al. Identifying alpine treeline species using high-resolution WorldView-3 multispectral imagery and convolutional neural networks. *Biogeosciences*, 22(21):6509–6543.
- 2025 Barton, K., Anthamatten, P., Adgate, J., McKenzie, L., Starling, A., Berg, K., Murphey, R., & Richardson, K. A data-driven approach to identifying PFAS water sampling priorities in Colorado, United States. *Journal of Exposure Science & Environmental Epidemiology*, 35(3):414–424. doi:10.1038/s41370-024-00705-7
- 2022 deSouza, P., Hammer, M., Anthamatten, P., Kinney, P., Kim, R., Subramanian, S., Bell, M., & Mwenda, K. Impact of air pollution on stunting in Africa. *Environmental Health*, 21:1. doi:10.1186/s12940-022-00943-y
- 2021 Moreno-Sanchez, R., Carver, D. P., Torres-Rojo, J. M., & Anthamatten, P. Assessment of the classification accuracy of the Globeland30 forest class for the temperate and tropical forests of Mexico. *Applied Geomatics*, 17. doi:10.1007/s12518-020-00328-1
- 2020 Chin, A., Simon, G. L., Anthamatten, P., Kelsey, K. C., Crawford, B. R., & Weaver, A. J. Pandemics and the future of human–landscape interactions. *Anthropocene*, 31:100256. doi:10.1016/j.ancene.2020.100256
- 2020 Anthamatten, P., Thomas, D., Williford, D., Barrow, J., Davidson, A., Deakyne-Davies, S., Kraus, E., Tobano, D., & Daley, M. Geospatial monitoring of body mass index data in Colorado using electronic records from multiple health systems. *Public Health Reports*, 135(2):211–219. doi:10.1177/0033354920904078
- 2019 Nigg, C. R., Kutchman, E., Amato, K., Schaefer, C. A., Zhang, Z., Anwar, M. M. U., Anthamatten, P., Browning, R. C., Brink, L., & Hill, J. Recess environment and curriculum intervention on children’s physical activity: IPLAY. *Translational Behavioral Medicine*, 9(2):202–216. PMID:29660107; doi:10.1093/tbm/iby015

- 2018 Anthamatten, P., Bryant, L., Ferrucci, B., Jennings, S., & Theobald, R. Giant maps as pedagogical tools for teaching geography and mathematics. *Journal of Geography*, 117(5):183–192. doi:10.1080/00221341.2017.1413413
- 2018 Mastin, J., Anthamatten, P., & Bruederle, L. Climatic niche modeling reveals divergence between cytotypes in *Eutrema edwardsii* (Brassicaceae). *Botany*, 96(12):813–823. doi:10.1139/cjb-2018-0027
- 2018 Mastin, J., Luebke, N., Anthamatten, P., & Bruederle, P. Evidence for genetic allopolyploidy in *Eutrema edwardsii* (Brassicaceae): Implications for conservation. *Plant Systematics and Evolution*, 304(1):1–9. doi:10.1007/s00606-017-1447-2
- 2017 Theobald, R., Anthamatten, P., Bryant, L., Ferrucci, B., Jennings, S., & McAnney, C. Scaling giant state maps: Learning at the intersection of mathematics and geography. *Research in Geographic Education*, 19(2)
- 2015 Thomas, D., Anthamatten, P., Root, E., Lucero, M., Nohynek, H., Tallo, V., Williams, G., Simões, E., & ARIVAC Consortium. Disease mapping for informing targeted health interventions: Childhood pneumonia in Bohol, Philippines. *Tropical Medicine and International Health*, 20(11):1525–1533. doi:10.1111/tmi.12561
- 2015 Anthamatten, P., & Hazen, H. Changes in the global distribution of protected areas, 2003 to 2012. *Professional Geographer*, 67(2):195–203. doi:10.1080/00330124.2014.921014
- 2014 Anthamatten, P., Fiene, E., Kutchman, E., Mainar, M., Brink, L., Browning, R., & Nigg, C. A microgeographic analysis of physical activity behavior within elementary school grounds. *American Journal of Health Promotion*, 28(6):403–412. PMID:23971525; doi:10.4278/ajhp.121116-QUAN-566
- 2014 Smolinski, S., Anthamatten, P., Bruederle, L., Barbour, J., & Chambers, F. An analysis of the impact of water diversions on mountain pine beetle infestation of lodgepole pine. *Journal of Environmental Management*, 139(7):32–37. PMID:24681362; doi:10.1016/j.jenvman.2014.02.034
- 2014 Tabano, D., Barrow, J., McCormick, E., Bol, K., Anthamatten, P., Thomas, D., & Daley, M. PS2-20: Obesity mapping in Colorado: A novel system for monitoring and tracking BMI. *Clinical Medicine and Research*, 12(1–2):83. doi:10.3121/cmr.2014.1250.ps2-20
- 2014 Harmon, B., Nigg, C., Long, C., Amato, K., Anwar, M., Kutchman, E., Anthamatten, P., Browning, R., Brink, L., & Hill, J. What matters when children play: Influence of social cognitive theory and perceived environment on levels of physical activity among Hispanic and non-Hispanic youth. *Psychology of Sport and Exercise*, 15(3):272–279. doi:10.1016/j.psychsport.2014.02.001
- 2014 Anthamatten, P., Brink, L., Kingston, B., Kutchman, E., Lampe, S., & Nigg, C. An assessment of schoolyard features and behavior patterns in children’s utilization and physical activity. *Journal of Physical Activity & Health*, 11(3):564–573. PMID:24714338; doi:10.1123/jpah.2012-0064
- 2014 Wee, B., & Anthamatten, P. Using photography to visualize children’s culture of play: A socio-spatial perspective. *Geographical Review*, 104(1):87–100. doi:10.1111/j.1931-0846.2014.12006.x
- 2014 Root, E., Lucero, M., Nohynek, H., Anthamatten, P., Thomas, D., Tallo, V., Tanskanen, A., Quiambo, B., Puumalainen, T., Lupisan, S., Ruutu, P., Ladesma, E.,

- Williams, G., Riley, I., & Simões, E. Distance to health services affects local-level vaccine efficacy for pneumococcal conjugate vaccine (PCV) among rural Filipino children. *Proceedings of the National Academy of Sciences*, 111:3520–3525. PMID:24550454; doi:10.1073/pnas.1313748111
- 2014 Nikoi, E., & Anthamatten, P. Childhood anemia in Ghana: An examination of associated socioeconomic and health factors. *African Geographical Review*, 33(1):19–35. doi:10.1080/19376812.2013.838688
- 2013 Tinker, M., Anthamatten, P., Simley, J., & Finn, M. Method to generalize NHDPlus flowlines to small-scale maps by a variable flow-based pruning threshold. *Cartography and Geographic Information Science*, 40(5):444–457. doi:10.1080/15230406.2013.801701
- 2013 Wee, B., de Pierre, A., Anthamatten, P., & Barbour, J. Visual methodology as a pedagogical research tool in geography education. *Journal of Geography in Higher Education*, 37(2):164–173. doi:10.1080/03098265.2013.775568
- 2013 Anthamatten, P., Wee, B. S. C., & Korris, E. Exploring children’s perceptions of play using visual methodologies. *Health Education Journal*, 72(3):309–318. doi:10.1177/0017896912443119
- 2013 Nikoi, E., & Anthamatten, P. An examination of environmental correlates with childhood height-for-age in Ghana. *Public Health Nutrition*, 16(1):46–53. PMID:22607708; doi:10.1017/S1368980012001346
- 2011 Anthamatten, P., Brink, L., Lampe, S., Greenwood, E., Kingston, B., & Nigg, C. An assessment of schoolyard renovation strategies to encourage children’s physical activity. *International Journal of Behavioral Nutrition and Physical Activity*, 8(27):1–9. PMID:21477325; doi:10.1186/1479-5868-8-27
- 2010 Anthamatten, P. Spatial thinking concepts in early grade-level geography standards. *Journal of Geography*, 109:169–180. doi:10.1080/00221341.2010.498898
- 2009 Anthamatten, P. On building the bridge between research and teaching practice: Spatial thinking concepts in geography standards in the United States and England. *Research in Geographic Education*, 11:94–114
- 2009 Wee, B., & Anthamatten, P. Exploring the child’s reality via self-selected images: The use of photography in the science classroom. *Hoosier Science Teacher*, 34:114–120
- 2007 Hazen, H., & Anthamatten, P. Unnatural selection: An analysis of the ecological representativeness of natural world heritage sites. *Professional Geographer*, 59:256–268. doi:10.1111/j.1467-9272.2007.00611.x
- 2006 Anthamatten, P., & Ziegler, S. Teaching geography with 3-D visualization technology. *Journal of Geography*, 105:231–237. doi:10.1080/00221340608978692
- 2004 Hazen, H., & Anthamatten, P. Representation of ecological regions by protected areas at the global scale. *Physical Geography*, 25:499–512. doi:10.2747/0272-3646.25.6.499
- 2004 Anthamatten, P. State geography standards in 2004. *Journal of Geography*, 103:182–184. doi:10.1080/00221340408978596
- 2004 Anthamatten, P., Kinman, E., & Weil, C. Choropleth mapping: Population in Bolivia. *Scholarship for Teaching: Case Studies in Latin American Geography*, 1

Published Abstracts from Refereed Conferences

- 2022 Sindewald, S., Cross, M., Scambos, T., Lagerquist, R., Tomback, T., & Anthamatten, P. Field spectroradiometer methods for remotely identifying treeline vegetation species: A case study using limber pine in Rocky Mountain National Park. H5II Conference Proceedings.
- 2022 Sindewald, S., Cross, M., Scambos, T., Lagerquist, R., Anthamatten, P., & Tomback, T. Applying convolutional neural network (CNN) classification of WorldView-3 satellite imagery to distinguish vegetation species at treeline in Rocky Mountain National Park. *American Geophysical Union (AGU) Fall Meeting Abstracts*, GC32F-0667.
- 2019 Romero, A., Anthamatten, P., Taich, Z., Sharma, S., & Holguin, F. Multivariate geospatial analysis of severe asthma exacerbation in the city of Denver, Colorado. *Environmental Asthma Epidemiology*, 96, A7057. doi:10.1164/ajrccm-conference.2019.199.1_MeetingAbstracts.A7057
- 2013 Amato, K., Zhang, G., Anwar, M. M., Kutchman, E., Anthamatten, P., Schaefer, C. A., Browning, R. C., Brink, L. A., Hill, J. O., & Nigg, C. R. If you build it, they will play: Examining gender differences in physical activity on structured and unstructured schoolyard areas. *Annals of Behavioral Medicine*, 45, S138.
- 2013 Anwar, M. M., Amato, K., Zhang, G., Kutchman, E., Anthamatten, P., Schaefer, C. A., Browning, R. C., Brink, L. A., Hill, J. O., & Nigg, C. R. Does more make more? Single-purpose versus multi-purpose schoolyard areas and elementary school children's physical activity. *Annals of Behavioral Medicine*, 45, S184.
- 2010 Wee, M., & Anthamatten, P. Exploring children's perceptions of physical activity patterns in schools and local communities. In *Understanding Complex Ecologies in a Changing World*. American Educational Research Association (AERA) online paper repository. Available at <http://www.aera.net>

Refereed Presentations at Meetings

- 2022 Hazen, H., Anthamatten, P., & Smith, L. An analysis of social and environmental risk factors for childhood diarrhea in Peru. *International Medical Geography Symposium*. Edinburgh, UK, June 23, 2022.
- 2019 Anthamatten, P., Thomas, D., Williford, D., Barrow, J., Davidson, A., Deakne-Davies, S., Kraus, E., Tobano, D., & Daley, M. Geospatial monitoring of body mass index in Denver, Colorado, USA. *International Medical Geography Symposium*. Queenstown, New Zealand, July 2, 2019.
- 2019 Romero, A., Anthamatten, P., Taich, Z., Sharma, S., & Holguin, F. Multivariate and geospatial analysis of asthma exacerbations in Denver, Colorado. *American Thoracic Society International Conference*. Dallas, TX, USA, May 22, 2019.
- 2018 Anthamatten, P., Bryant, L., Ferrucci, B., Jennings, S., & Theobald, R. Giant maps as a tool for teaching spatial thinking skills. 2018 IGU Regional Conference / CAG Annual Meeting / NCGE Annual Conference. Quebec City, Canada, August 8, 2018.
- 2018 Anthamatten, P. Using giant maps for teaching geography and mathematics. *Colorado Council of Teachers of Mathematics Conference*. Denver, CO, USA, August 3, 2018.
- 2014 Nigg, C., Hill, J., Browning, R., Brink, L., Kutchman, E., Amato, K., Schaefer, C., Mahabub-Ul, A., Zhang, G., & Anthamatten, P. Intervention for physical activity for

- youth (IPLAY): Elementary schoolyard environment and recess intervention effects on children's physical activity. *International Society for Behavioral Nutrition and Physical Activity Annual Meeting*. San Diego, CA, USA, May 21, 2014.
- 2014 Zhang, G., Mahabub-Ul, A., Amato, K., Kutchman, E., Schaefer, C., Browning, R., Brink, L., Hill, J., Anthamatten, P., & Nigg, C. The association between self-reported and objectively measured physical activity for elementary school children: Are there gender differences? *International Society for Behavioral Nutrition and Physical Activity Annual Meeting*. San Diego, CA, USA, May 22, 2014.
- 2014 Kutchman, E., Anthamatten, P., & Brink, L. What's wrong with recess? Fact vs. fiction. *Active Living Research Annual Conference*. San Diego, CA, USA, March 9, 2014.
- 2013 Anthamatten, P., & Garcia, M. 3-D for teaching: Stereoscopic visualization in geography classrooms. *98th Annual Meeting of the National Council for Geographic Education*. Denver, CO, USA, August 2, 2013.
- 2013 Anthamatten, P., Fiene, E., Kutchman, E., Mainar, M., Brink, L., Browning, R., & Nigg, C. An investigation of micro-geographies of play: Analysis of physical activity behavior. *International Medical Geography Symposium*. East Lansing, MI, USA, July 9, 2013.
- 2013 Anwar, M., Amato, K., Zhang, G., Kutchman, E., Anthamatten, P., Schaefer, C., Browning, R., Brink, L., Hill, J., & Nigg, C. Does more make more? Single-purpose versus multi-purpose schoolyard areas and elementary school children's physical activity. *34th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine*. San Francisco, CA, USA, March 22, 2013.
- 2012 Kutchman, E., Anthamatten, P., Beckman, K., Browning, R., Hill, J., Lampe, S., Mainar, M., Nigg, C., Schaefer, C., & Brink, L. An examination of the impact of recess curriculum along with playground renovations on increasing moderate-to-vigorous physical activity levels in elementary school children: The IPLAY study. *Active Living Research Conference*. San Diego, CA, USA, March 12–14, 2012.
- 2011 Anthamatten, P. An interactive atlas for the geography of health. *25th International Cartographic Conference*. Paris, France, July 3–8, 2011.
- 2009 Williford, D., & Anthamatten, P. Designing an atlas for public health for Colorado. *Public Health in the Rockies Conference*. Copper Mountain, CO, USA, September 28, 2009.
- 2009 Anthamatten, P. Exploring 3-D technology in the classroom: Considerations from geography. *Colorado Learning and Teaching with Technology Conference*. Boulder, CO, USA, August 13, 2009.

PEER REVIEWED BOOKS and CHAPTERS

- 2021 Anthamatten, P. *How to Make Maps: An Introduction to the Theory and Practice of Cartography*. London / New York: Routledge. 276 pages. ISBN: 978-1-138-06779-0.
- 2020 Anthamatten, P. *An Introduction to the Geography of Health (2nd ed.)*. London / New York: Routledge. 273 pages. ISBN: 978-0415498067.
- 2020 Anthamatten, P. A cartographic exploration of the geographies of obesity in Denver, Colorado. In Kaebles, M. (Ed.), *Denver and the Rocky Mountain West*. Washington, DC: Association of American Geographers.
- 2011 Anthamatten, P., & Hazen, H. *An Introduction to the Geography of Health*. London / New York: Routledge. 273 pages. ISBN: 978-0415498067.

GRANTS

External Grants and Contracts

- 2012–2014 *Obesity in Colorado: A new system for monitoring and tracking interventions*. Funded by: Kaiser Permanente. Role: Principal Investigator (with Deb Thomas). Amount: \$175,621. Summary: This project was part of a multi-institution collaboration (including the Colorado Health Foundation, Children’s Hospital, and the Anschutz Medical Campus) to establish an eight-county–wide obesity monitoring system in Colorado for applied and research objectives.
- 2009–2011 Funding to support the development of *An Introduction to the Geography of Health*. Funded by: Routledge. Role: Author / Shared PI (with Helen Hazen). Amount: £1,000. Summary: Routledge provided funding to support cartography and figure preparation for the book. Funds were used to employ students from a cartography course to assist with figure production. Funded students: Andrew Blunck, Erin Korris, Robert V. Tayler, and Melissa Wiggins.

Competitive Internal Grants and Contracts

- 2020 *In Support of Child-friendly Cities: Identifying and Applying Geospatial Technologies to Represent Children’s Sense of Place*. Funded by: CU Denver Office of Research Services (CU Denver). Role: Co-PI. Amount: \$17,510. Summary: The purpose of the funds was to investigate and pilot test the application of geospatial technologies to explore how children attach meaning to and construct emotional connections with places.
- 2017–2018 *Combating the Honey Bee Mite Varroa destructor: Examination of beekeeping behavior, mite mitigation, and hive health in Denver*. Funded by: CU Denver Office of Research Services (CU Denver). Role: Co-PI. Amount: ~\$20,000. Summary: The purpose of the requested funds was to build a pilot project examining the geographic and behavioral mechanisms underlying the spread of varroa mites through bee populations in the Colorado Front Range.
- 2013–2014 *A proposal to investigate mini-geographies of play: Utilizing recent technological innovations to study children’s physical activity behavior on school playgrounds*. Funded by: University of Colorado Denver College of Liberal Arts and Sciences (CLAS). Role: PI. Amount: \$8,250. Summary: The purpose of the requested funds was to facilitate the production of an NIH R01 grant evaluating links between playground spaces and children’s physical activity behavior.

- 2012–2013 Bringing 3-D to UCD: Stereoscopic visualization at the University of Colorado Denver. Funded by: University of Colorado Denver College of Liberal Arts and Sciences (CLAS). Role: PI. Amount: \$5,000. Summary: The purpose of this project was to (1) enrich existing curriculum using 3-D visualization technology; (2) enable students in cartography and other geospatial disciplines to use the equipment for independent projects; and (3) support classroom-based research on the educational benefits of this technology.
- 2009–2010 *Exploring geographies of childhood: An examination of children’s physical activity.* Funded by: Center for Faculty Development, University of Colorado. Role: PI (with Bryan Wee). Amount: \$10,000. Summary: A year-long project employing quantitative and qualitative methods to examine research questions relating to activity levels among elementary-aged children.

Non-Competitive Internal Grants and Contracts

- 2011 Research and scholarship completion fund. Funded by: Center for Faculty Development, University of Colorado. Role: Recipient. Amount: \$500. Summary: Funding to contribute to publication fees.
- 2010 Funding to present a paper with a student at the ESRI User Conference in San Diego, CA. Funded by: YUMPS Program, University of Colorado Denver. Role: Recipient. Amount: \$500. Summary: This funding complemented departmental support to present a paper at a conference.
- 2010 The Knapsack Institute: Transforming Teaching and Learning. Funded by: The Matrix Center for Advancement of Social Equity and Inclusion. Role: Participant / Faculty Scholar. Amount: \$200. Summary: A week-long institute in which faculty shared ideas and strategies related to pedagogical approaches to teaching diversity.

Undergraduate Research Opportunity Program (UROP) Sponsorships

- 2014–2015 Accessing adult physical activity opportunities through community engagement using BMI and resource mapping. Funded by: Undergraduate Research Opportunity Program, University of Colorado Denver. Role: Faculty Co-sponsor / Co-advisor (with Deb Thomas). Amount: \$1,000.
- 2014–2015 Deployment of GIS web services to support hospital disaster planning professionals for addressing vulnerable populations. Funded by: Undergraduate Research Opportunity Program, University of Colorado Denver. Role: Faculty Co-sponsor / Co-advisor (with Deb Thomas). Amount: \$1,000. Summary: Undergraduate student funding for scholarly research involving faculty collaborations with students.
- 2012–2013 Deployment of GIS web services to support hospital disaster planning professionals for addressing vulnerable populations. Funded by: Undergraduate Research Opportunity Program, University of Colorado Denver. Role: Faculty Co-sponsor / Co-advisor (with Deb Thomas). Amount: \$1,000. Summary: Undergraduate student funding for scholarly research involving faculty collaborations with students.
- 2011–2012 Trends and implications of private conservation easements in Jefferson County, Colorado. Funded by: Undergraduate Research Opportunity Program, University of Colorado Denver. Role: Faculty Sponsor / Advisor (with Gregory Simon). Amount: \$1,000. Summary: Undergraduate student funding for scholarly research examining

the social and ecological implications of the transition from governmental to private conservation through land easements in Jefferson County, Colorado.

- 2011–2012 Putting community gardens on the map: Assessing the food production potential of Denver’s community gardens and recommendations for policy. Funded by: Undergraduate Research Opportunity Program, University of Colorado Denver. Role: Faculty Sponsor / Advisor. Amount: \$1,000. Summary: Undergraduate student funding for scholarly research involving faculty collaborations with students.

NON-PEER REVIEWED PUBLICATIONS and EXHIBITIONS

Invited Publications

- 2022 Anthamatten, P. Geography and health. In Naidoo, J., & Willis, J. (Eds.), *Health Studies: An Introduction* (4th ed.). Basingstoke: Palgrave MacMillan. ISBN: 9789811621482. doi:10.1007/978-981-16-2149-9
- 2020 Nigg, C., & Anthamatten, P. Schoolyard re-design: Lessons learned from the IPLAY Project. *Playground@Landscape*. <https://playground-landscape.com/en/article/2288-schoolyard-re-design-lessons-learned-from-the-iplay-project.html>
- 2019 Caturia, M., & Anthamatten, P. Mapping places of power: A cartographic examination of French toponymic spatial patterns in the Mississippi River Basin. In Brunn, S., & Kehrein, R. (Eds.), *Handbook of the Changing World Language Map*. Springer. ISBN: 9783030024376
- 2015 Anthamatten, P. Geography and health. In Naidoo, J., & Willis, J. (Eds.), *Health Studies: An Introduction* (3rd ed.). Basingstoke: Palgrave MacMillan. ISBN: 9781137348692
- 2011 Anthamatten, P., & Hazen, H. *An Introduction to the Geography of Health: Interactive Atlas*. Routledge.
- 2011 Anthamatten, P., Gersmehl, C. A., & Gersmehl, P. *Atlas of the Erie Canal*. New York: New York Geographic Alliance. ISBN: 9781495113123
- 2008 Gersmehl, P., & Anthamatten, P. *Teaching Geography: Interactive CD-ROM*. New York: Guilford Press. ISBN: 9781593857158
- 2008 Anthamatten, P., & Napton, D. Sources of geographic information for teachers. In Gersmehl, P. (Ed.), *Teaching Geography*. New York: Guilford Press. ISBN: 9781593857158
- 2003 Association of American Geographers. *ArgWorld CD*. Holt-Reinhardt. [Contributing author, senior cartographer, photographer, and programmer.]
- 2003 Association of American Geographers. *ArgWorld Written Activities*. Holt-Reinhardt. [Contributing author and senior cartographer.]
- 2002 Anthamatten, P. A study of iodine deficiency in Costa Rica. San José, Costa Rica: Ministerio de Salud de Costa Rica. [White paper submitted to the Costa Rica Ministry of Health.]

Cartography Contributions to Other Work

- | Year | Citation |
|------|---|
| 2020 | Hartman, R. From Mining to Tourism. In Kaebles, M. (Ed.), <i>Denver and the Rocky Mountain West</i> . Washington, DC: Association of American Geographers. [One map.] |

- 2020 Su, M., & Hartman, R. Tourism to Lu Gou Qiao: Enduring scenic qualities of a landmark bridge and a difficult legacy of a conflict site. *Journal of Heritage Tourism*. [One map.]
- 2019 Crewe, M. *The Mexican Mission: Native Survival and Mendicant Enterprise in the Construction of New Spain, 1521–1600*. Cambridge: Cambridge University Press. ISBN: 978-1108492546. [Two maps.]
- 2013 Simon, G., & Dooling, S. *Flame and Fortune in California: The Material and Political Dimensions of Vulnerability*. Berkeley: University of California Press. ISBN: 9780520292796. [Five maps.]
- 2013 Agee, C. *The Streets of San Francisco: Blacks, Beats, Gays, and the San Francisco Police Department, 1950–71*. Chicago: University of Chicago Press. ISBN: 9780226122311. [One map.]

NON-PEER REVIEWED PRESENTATIONS AT CONFERENCES / MEETINGS

- 2023 Caduff, C., & Anthamatten, P. Renewable energy initiatives in Sub-Saharan Africa: A statistical analysis of the relationship between renewable energy consumption and instances of conflict, 1998–2008. Annual Meeting of the American Association of Geographers (AAG), April 2023.
- 2023 Straka, M., & Anthamatten, P. How effective are renewable portfolio standards? Investigating the relationship between state renewable energy goals and solar energy development. Annual Meeting of the American Association of Geographers (AAG), April 2023.
- 2021 Truitt, J., Moreno, R., & Anthamatten, P. Stakeholder engagement and monitoring in adaptive management (AM): A case study of the Spruce Beetle Epidemic & Aspen Decline Management Response (SBEADMR) Program of the GMUG National Forests, Colorado. Annual Meeting of the American Association of Geographers (AAG). Seattle, WA, USA, April 8, 2021.
- 2019 Anthamatten, P., Thomas, D., Williford, D., Barrow, J., Bol, K., Davidson, A., Deakyn-Davies, S., Kraus, E., Tobano, D., & Daley, M. Geospatial monitoring of body mass index in Denver, Colorado, USA. International Medical Geography Symposium. Queenstown, New Zealand, July 2, 2019.
- 2018 Martinez, A., Thomas, D., & Anthamatten, P. Changes in African Americans' mental health status associated with hurricane losses. Annual Meeting of the American Association of Geographers (AAG). New Orleans, LA, USA, April 13, 2018.
- 2018 Raines, J., Moreno-Sanchez, R., Torres-Rojo, M., & Anthamatten, P. Assessing effectiveness of natural protected areas in Mexico to prevent forest cover loss and fragmentation. Annual Meeting of the American Association of Geographers (AAG). New Orleans, LA, USA, April 13, 2018.
- 2017 Anthamatten, P. A spatial examination of political geographies in the 2016 presidential election. Annual Meeting of the American Association of Geographers (AAG). Boston, MA, USA, April 11, 2017.
- 2016 Anthamatten, P. Geographic approaches to the obesity epidemic in the U.S. and abroad. Annual Meeting of the American Association of Geographers (AAG). San Francisco, CA, USA, February 23, 2016.
- 2014 Swack, D., Reynolds, E., Morales, F., Riebel, D., Thomas, D. S. K., & Anthamatten, P. Body mass index (BMI) mapping and community engagement. Great Plains–Rocky

- Mountains Division of the Association of American Geographers Annual Meeting. Albuquerque, NM, USA, October 24, 2014.
- 2014 Anthamatten, P., Brink, L., Browning, R., Fiene, E., Kingston, B., Kutchman, E., Mainar, M., & Nigg, C. Progress in microgeography: Spatial methods for assessing design practices in elementary schoolyards. Annual Meeting of the Association of American Geographers (AAG). Tampa, FL, USA, April 9, 2014.
- 2013 Anthamatten, P., Fiene, E., Kutchman, E., Mainar, M., Brink, L., Browning, R., & Nigg, C. An investigation of mini-geographies of play: Analysis of physical activity behavior. GIS Day 2013: Past, Present and Future of GIS, City and County of Denver. Denver, CO, USA, November 20, 2013.
- 2013 Hazen, H., & Anthamatten, P. Change in global distribution of protected areas, 2003–2012. Annual Meeting of the Association of American Geographers (AAG). Los Angeles, CA, USA, April 13, 2013.
- 2013 Anthamatten, P., Fiene, E., Brink, L., Browning, R., Kutchman, E., Mainar, M., & Nigg, C. Microgeographies of play: An analysis of physical activity behavior on elementary school grounds. Annual Meeting of the Association of American Geographers (AAG). Los Angeles, CA, USA, April 11, 2013.
- 2013 Root, E., Anthamatten, P., Thomas, D., Nohynek, H., Lucero, M., Tanskanen, A., Nillos, L., Tallo, V., & Simões, E. The effect of distance on the efficacy of an 11-valent pneumococcal conjugate vaccine in the Philippines. Annual Meeting of the Association of American Geographers (AAG). Los Angeles, CA, USA, April 11, 2013.
- 2012 Anthamatten, P., & Nikoi, E. An examination of environmental correlates with childhood stunting in Ghana. Annual Meeting of the Association of American Geographers (AAG). New York, NY, USA, February 26, 2012.
- 2011 Anthamatten, P. Exploring landscapes of play: A geographic analysis of behavior patterns in schoolyards. Association of American Geographers Great Plains / Rocky Mountain Division Annual Conference. Denver, CO, USA, October 11, 2011.
- 2011 Abdilla, J., Wiggins, M., Anthamatten, P., & Simon, G. An exploratory analysis of conservation trends and private easements in Jefferson County, Colorado. Association of American Geographers Great Plains / Rocky Mountain Division Annual Conference. Denver, CO, USA, October 7, 2011.
- 2011 Anthamatten, P., Wee, B., & Allen, C. Experiential learning in geography. Experiential Learning Showcase and Celebration. Denver, CO, USA, April 29, 2011.
- 2011 Anthamatten, P., Wee, B., & Korris, E. Exploring children's perceptions of physical activity and the environment. Annual Meeting of the Association of American Geographers (AAG). Seattle, WA, USA, April 13, 2011.
- 2010 Zamora, F., & Anthamatten, P. Exploring landslide risk monitoring with GIS. Association of American Geographers Great Plains / Rocky Mountain Division Conference. Lawrence, KS, USA, October 9, 2010.
- 2010 Korris, E., Anthamatten, P., & Wee, B. Exploring children's perceptions of physical activity patterns in schools and local communities. Association of American Geographers Great Plains / Rocky Mountain Division Conference. Lawrence, KS, USA, October 9, 2010.

- 2010 Anthamatten, P., & Tinker, M. An assessment of the global representativeness of World Heritage Sites in 2010. GIS in the Rockies. Loveland, CO, USA, September 14, 2010.
- 2010 Anthamatten, P., & Tinker, M. An assessment of the global representativeness of World Heritage Sites in 2010. ESRI International User Conference. San Diego, CA, USA, July 12, 2010.
- 2010 Anthamatten, P. Assessing urban design strategies to encourage childhood activity. Annual Meeting of the Association of American Geographers (AAG). Washington, DC, USA, April 18, 2010.
- 2009 Anthamatten, P. Exploring the applicability of research on spatial thinking to college-level instruction. Annual Meeting of the Association of American Geographers (AAG). Las Vegas, NV, USA, March 26, 2009.
- 2009 Anthamatten, P. An evaluation of spatial thinking skills in K–4 curriculum standards in the United States. Annual Meeting of the Association of American Geographers (AAG). Las Vegas, NV, USA, March 24, 2009.
- 2009 Anthamatten, P. U.S.–U.K. perspectives on geographical education research. Annual Meeting of the Association of American Geographers (AAG). Las Vegas, NV, USA, March 23, 2009.
- 2008 Anthamatten, P. An analysis of environmental factors in childhood nutrition status in Bolivia. Annual Meeting of the Association of American Geographers (AAG). Boston, MA, USA, April 17, 2008.
- 2007 Kees, E., Anthamatten, P., & Ziegler, S. Integrating three-dimensional visualization in geography education. Annual Meeting of the Association of American Geographers (AAG). San Francisco, CA, USA, April 18, 2007.
- 2006 Hazen, H., & Anthamatten, P. Representation of ecological regions by protected areas at the global scale. Annual Meeting of the Association of American Geographers (AAG). Chicago, IL, USA, March 10, 2006.
- 2002 Anthamatten, P. Iodine deficiency in Costa Rica. Association of American Geographers Great Lakes Division Regional Conference. Minneapolis, MN, USA, October 18, 2002.

SEMINARS / WORKSHOPS PRESENTED

(conferences outside of UC Denver, Downtown Campus)

- 2013 Scholz, M., Brysch, C., Mitchell, J., Huyn, N., & Anthamatten, P. Collaborating on publications: Experiences of graduate students and early career researchers. 98th Annual Meeting of the National Council for Geographic Education. Denver, CO, USA, August 3, 2013.
- 2012 Anthamatten, P. Plenary panel: The natural environment, your health, and how we measure both. Culture of Data Conference: Data to Grown On—Cultivating the Relationship between Social, Natural, and Built Environments. Arvada, CO, USA, October 5, 2012.
- 2011 Anthamatten, P. Spatial thinking concepts in early grade-level geography standards. Biannual Grosvenor Center Conference on Research in Geographic Education. Lafayette, LA, USA, May 19, 2011.
- 2010 Thomas, D., & Anthamatten, P. Geographic information systems (GIS) as a tool for examining health disparities. 2010 Annual Health Disparities Equity Conference. Aurora, CO, USA, May 7, 2010.
- 2008 Anthamatten, P. Spatial thinking research and applications for teaching social studies. Quarterly Meeting of the Community Learning Support Organization, New York Public Schools. New York, NY, USA, April 18, 2008.
- 2007 Anthamatten, P. Using geographic information systems to enhance learning: An introduction. Quarterly Meeting of the Community Learning Support Organization, New York Public Schools. New York, NY, USA, October 19, 2007.

(colloquia and seminars outside of UC Denver)

- 2015 Thomas, D., & Anthamatten, P. Mapping body mass index (BMI) across the Denver metropolitan area using integrated data from three health delivery systems. Colorado Health GIS User Group. Denver, CO, USA, April 8, 2015.
- 2015 Anthamatten, P. A primer on cartographic design. Denver Petroleum User Group Colloquium. Denver, CO, USA, February 12, 2015.
- 2013 Anthamatten, P. GIS applications in public health: An overview. Department of Public Health Studies Colloquium, University of Hawai'i at Mānoa. Honolulu, HI, USA, November 21, 2013.
- 2011 Anthamatten, P. Geographies of obesity in Colorado, USA. Department of Geography and Education Colloquium, Chungbuk National University. Chungju, South Korea, June 16, 2011.
- 2011 Anthamatten, P. Exploring links between childhood obesity and the built environment in Denver: Geographic approaches. Department of Geography Spring Colloquium, University of Denver. Denver, CO, USA, April 21, 2011.
- 2010 Anthamatten, P. Exploring geographies of childhood obesity. Colorado Health GIS User Group. Denver, CO, USA, February 19, 2010.
- 2010 Anthamatten, P., & Wee, B. On geographic approaches to obesity: Examining children's physical activity in Denver. Department of Geography and Environmental Studies Colloquium Series, University of Colorado Colorado Springs. Colorado Springs, CO, USA, January 29, 2010.

(colloquia and seminars within UC Denver)

2025 **Anthamatten, P. Geospatial Methods for Landscape Architecture.** *University of Colorado Denver, College of Landscape Architecture.* Denver, CO, USA: April 8, 2015.

COURSES TAUGHT

Additional details are provided; descriptions from the university course catalogs are in quotations. I have marked courses I created or substantially revised at UC Denver with asterisks (*substantially revised courses, **created courses, ^ taught at the International College of Beijing (ICB)).

****Applied Spatial Statistics (GEOG 5050):**

Upper-level undergraduate and graduate computer-lab course satisfying part of the MA in Applied Geography and Geospatial Science. “Practice and application of spatial analytical and statistical methods using modern GIS and spatial statistical software. Topics include spatial data handling, interpolation, pattern analysis, cluster detection, visualization, and modeling.”

****Cartography and Computer Mapping (GEOG 4081 / 5081):**

Upper-level undergraduate and graduate computer-lab course satisfying part of the GIS certificate. Designed and developed by the author; first offered in 2009. “Provides an introduction to the art and science of cartography (map making). Students learn design principles, tools, and techniques of map production, culminating in the creation of a high-quality map through hands-on exercises.”

Introduction to Cartography and Computer Mapping (GEOG 3080):

Computer-lab course discontinued after 2008 and transformed into GEOG 2080 (“Introduction to Mapping and Map Analysis”). Broad introduction to cartography and GIS. Discontinued as part of geospatial curriculum reorganization; current GEOG 4081 focuses on cartographic theory and practice.

Introduction to Environmental Health (PBHL 2020):

Undergraduate public health course. Served as UC Denver representative for a jointly taught downtown/Anschutz course. “Introductory survey of human health implications of environmental exposures, including exposure pathways, toxicology, risk assessment, regulation, policy, environmental equity, ethics, globalization, climate change, sustainability, and activism.”

Introduction to Geographic Information Systems (GEOG 4080 / 5080):

Upper-level undergraduate and graduate computer-lab course required for the GIS certificate and some geography majors. “Introduces GIS concepts including hardware/software, database design, and data conversion. Includes hands-on use of GIS workstations.”

****^Introduction to Geography of Health (GEOG 3501):**

Upper-level undergraduate course satisfying requirements for the demography minor and public health major; administered by Health and Behavioral Sciences. Designed and developed by the author; first offered in 2010. “Examines disease distributions, people–environment relationships, and geographic approaches to health.”

Introduction to Mapping and Map Analysis “The Power of Maps: An Introduction to Geospatial Science” (GEOG 2080):

Substantial revision of a prior course. Lecture-based (not computer-lab). This is a large, required course for geography majors. “Studies preparation of thematic maps, data sources, data manipulation, and cartographic display techniques.” Geographic Perspectives in Environmental Health (EOH 6623) Graduate course taught at CU Anschutz. “Reviews geographic concepts and tools using a regional, holistic approach to global health.”

Peter Anthamatten

GIS Applications in the Health Sciences (GEOG 4235 / 5235) Upper-level undergraduate and graduate computer-lab course satisfying GIS certificate requirements. “Examines GIS use in healthcare and public health, including environmental health, disease surveillance, and health services research, with hands-on software experience.”

SERVICE

To Departmental Unit

Fall 2019–Present	Chair, Department of Geography and Environmental Sciences
Fall 2018–Spring 2019	Associate Chair, Department of Geography and Environmental Sciences
Fall 2023–Present	Member, GES Committee on Research, Space, and Equipment (RSE)
Fall 2019–Present	Member, GES Committee on Student and Faculty Affairs (SFA)
Fall 2019–Fall 2020	Member, GES Ad Hoc Committee on Revision of the MS in Environmental Science Curriculum
Fall 2018–Spring 2019	Chair, GES Merit and Personnel Committee
Fall 2015; Fall 2016–Fall 2018	Member, GES Merit and Personnel Committee
Fall 2017–Spring 2019	Chair, GES Committee for Geographic Information Science
Fall 2017–Spring 2019	Chair, GES Assessment Committee
Fall 2013–Fall 2014	Chair, GES Subcommittee for Undergraduate Curriculum Assessment
Fall 2011–Spring 2015	Chair, GES Subcommittee for Geographic Information Science
Fall 2011–Spring 2015	Coordinator and Advisor, GES Undergraduate Certificate in GIS
Fall 2011–Spring 2015	Member, GES Website Development Committee
Fall 2011–Spring 2013	Member, GES MA Proposal Committee
Fall 2010–Spring 2012	Member, GES By-Laws Subcommittee
Spring 2011–Spring 2012	Coordinator, UC Denver GES Student Colloquium
Spring 2014	Member, MS in Environmental Science (MSES) Admissions Committee
Spring 2009	Member, MS in Environmental Science (MSES) Admissions Committee
Spring–Fall 2015; Fall 2016–Spring 2017	Secretary, GES Faculty Committee
Fall 2011	Coach, UC Denver GeoBowl Team
Fall 2008–Spring 2009	Member, GES Hiring Committee (2009 Faculty Hire)

To the College of Liberal Arts and Science

Fall 2022–Spring 2023	Member, CLAS Faculty Council
Fall 2008–Spring 2009	GES Representative, CLAS Faculty Council
Fall 2019–Spring 2020	Member, CLAS Task Force on Civics Education
Fall 2016–Spring 2019	GES Representative, CLAS FAST Advisory Committee
Fall 2015–Spring 2020	Member, CLAS Ethics Committee
Spring 2021	Member, CLAS Faculty Awards Committee
Spring 2015	Member, CLAS Faculty Awards Committee
Fall 2013–Fall 2015	Member, CLAS Budget Priorities Committee
Fall 2011–Spring 2013	Member, CLAS Academic Standards Committee
Fall 2010–Spring 2012	Member, CLAS Scholarship Committee
Fall 2008–Spring 2009	Co-developer, Geography Option in the Public Health Degree (with Deb Thomas)

To the Denver campus at the University of Colorado Denver

Fall 2024–Present	Member, UC Denver Faculty Assembly
Fall 2023–Spring 2025	Member, CU Denver Council of Chairs

Peter Anthamatten

Fall 2020–Spring 2022	Member, CU Denver Academic Ethics Committee
Fall 2019–Spring 2022	Secretary, CU Denver Faculty Assembly
Fall 2019–Spring 2020	Immediate Past Chair, CU Denver Faculty Assembly
Fall 2017–Spring 2019	Chair, CU Denver Faculty Assembly
Fall 2017–Spring 2019	Member, CU Faculty Council Executive Committee
Fall 2017–Spring 2019	Member, Chancellor’s Advisory Committee on Budget
Fall 2017–Spring 2019	Faculty Representative, Provost’s Advisory Committee
Fall 2018–Spring 2019	Chair, CU Denver Faculty Assembly Ad Hoc Committee on Civics Education
Fall 2017–Spring 2018	Chair, CU Denver Faculty Assembly Ad Hoc Committee on Revisions to Article V of Regents’ Laws
Spring 2018–Spring 2023	Member, Urban Planning / Geography Joint PhD Planning Committee
Spring 2019	Member, University Partnerships Steering Committee
Spring 2019	Member, Associate Chancellor of Faculty Affairs Hiring Committee
Spring 2019	Faculty Reviewer, Undergraduate Research Opportunity Program (UROP)
Fall 2016–Spring 2017	Member, UC Denver Faculty Assembly
Spring 2015	Member, UC Denver Faculty Awards Committee
Fall 2013–Fall 2015	CLAS Representative, UC Denver Budget Priorities Committee
Spring–Fall 2014	Member, UC Denver Academic Program Prioritization Committee
Spring 2013	Faculty Judge, UC Denver Research and Creative Activities Symposium
Spring 2013	Ex officio Member, College of Architecture and Planning Hiring Committee
Fall 2012–Spring 2013	Department Liaison / Coordinator, Transfer Evaluation System (TES) Implementation
Spring 2012	Member, UC Denver Mentorship Awards Committee
Fall 2009–Spring 2012	Faculty Advisor, Auraria Students for the Human Treatment of Animals (ASHTA)
Fall 2024–Present	Member, UC Denver Faculty Assembly

To the Profession

Spring 2023	External Reviewer for Tenure and Promotion, University of Colorado Colorado Springs (UCCS)
Spring 2023	External Program Reviewer, Department of Geography and Environmental Studies, University of Colorado Colorado Springs (UCCS)
Spring 2020–Spring 2023	Member, American Association of Geographers Annual Conference Organizing Committee
Fall 2020–Spring 2023	Member, American Association of Geographers International Research and Scholarly Exchange Committee
Fall 2010–Spring 2014	Secretary / Treasurer (elected, two terms), Cartography Specialty Group, Association of American Geographers
2011–2013	Member (two terms) and Chair (one term), Journal of Geography Awards Committee, National Council for Geographic Education (NCGE)
2011–2012	Judge (two terms), Association of American Geographers Graduate Student Cartography Paper Competition
Fall 2011	Judge, Association of American Geographers Rocky Mountain Division Student Paper Competition
Fall 2011	Reviewer, FOSS4G Global Conference on Free and Open Source Software for Geospatial (Denver, CO)
2007–2010	Member (two terms) and Chair (one term), Geographic Education and Media Task Force, National Council for Geographic Education (NCGE)

To the Community

2021	Guest Presenter, Peak Expeditionary Elementary School, Wheat Ridge, CO
2018	Volunteer, Heart and Hand Program, Center for Youth and Their Families, Denver, CO
2018	Guest Presenter, Runyon Elementary School, Littleton, CO
2016	Guest Presenter, Campbell Elementary School, Arvada, CO
2016	Community Judge, Runyon Elementary School Science Fair, Littleton, CO
2014	Judge, Adams County Schools STEM Launch Presentation
2014	Community Judge, Rocky Mountain Classic High School Debate Tournament
2012	Guest Speaker (two occasions), Campbell Elementary School, Arvada, CO — “What Is Geography?”
2011	Volunteer Judge, Denver School Science Fair
2010–2011	Volunteer Judge (two occasions), Colorado National Geographic Society Geography Bee
2008–2009	Volunteer Consultant and Committee Member, Denver Public Schools — Development of Assessment Materials for High School Geography
2009	Judge, Local High School Debate Tournaments

SERVICE as PEER-REVIEWER for SCHOLARLY JOURNALS and GRANT PROPOSALS

American Journal of Public Health, American Journal of Preventive Medicine, Anthropocene, Applied Geography, Applied Geomatics, BMC Public Health, British Journal of Sports Medicine, Cartography and Geographic Information Science, Children’s Geographies, Children, Youth, and Environments, European Journal of Educational Research, Family and Community Health, Geoforum, Geographical Review, Health Education, Health Psychology, Instructional Science, Jornal de Pediatria, Journal of Environmental Studies and Sciences, Journal of Exposure Science & Environmental Epidemiology, Journal of Geography, Journal of Physical Activity and Health, Journal of Sport and Health Science, Journal of Urban Health, Landscape and Urban Planning (5x), Natural Hazards, Natural Hazards Review, PLOS Neglected Tropical Diseases, PLOS ONE, Preventive Medicine, Professional Geographer, Social Science & Medicine, Turkish Journal of Botany, Urban Climate, Urban Planning, National Science Foundation (ad hoc reviewer, 2x), Netherlands Organisation for Health Research and Development (ZonMw).

AWARDS and HONORS

2020	CU Denver Award for Excellence in Leadership and Service
2020	College of Liberal Arts and Sciences (CLAS) Award for Excellence in Leadership and Service
2019	Best Article on Elementary Education (2018), National Council for Geographic Education
2014	College of Liberal Arts and Sciences (CLAS) Award for Excellence in Research and Creative Activities
2011	Best Article for Program Development (2010), National Council for Geographic Education

MEMBERSHIP in PROFESSIONAL ORGANIZATIONS

- Association of American Geographers (AAG)
- Council on Undergraduate Research (CURA)
- National Council for Geographic Education (NCGE)
- Spatial Intelligence Learning Center (SILC)

TRAINING and PROFESSIONAL DEVELOPMENT

- Completion of the *Association of College and University Educators (ACUE) Course on Inclusive Pedagogy*.
- Participant in the *University of Colorado Educational Leadership Program (ELP) (Su2019-S2020)*
- Completion of the *Association of College and University Educators (ACUE) Course on Effective Teaching Practices (F2018-S2019)*
- Completion of *Extended DISC (personal assessment tool) Training (S2019)*
- Attended *Leading and Influencing as a Department Chair (Academic Impressions) (S2019)*
- Completed *Crucial Conversations Workshop (Su2017)*