

CURRICULUM VITAE

DEBORAH S.K. THOMAS, Ph.D.

Professor, Department of Geography & Earth Sciences
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EDUCATION

Ph.D. Geography	University of South Carolina, 1999 Chair: Dr. Susan L. Cutter
M.A. Geography	University of North Carolina, Charlotte, 1995 Chair: Dr. Owen J. Furuseth
B.A. Geography	University of Kansas, 1993; highest distinction with honors Advisor (honors thesis): Dr. James P. Shortridge

RESEARCH & TEACHING INTERESTS

Hazards/disasters, Health Geography, Geographic Information Systems, Environmental Health, Environmental Policy and Planning, Human-environment Interactions.

PROFESSIONAL EXPERIENCE

2018-Pres.	Professor and Chair, Department of Geography and Earth Sciences, University of North Carolina at Charlotte
2016-2018	Professor, Department of Geography and Environmental Sciences, University of Colorado Denver.
2015(Jan)-2018	Chair, Department of Geography and Environmental Sciences.
2007-2016	Associate Professor, Department of Geography and Environmental Sciences, University of Colorado Denver.
2016-2018	Affiliated Faculty, PhD Program, College of Architecture and Planning, University of Colorado Denver.
2017-2018	Professor, Secondary Appointment, Department of Environmental and Occupational Health, Colorado School of Public Health.
2009-2017	Associate Professor, Secondary Appointment. Department of Environmental and Occupational Health, Colorado School of Public Health.
2008-2015	Associate Professor, Secondary Appointment. School of Public Affairs, University of Colorado Denver.
2000-2007	Assistant Professor, Department of Geography and Environmental Sciences, University of Colorado Denver; also an Affiliated Faculty with the Doctoral Program in Health and Behavioral Sciences.
1999-2000	Postdoctoral Fellow, Hazards Research Lab, Department of Geography, University of South Carolina.
1998-1999	Database Manager and Research Associate, Hazards Research Lab, Department of Geography, University of South Carolina.

- 1995-1998 Research Associate, Hazards Research Lab, Department of Geography, University of South Carolina.
- 1995-1998 Adjunct Instructor, Department of Geography, University of North Carolina at Charlotte.
- 1994-1995 Teaching Assistant, Department of Geography, University of North Carolina at Charlotte.
- 1993-1994 Research Assistant. Geographic Information Systems Specialist, Mecklenburg County Geographic Information Systems, Charlotte, North Carolina.
- 1992-1993 Technical Research Assistant, Geohydrology Section, Kansas Geological Survey.
- 1990-1992 Student Research Assistant, Technical Information Service, Kansas Geological Survey.

PUBLICATIONS (*denotes a student)

Refereed Publications

- 2019 **Thomas, DSK**, S Bull, EC Nyanza, K Hampanda, and SE Ngallaba. An mHealth pilot designed to increase the reach of prevention of mother-to-child transmission of HIV (PMTCT) across the treatment cascade in a resource-constrained setting in Tanzania. *PLoS One*. Feb 15;14(2):e0212305. doi: 10.1371/journal.pone.0212305.
- 2019 Msoffe, CU, EC Nyanza, **DSK Thomas**, O Jahanpour, and D Dewey. (2019). The sources and chemical content of edible soil sticks sold in markets in Tanzania: a cross-sectional analytical study. *Environ Geochem Health*. 41:893–906/ <https://doi.org/10.1007/s10653-018-0185-x>.
- 2018 Bull, S, **DSK Thomas** (corresponding author), EC Nyanza, and SE Ngallaba. (2018). Tanzania Health Information Technology System (T-HIT): Results from a pilot test of a tablet based system to improve prevention of mother-to-child transmission of HIV (PMTCT). *JMIR mHealth and uHealth*. 6. e16. 10.2196/mhealth.8513.
- 2018 **Thomas, DSK**. (2018). The Role of Geographic Information Science & Technology in Disaster Management. Chapter 16. in *Handbook of Disaster Research, 2nd Edition*. Rodriguez, H, W. Donner, and J.E. Trainor. (Eds.). New York: Springer. p 311-330. (ISBN 978-3-319-63254-4). (Released 2017).
- 2017 Nyanza, EC, P Yohana, **DSK Thomas**, WE Thurston, E Konje, D Dewey. (2017). Knowledge of and adherence to the Cyanide Code among small-scale gold miners in northern Tanzania. *Journal of Health & Pollution*. 7(14): 4-14. (<https://doi.org/10.5696/2156-9614-7.14.4>)
- 2016 Morrato EH, EJ Campagna, SE Brewer, LM Dickinson, **DSK Thomas**, BF Miller, J Dearing, BG Druss, RC Lindrooth. (2016). Metabolic Testing for Adults in a State Medicaid Program taking Antipsychotics: Remaining Barriers to achieving Population Health Prevention Goals. *JAMA Psych*. 73(7):721-730. (doi: 10.1001/jamapsychiatry.2016.0538).
- 2016 Morrato EH, SE Brewer, EJ Campagna, M Dickinson, **DSK Thomas**, BG Druss, BF Miller, JW Newcomer, RC Lindrooth. (2016). Glucose Testing for Adults Receiving Medicaid and Antipsychotics: A Population-Based Prescriber Survey on Behaviors, Attitudes, and Barriers. *Psychiatric Services*. 67(7):798-802 (<http://dx.doi.org/10.1176/appi.ps.201500181>)
- 2016 White, A, **DSK Thomas**, N Ezeanochie, and S Bull. (2016). Health Worker mHealth Utilization: A Systematic Review. *CIN: Computers, Informatics, Nursing*. 34(5):206-13 (doi: 10.1097/CIN.0000000000000231).
- 2016 Kreisberg, D, **DSK Thomas**, M Valley, S Newell, E Janes, and C Little. (2016). Vulnerable populations in hospital and healthcare emergency preparedness planning: A comprehensive framework for inclusion. *Prehospital and Disaster Medicine*. 31(2):211-9 (doi: 10.1017/S1049023X16000042). Epub 2016 Feb 2.

- 2016 Bull, SS, G Domek, and **D Thomas**. (2016). "eHealth and Global Health Promotion" in RS Zimmerman, RJ DiClemente, JK Andrus, EN Hosein & SOPHE (eds.), Introduction to Global Health Promotion San Francisco, CA: Jossey-Bass, pp145-172 (invited, peer-reviewed).
- 2015 **Thomas, DSK**, P Anthamatten, E Dowling Root, M Lucero, H Nohynek, V Tallo, G Williams, EAF Simões, and the ARIVAC Consortium. (2015). Disease mapping for informing targeted health interventions: Childhood pneumonia in Bohol, Philippines. *Tropical Medicine & International Health*. 20(11): 1525-1533. (doi: 10.1111/tmi.12561, Epub ahead of print).
- 2015 Almeida FA, RL Smith-Ray, DA Dzewaltowski, RE Glasgow, RE Lee, **DS Thomas**, S Xu, PA Estabrooks. (2015). An Interactive Computer Session to Initiate Physical Activity in Sedentary Cardiac Patients: Randomized Controlled Trial. *Journal of Medical Internet Research* 2015;17(8):e206 (DOI: 10.2196/jmir.3759; PMID: 26303347).
- 2015 **Thomas, DSK**. (2015). "Vulnerability Assessments" Chapter 19 in M Ruth (ed.), Handbook of Research Methods and Applications in Environmental Studies, Northampton, MA: Edward Elgar Publishing, pp 426-449 (invited, peer-reviewed).
- 2014 Morrato, EH, J Parks, EJ Campagna, E Muser, **DSK Thomas**, H Fang, and D Doshi. (2014). Comparative effectiveness of long-acting paliperidone palmitate versus oral atypical antipsychotics: early postmarketing evidence. *Journal of Comparative Effectiveness Research* 4(2):89-99. (doi: 10.2217/cer.14.50. Epub 2014 Sep 24).
- 2014 Root, ED, **DSK Thomas**, EJ Campagna, and EH Morrato. (2014). Adjusting for geographic variation in observational comparative effectiveness studies: A case study of antipsychotics using state Medicaid data. *BMC Health Services*. 14:355. (doi: 10.1186/1472-6963-14-355).
- 2014 Nyanza, EC, D Dewey, **DSK Thomas**, M Davey and SE Ngallaba. (2014). Mercury and Arsenic Levels in Water, Soil and Cassava in an Artisanal and Small Scale Gold Mining Community in Tanzania. *Bulletin of Environmental Contamination and Toxicology*. Available online (doi: 10.1007/s00128-014-1315-5).
- 2014 Nyanza, EC, M Joseph*, SS Premji, **DSK Thomas** and C Mannion. (2014). Geophagy practices and the content of chemical elements in the soil eaten by pregnant women in artisanal and small scale gold mining communities in Tanzania. *BMC Pregnancy and Childbirth* 2014, 14:144 (doi:10.1186/1471-2393-14-144).
- 2014 Root, ED, M Lucero, H Nohynek, P Anthamatten, **DSK Thomas**, V Tallo, A Tanskanen, B Quiambao, T Puumalainen, S Lupisan, P Ruutu, E Ladesma, G Williams, I Riley, and EAF Simões. (2014). Distance to health services affects local-level vaccine efficacy for pneumococcal conjugate vaccine (PVC) among rural Filipino children. *PNAS*, 111(9), 3197–3198 (doi: 10.1073/iti0914111).
- 2014 Tabano, D, J Barrow, E. McCormick, K Bol, P Anthamatten, **D Thomas**, M Daley. PS2-20: Obesity Mapping in Colorado: A Novel System for Monitoring and Tracking BMI. *Clinical Medicine & Research*. 2014 Sep; 12(1-2): 83. (doi: 10.3121/cmr.2014.1250.ps2-20)
- 2013 Valley MA, JF Trotter, **D Thomas**, AA Ginde, SR Lowenstein, & B Honigman. (2013). The relationship between hepatopulmonary syndrome and altitude. *Canadian Journal of Gastroenterology & Hepatology*. 28(3): 140-2 (doi: 24619635).
- 2013 **Thomas, DSK**, OV Wilhelmi, T Finessey, and V Deheza. (2013). A Comprehensive Framework for Tourism and Recreation Drought Vulnerability Reduction. *Environmental Research Letters*. 8: 044004. (doi:10.1088/1748-9326/8/4/044004). available at <http://stacks.iop.org/1748-9326/8/044004>.
- 2013 Charles, E*, **DSK Thomas**, D Dewey, M Davey, SE Ngallaba, and E Konje. (2013). A cross-sectional survey on knowledge and perceptions of health risks associated with arsenic and mercury contamination from artisanal gold mining in Tanzania. *BMC Public Health*, 13:74. (doi: 10.1186/1471-2458-13-74).

- 2012 Brooks, E*, DK Novins, **D Thomas**, L Jiang, HT Nagamoto, N Dailey, B Bair, and JH Shore. (2012). Personal Characteristics Affecting Veterans' Service Use for Posttraumatic Stress Disorder. *Psychiatric Services*. 63(9). (doi: 10.1176/appi.ps.201100444).
- 2011 Betz, ME, MA Valley, SR Lowenstein, H Hedegaard, **D Thomas**, L Stallones, and B Honigman. (2011). Elevated Suicide Rates at High Altitude: Sociodemographic and Health Issues May Be to Blame *Suicide and Life-Threatening Behavior* 41(5) October 2011. (doi: 10.1111/j.1943-278X.2011.00054.x).
- 2011 Ezzati, M, ME Horwitz*, **DSK Thomas**, AB Friedman, R Roach, T Clark, CJ L Murray, and B Honigman. (2011). Altitude, life expectancy and mortality from ischaemic heart disease, stroke, COPD and cancers: national population-based analysis of US counties. *J Epidemiol Community Health*. (doi:10.1136/jech.2010.112938; JECH Online First, published on March 15, 2011 as 10.1136/jech.2010.112938).
- 2011 Estabrooks, PA, RE Glasgow, S Xu, DA Dzewaltowski, RE Lee, **D Thomas**, FA Almeida, AN Thayer, RL Smith-Ray. (2011). Building a multiple modality, theory-based physical activity intervention: The development of CardiACTION. *Psychology of Sport and Exercise* 12(1):46-53. (doi:10.1016/j.psychsport.2010.04.012).
- 2011 Morrato, EH, BG Druss, DM Hartung, RJ Valuck, **D Thomas**, R Allen, E Campagna, and JW Newcomer. (2011). Small area variation and geographic and patient-specific determinants of metabolic testing in antipsychotic users. *Pharmacoepidemiology and Drug Safety* 2010; 19: 1–10. (PMCID: PMC3622906). 20:66–75. Published online 15 November 2010 in Wiley Online Library (wileyonlinelibrary.com) DOI: 10.1002/pds.206.
- 2009 Seibert-Kuhlmann, A*, J Brett, **D Thomas**, S Sain. (2009). Exploration of Social and Built Environment Factors Associated with Pedestrians/Motor Vehicle Collision in Denver. *American Journal of Public Health*. 99(9): 1631-1637. (doi: 10.2105/AJPH.2007.131961).
- 2008 Wilhelmi, OV, MJ Hayes, and **DSK Thomas**. (2008). Managing Drought in Mountain Resort Communities: Colorado's Experiences. *Disaster Prevention and Management*. 15(5):672-680. (doi: 10.1108/09653560810918676).
- 2006 **Thomas, DSK**, K Ertugay*, and S Kemec*. (2006). "The Role of Geographic Information Systems/Remote Sensing in Disaster Management" in *Handbook of Disaster Research*. Rodriguez, H., Quarantelli, E.L., and Dynes, R. (Eds.). New York: Springer.
- 2006 Choudhuri, JA*, LG Ogden, **DSK Thomas**, J Ruttenber, JK Todd, and EAF Simoes. (2006). Effect of Altitude on Hospitalizations for Respiratory Syncytial Virus Infection. *Pediatrics*, Vol. 117 No. 2 February 2006, pp. 349-356. (doi: 10.1542/peds.2004-2795).
- 2003 **Thomas, DSK**, SL Cutter, ME Hodgson, M Gutekunst, and S Jones. (2003). "Use of Spatial Data and Geographic Technologies in Response to the September 11 Terrorist Attack on the World Trade Center" in *Impacts of and Human Response to the September 11, 2001 Disasters: What Research Tells Us*. Special Publication #39. Boulder, CO: Natural Hazards Research and Applications Information Center, University of Colorado.
- 2000 Mitchell, JT, **DSK Thomas**, AA Hill, and SL Cutter. (2000). Catastrophe in Reel Life versus Real Life: Perpetuating Disaster Myth through Film. *International Journal of Mass Emergencies and Disasters* 18(3): 383-402.
- 1999 **Thomas, DSK**, JT Mitchell, MS Scott, and SL Cutter. (1999). Developing a Digital Atlas of Environmental Risks and Hazards. *Journal of Geography*. 98(5): 201-207.
- 1999 Mitchell, JT, **DSK Thomas**, and SL Cutter. (1999). Dumping in Dixie Revisited: The Evolution of Environmental Injustices in South Carolina. *Social Science Quarterly* 80(2): 229-243.
- 1997 Mitchell, JT, MS Scott, **DSK Thomas**, M Cutler, P Putnam, RF Collins, and SL Cutter. (1997). Mitigating Against Disaster: Assessing Hazard Vulnerability at the Local Level. *Proceedings, GIS/LIS '97*. 563-571. Bethesda: AAG, ACSM, AM/FM, ASPRS, and URISA. October 29, 1997, 563-571.

- 1997 **Thomas, DSK** and OJ Furusest. (1997). The Realities of Incorporating Sustainable Development into Local-level Planning: A Case Study of Davidson, North Carolina. *Cities* 14(4):219-226.

In Review - Refereed Publications

- 2019 **Thomas, DSK**, K Daly, EC Nyanza, SE Ngallaba, and S Bull. Health Worker Acceptability of an mHealth Solution for PMTCT in Tanzania. *AIDS Care*. (submitted; under revision)
- 2019 Madullu, M, **DSK Thomas**, EC Nyanza, S Kiluvia, SE Ngallaba, and J Seni. Geographical distribution of suspected and confirmed cholera cases in Mwanza City, Tanzania. *International Journal of Environmental Research and Public Health*. (submitted; under revision)
- 2019 Starling, AP, BF Moore, **DSK Thomas**, JL Peel, W Zhang, JL Adgate, S Magzamen, SE Martenies, WB Allshouse, KK Harrall, D Dabelea. Prenatal exposure to traffic and ambient air pollution and infant weight and adiposity: The Healthy Start Study. *International Journal of Obesity*. (submitted)
- 2019 Anthamatten, P, **DSK Thomas**, D Williford, JC Barrow, KA Bol, AJ Davidson, SJ Deakyne Davies, E McCormick Kraus, DC Tabano, MF Daley, Geospatial Monitoring of Body Mass Index: Use of Electronic Health Record Data Across Health Care Systems. *Public Health Reports* (submitted)

Books and Book Chapters (non-refereed)

- 2013 **Thomas, DSK**, BD Phillips, WE Lovekamp, and A Fothergill (editors), Social Vulnerability to Disasters, 2nd Edition, Boca Raton: CRC Press, Taylor & Francis Group.
- 2013 Fordham, M, WE Lovekamp, **DSK Thomas**, and BD Phillips. "Understanding Social Vulnerability," Chapter 1 in Thomas, DSK, BD Phillips, WE Lovekamp, and A Fothergill (eds), Social Vulnerability to Disasters, 2nd Edition, Boca Raton: CRC Press, Taylor & Francis Group, pp 1-29.
- 2013 Scandlyn, J, **DK Thomas**, and J Brett. "Theoretical Framing of Worldviews, Values, and Structural Dimensions of Disasters," Chapter 2 in Thomas, DSK, BD Phillips, WE Lovekamp, and A Fothergill (eds), Social Vulnerability to Disasters, 2nd Edition, Boca Raton: CRC Press, Taylor & Francis Group, pp 33-56.
- 2013 **Thomas, DSK**, ME Newell*, and D Kreisberg. "Health," Chapter 9 in Thomas, DSK, BD Phillips, WE Lovekamp, and A Fothergill (eds), Social Vulnerability to Disasters, 2nd Edition, Boca Raton: CRC Press, Taylor & Francis Group, pp 235-264.
- 2013 **Thomas, DSK**, I Hyde*, and MA Meyer*. "Measuring and Conveying Social Vulnerability," Chapter 16 in Thomas, DSK, BD Phillips, WE Lovekamp, and A Fothergill (eds), Social Vulnerability to Disasters, 2nd Edition, Boca Raton: CRC Press, Taylor & Francis Group, pp 415-446.
- 2013 D Bennett*, BD Phillips, **DSK Thomas**, E Gruntfest, and J Sutton. "New Ideas for Practitioners," Chapter 18 in Thomas, DSK, BD Phillips, WE Lovekamp, and A Fothergill (eds), Social Vulnerability to Disasters, 2nd Edition, Boca Raton: CRC Press, Taylor & Francis Group, pp 473-500.
- 2009 Phillips, BD, **D Thomas**, A Fothergill, and L Blinn-Pike (editors), Social Vulnerability to Disasters, CRC Press. August, 2009.
- 2009 Scandlyn, J, CN Simon*, **DSK Thomas**, and J Brett. "Theoretical Framing of Worldviews, Values, and Structural Dimensions of Disasters," Chapter 2 in Phillips, BD, D Thomas, A Fothergill, and L Blinn-Pike (eds), Social Vulnerability to Disasters, CRC Press. August, 2009.
- 2009 **Thomas, DSK**, EA Davis, and A Clive. "Health," Chapter 9 in Phillips, BD, D Thomas, A Fothergill, and L Blinn-Pike (eds), Social Vulnerability to Disasters, CRC Press. August, 2009.
- 2009 **Thomas, DSK**, PK Stephens*, and J Goldsmith*. "Measuring and Conveying Social Vulnerability," Chapter 14 in Phillips, BD, D Thomas, A Fothergill, and L Blinn-Pike (eds), Social Vulnerability to Disasters, CRC Press. August, 2009.

- 2009 Enarson, E, E Grundtfest, BD Phillips, and **DSK Thomas**. "New Ideas for Practitioners," Chapter 15 in Phillips, BD, D Thomas, A Fothergill, and L Blinn-Pike (eds), Social Vulnerability to Disasters, CRC Press. August, 2009.
- 2006 **Thomas, DSK**, OV Wilhelmi, and MJ Hayes. "Disaster Reduction, Drought, and the Mountain Resort Community." in Mountain Resort Planning and Development in an Era of Globalization. T Clark, A Gill, and R Hartmann (eds.). Elmsford, NY: Cognizant Communication Corp.
- 2003 Mitchell, JT, DSK Thomas, and SL Cutter. "Dumping in Dixie Revisited: The Evolution of Environmental Injustices in South Carolina." in The Urban Community. W. Allen Martin, ed. Upper Saddle River, New Jersey: Prentice-Hall. pp. 229-238.
- 2003 **Thomas, DSK** "Public Health, Law Enforcement, and Hazards Management" p. 9-15 in The Geographical Dimensions of Terrorism. S.L. Cutter, D.B. Richardson, and T.J. Wilbanks (eds.). Routledge: New York and London.
- 2001 **Thomas, DSK** and JT Mitchell. "Which Are The Most Hazardous States?" in American Hazardscapes. SL Cutter (ed.). Joseph Henry Press: Washington, D.C.
- 2001 **Thomas, DSK** "Data, Data Everywhere, But Can We Really Use Them?" in American Hazardscapes. SL Cutter (ed.). Joseph Henry Press: Washington, D.C.
- 2001 JT Mitchell and **DSK Thomas**. "Trends in Disaster Losses" in American Hazardscapes. SL Cutter (ed.). Joseph Henry Press: Washington, D.C.
- 1999 Cutter, SL, **DSK Thomas**, ME Cutler, JT Mitchell, and MS Scott. South Carolina Atlas of Environmental Risks and Hazards. University of South Carolina Press: Columbia, South Carolina.
- 1999 **Thomas, DSK** (Contributing Author). Disasters by Design: A Reassessment of Natural Hazards in the United States. DS Mileti (ed.). Joseph Henry Press: Washington, D.C.
- 1997 Furuseth, OJ and **DSK Thomas**. "Moving from Principles to Policy: A Framework for Rural Sustainable Community Development in the United States" in Rural Sustainable Development in America, Ivonne Audirac (ed.). John Wiley and Sons, Inc., New York. 131-145.

Non-Refereed Publications

- 2014 Tabano, D., Barrow, J., McCormick, E., Bol, K., Anthamatten, P., Thomas, D., and Daley, M. 2014. 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 **Thomas, D** and O Wilhelmi. "Drought Assessment for Recreation & Tourism: Phase II Colorado Statewide Report" August, 2014.
- 2012 **Thomas, D** and O Wilhelmi. "Drought Assessment for Recreation & Tourism: Southwestern Colorado Report" July, 2012. Available at: <http://cwcwweblink.state.co.us/WebLink/ElectronicFile.aspx?docid=168866&&dbid=0>
- 2012 "Effectiveness of Invega Sustenna® in a Medicaid Population: Comparing the effectiveness of long-acting paliperidone palmitate (Invega Sustenna®) versus oral second-generation antipsychotics when used by adult patients with schizophrenia in a real-world clinical environment". Study Report. May 14, 2012. Elaine Morrato, Study Report Director.
- 2012 **Thomas, D** and E Dennis. Updated Colorado Social Vulnerability Analysis. University of Colorado Center for Integrated Health and Disaster Preparedness. CDIHP. 2012.
- 2011 Kreisberg, D et al. "Integrated emergency preparedness planning for vulnerable populations. University of Colorado Center for Integrated Health and Disaster Preparedness. CDIHP – Report #3. August, 2011. Downloadable at <http://www.ucdenver.edu/academics/colleges/medicalschoo/departments/EmergencyMedicine/DisasterHealthPrepare/Pages/default.aspx>.
- 2005 **Thomas, DSK** "Vulnerability Science: Challenges & Opportunities in the GIS Environment" in workshop proceedings *Strategies for an Earthquake Loss Estimation Program for Turkey* edited by Muhammed Sahin, Mehmet Karaca, and Cankut Ormeji. Istanbul Technical University.

- 2004 Wilhelmi, OV, **DSK Thomas**, and MJ Hayes. "Colorado Resort Communities and the 2002-03 Drought: Impacts and Lessons Learned" Quick Response Report, Natural Hazards Research and Applications Information Center, University of Colorado, Boulder, CO.
- 2004 **Thomas, D** "The Importance and Relevance of Geographic Approaches in Disaster Research" prepared for the *Disaster Research Center's (DRC) 40th Anniversary Conference*, April, 2004. 5 pp.
- 2004 **Thomas, D** and D Mileti. "Designing Educational Opportunities for the Hazards Manager of the 21st Century Workshop Report" April, 2004. 33 pp.
(http://www.colorado.edu/hazards/higher_ed/Haz%20Mgmt%20Workshop%20Report.pdf)
- 2004 **Thomas, D** and R Hansen "2nd Annual Report: Denver Police Department Contact Card Data Analysis, June 1, 2002 through May 31, 2003." Report for the Denver Police Department on Racial Profiling Data. 51 pp. (<http://www.denvergov.org/Police/template19843.asp>)
- 2004 **Thomas, D**, J Wright & J Hand, 2003. Using GIS in paleontology field studies. *NOVAtion*. Available from <http://novationsjournal.org/>
- 2003 Morrow, B, E Enarson, B Phillips, C Childers, B Wisner, and **D Thomas**. "Social Vulnerability." FEMA Higher Education Training Publication.
(<http://www.training.fema.gov/emiweb/edu/socialvulappro.asp>)
- 2002 **Thomas, D** "1st Annual Report: Denver Police Department Contact Card Data Analysis, June 1, 2001 through May 31, 2002." Report for the Denver Police Department on Racial Profiling Data. 43 pp. (<http://www.denvergov.org/Police/template19843.asp>)
- 2002 **Thomas, DSK**, SL Cutter, M Hodgson, M Gutekunst, and S Jones. "Use of Spatial Data and Geographic Technologies in Response to the September 11 Terrorist Attack." Quick Response Report #153, Natural Hazards Research and Applications Information Center, University of Colorado, Boulder, CO.
- 2001 **Thomas, DS** "Preliminary Summary Report: Denver Police Contact Card Data, June 1, 2001 through August 31, 2001." Report for the Denver Police Department on Racial Profiling Data. 29pp.
- 1997 Cutter, SL, JT Mitchell, MS Scott, and **DSK Thomas**. "A GIS-Based Hazards Assessment for Georgetown County, South Carolina." Unpublished Final Report. Columbia, South Carolina: South Carolina Emergency Preparedness Division. 71 pp.
- 1997 Collins, RF, MS Scott, **D Thomas**, and ME Hodgson. "Working Bibliography on Hazards and Geographic Processing Techniques." Hazards Research Lab Discussion Paper Series No. 10, Department of Geography, University of South Carolina, Columbia, SC. 18 pp.
- 1997 Mitchell, JT, **DSK Thomas**, and SL Cutter. "Measuring Environmental Equity in South Carolina." Hazards Research Lab Discussion Paper Series No. 8, Department of Geography, University of South Carolina, Columbia, SC, 21pp.
- 1993 Macfarland, PA, J Combes, S Turbek, and **DS Kirshen**. "Shallow Subsurface Bedrock Geology and Hydrostratigraphy of Southwestern Kansas." 13p, 18 plates (Kansas Geological Survey Open-file Report number 93-1a).
- 1992 McClain, TJ, RW Buddemeier, **DS Kirshen**, and RE Bassler. "Overview and Guide to the M-33 Map Series; Saturated Thickness of the High Plains Aquifer in Southwestern Kansas Groundwater Management District." 188 p. (Kansas Geological Survey Open-file Report number 92-45a-f).

PRESENTATIONS (last 7 years)

- 2019 Geospatial Monitoring of Body Mass Index in Denver, Colorado, USA, Peter Anthamatten, **Deborah Thomas**, Devon Williford, Jennifer Barrow, Kirk Bol, Arthur Davidson, Sara Deaknye Davies, Emily McCormick Kraus, David Tobano, Matthew Daley *International Medical Geography Symposium*, Queenstown, New Zealand, July 2, 2019

- 2019 "Women in Geography, Building Leaders for Tomorrow" *Annual Meeting of the Association of American Geographers*, Washington DC, April 6, 2019. (panelist)
- 2019 "History and Future Directions of the Enhancing Diversity Panel" *Annual Meeting of the Association of American Geographers*, Washington DC, April 6, 2019. (panelist)
- 2018 "Using health (in)equality to gauge social vulnerability and potential for cascading disasters" *Cascading Disasters: Theory, Methods and Empirics*, International Workshop, Technion, Israel Institute of Technology, Israel, November 28-29, 2018 (invited).
- 2018 "A Spatial Analysis of a 2015-16 Cholera Outbreak in Mwanza, Northern Tanzania," M Madullu, **D Thomas**, and EC Nyanza, Fourth African Conference on Emergency Medicine (AfCEM), Kigali, Rwanda, November, 7-9, 2018.
- 2018 "Encroachment or opportunity? Geography in a world of environmental studies, global and international studies, GIScience, environmental science and sustainability studies." Facilitated Session. *Meeting of the Great Plains/Rocky Mountain Division of the American Association of Geographers*, Oct 6, 2018.
- 2017 "Malaria Severity and Access to Health Care in the Ngorongoro Conservation Area (NCA), Tanzania." *Meeting of the Great Plains/Rocky Mountain Division of the American Association of Geographers*, Oct 14, 2017.
- 2017 "Use of geospatial analysis to examine heterogeneity of diabetes risk management integration into routine healthcare for adults taking antipsychotics," RK Johnson, DSK Thomas, EJ Campagna, EH Morrato, *ISPE's 33rd International Conference on Pharmacoepidemiology and Therapeutic Risk Management (ICPE 2017)*. Montreal, Canada. August 26, 2017.
- 2017 "Using Big Data for Dissemination and Implementation Science Research: Linking Survey, Claims, and Geospatial Data Analyses to Study Diabetes Screening Implementation in Missouri Medicaid Patients with Mental Illness, 2016-2017" EH Morrato and DSK Thomas, *CRISP Seminar Series: Big Data: The Power of Large Observational Data Sets*, Denver, CO, April 24, 2017 (Invited).
- 2017 "Social Vulnerability & GIS: Bringing Hazards and Health Together in Tanzania." Colorado State Public Health Colloquium Speaker. March 27, 2017.
- 2017 Invited Panelist, International Women's Day 2017, Global Women's Seminar: Innovations in Global Health, World Denver, March 8.
- 2016 "Using geo-spatial methods to evaluate the influence of built environment features on overweight and obesity in Denver children," Johnson, RK and DSK Thomas. Oral Presentation, *American Public Health Association Annual Meeting*, Denver, CO, November 2, 2016.
- 2016 "Improving PMTCT with Technology: Findings from a Pilot Study in Tanzania," Bull, S, DSK Thomas, E. Nyanza, and S Ngallaba. Poster. *American Public Health Association Annual Meeting*, Denver, CO, October 31, 2016.
- 2016 "Best mHealth and GIS Practices Used in Developing the Tanzania Health Information System," *Global Health and Disasters Symposium/Course*, University of Colorado Anschutz Medical Campus, October 17, 2016.
- 2016 "Creating a Framework for Healthcare Disaster Resilience in a Changing Healthcare Landscape," *External Advisory Meeting, UPMC Center for Health Security*, Baltimore, MD, October 20, 2016 (Invited participant).
- 2016 "Social and Behavioral Science Research Perspectives," *Advancing Social and Behavioral Science Research and Application within the Weather Enterprise. National Academies of Sciences*. Boulder CO, October 6, 2016. (invited panelist).
- 2016 "Applying Best Practices in Developing the Tanzania Health Information Technology System (T-HIT) for Improvement of Health in Support of an Industrialized Economy." Nyanza, EC, DSK Thomas, S Bull, and SE Ngallaba. *Tanzania Commission for Science and Technology's (COSTECH), 5TH Annual National Science, Technology and Innovation Conference and Exhibitions*, Kisumu, Tanzania, August 23-25, 2016.

- 2016 "Applying Best Practices in Developing the Tanzania Health Information Technology System (T-HIT) for Understanding Scalability and Transferability." *Annual Meeting of the Association of American Geographers*, San Francisco, CA, April 1, 2016 (with S Bull, EC Nyanza, SE Ngallaba, and M Liedke).
- 2015 "Recovery of Latino Communities after the September 2013 Colorado Flash Floods." *Annual Meeting of the Association of American Geographers*, Chicago, IL, April 21, 2015 (with A Rumbach, J Rodrigues, I Pichardo, L Lizarraga, J Nemeth, and C Makarewicz).
- 2014 "Health Care Access and Malaria Severity in the Ngorongoro Conservation Area (NCA), Tanzania." K Crawford, C Croyle, A Gurung, C Musiba, CC Magori, D Thomas. *Global Health Symposium*. November 21, 2014.
- 2014 "Evolving View on Preparedness Communication," Disaster Communication: Redesigned, NSF funded workshop. Lexington, KY, November 10-11, 2014 (invited panelist).
- 2014 "Body Mass Index (BMI) Mapping and Community Engagement," D Swack, E Reynolds, F Morales, D Riebel, DSK Thomas and P Anthamatten. *Great Plains-Rocky Mountains Region Annual Meeting*, Association of American Geographers, Albuquerque, NM, October 24, 2014.
- 2014 "Understanding Latino Community Recovery after the September 2013 Colorado Flash Floods," I Pichardo, J Rodriguez, D Thomas, A Rumbach, L Lizarraga, W Klaw, D Lizarraga, J Nemeth, C Makarewicz, and L Cole. *Great Plains-Rocky Mountains Region Annual Meeting*, Association of American Geographers, Albuquerque, NM, October 24, 2014.
- 2014 "Potentials for Use of Social Vulnerability Assessments to Aid Decision Making for the Colorado Dam Safety Branch" L Ferre, B McCormick, and D Thomas. *Annual Meeting of the Association of State Dam Safety Officials*. San Diego, CA, September 24, 2014.
- 2014 "Local Geographies of Rabies in Kasulu and Kibondo Districts, Tanzania" *Annual Meeting of the Association of American Geographers*, Tampa, FL, April 12, 2014 (with E Charles, L Bonnell, C Croyle, SE Ngallaba, and D Makerere).
- 2013 "Reducing Health Risk from Mercury and Arsenic through Health Promotion Education and Training in Geita District, Tanzania" D Hartsock, E Charles, L Bonnell, D Thomas. *Global Health Symposium*. November 15, 2013.
- 2013 "A Geographic Analysis of Knowledge, Awareness and Attitudes of Rabies in Kasulu and Kibondo Districts, Tanzania" L Bonnell, E Charles, C Croyle, SE Ngallaba, D Makerere, D Hartsock, DSK Thomas. *Global Health Symposium*. November 15, 2013.
- 2013 "Drought Assessment for Recreation & Tourism in Southwestern Colorado" *Annual Meeting of the Association of American Geographers*, Los Angeles, CA, April 11, 2013 (with O Wilhelmi and T Finnessey).
- 2013 Invited Panelist, "Expert Panel Discussion of Data-Sharing Topics" *5th Annual Regional Data Summit*, DRCOG, Denver, CO, January 25, 2013.
- 2012 "Building Health Geographic Information Systems (GIS) Capacity in Tanzania" University of Colorado Denver, *Global Health Symposium*. November 16, 2012.
- 2012 "Geophagia: Soil Pica of Pregnancy." Mannion C, M Joseph, E Charles, D Thomas D, and S Premji, *2nd Annual Conference of the Canadian Association of Perinatal and Women's Health Nurses*, Saint John, NB, Canada, October 18-20, 2012.
- 2012 "Drought Assessment for Recreation and Tourism – A Framework to Evaluate Vulnerability in the Tourism and Recreation Sector in Southwestern Colorado." *2012 CWCB Drought Conference*, History Colorado Center, September, 19, 2012.
- 2012 "Geospatial Variations in Drug Utilization and the Potential for Confounding by Geography." Root ED, Thomas D, Campagna EJ, Newcomer JW, Parks J, Morrato EH. Poster presentations at the *28th International Conference on Pharmacoepidemiology and Therapeutic Risk Management*, Barcelona, Spain, August 22-26, 2012.

- 2012 “Drug utilization patterns for paliperidone palmitate in Medicaid patients.” Newcomer JW, Campagna EJ, Parks J, Stuve P, Thomas D, Fang H, Dilbert, Muser E , Morrato EH. *American Psychiatric Association’s 165th Annual Meeting*, Philadelphia, PA, May 5-9, 2012.
- 2012 “An Integrated Approach to Assessing Vulnerable Populations for Hospital Disaster Planning” *Annual Meeting of the Association of American Geographers*, New York City, NY, February 25, 2012 (with Debra Kreisburg, Morgan Valley, Shannon Newell*, Enessa Janes*, and Charles Little).
- 2012 “Whole Communities: Identifying Readiness Levels as They Relate to Serving Vulnerable Populations in Disasters” *Sustainability, Eighth International Conference on Environmental, Cultural, Economic, and Social Sustainability*. Vancouver, BC, Canada, January 11, 2012 (D Kreisberg, D Thomas, and M Valley).
- 2012 “Creating an Effective Preparedness Network Inclusive of Vulnerable Populations” *Public Health Preparedness Summit 2012*, Anaheim, CA (with D Kreisberg and A Wilson-Stronks) February 21, 2012.

RECOGNITION & HONORS

- 2009 Appointed National Academies' Climate, Energy, and National Security Panel on Natural Disasters, 1-year appointment.
- 2007 Appointed Steering Committee, Disaster Roundtable, Division of National Academies of Sciences, 3-year term beginning October, 2007.
- 2006 Invited by the Multidisciplinary Center for Earthquake Engineering Research (MCEER) to participate in the US-PRC Collaboration on Earthquake Engineering Research funded by NSF (George Lee, PI), May 28-June 7, 2006.
- 2006 Invited by National Academy of Engineering to participate in the First Indo-US Frontiers of Engineering Symposium (Indo-USFOE), March 1-4, 2006, in Agra, India.
- 2005 Fulbright Scholar to Middle Eastern Technical University, Ankara, Turkey. spring semester.
- 2003 Selected for Social Science Training Fellowship for Junior Faculty, *Enabling the Next Generation of Hazard Researchers*, 2-year program. Honorarium and Travel Expenses.
- 2003 Recognition from the Denver Police Department, Chief of Police, for membership on the Biased Policing Task Force.
- 2002 Invited Focus Group Participant, *Risk Management Focus Group*, FEMA’s Emergency Management Institute Higher Education Project, Emmitsburg, MD, October 23-24, 2002. Travel Award.
- 2002 Invited Workshop Participant, *Geographic Dimensions of Terrorism*, Association of American Geographers, Washington, D.C., January 24-25, 2002. Travel and Participation Award.
- 1997 Invited Participant, National Center for Geographic Information and Analysis (NCGIA), *GIS and Epidemiology Workshop*. SUNY Buffalo, Buffalo, New York, November 14-16, 1997.
- 1997 Lovingood Award for Outstanding Graduate Research
- 1995 Outstanding Graduate Student Project Award, North Carolina Chapter of the American Planning Association (co-authored) Outstanding Graduate Student Finalist
Nominated for Outstanding Teaching Assistant, University of North Carolina at Charlotte, spring.

RESEARCH SUPPORT

External

- 2018 Doctoral Dissertation Research: The Social Construction of Nature and Health through Engagement with National Parks in Southeast Alaska. National Science Foundation: Award: 1743112. under the direction of Deborah S. Thomas, Sara B. Newman. \$29,282, funding period July 15, 2018-June 30, 2019.

- 2017 NPS Air Resources Information and Outreach Assistance, National Park Service, Air Resources Division, Natural Resource Program Center. Role PI. \$22,160 (Supplement: P17AC00659 under Cooperative Agreement P14AC00728).
- 2016 NPS Air Resources Information and Outreach Assistance, National Park Service, Air Resources Division, Natural Resource Program Center. Role PI. \$18,050 (Supplement: P15AC01473 under Cooperative Agreement P14AC00728).
- 2015 NPS Air Resources Information and Outreach Assistance, National Park Service, Air Resources Division, Natural Resource Program Center. Role PI. \$21,095 (New Task Agreement: P15AC01473 under Cooperative Agreement P14AC00728).
- 2014 Enabling the Next Generation of Hazards & Disasters Researchers, National Science Foundation, CMMI, Infrastructure Management & Extreme Events. Award: 1424075. Role PI. With Samuel Brody and Brian Gerber. \$382,126, funding period July 1, 2014-June 30, 2016.
- 2014 RAPID: Affordable Housing and Equitable Recovery: A Study of the 2013 Colorado Flash Floods, National Science Foundation: Award: CMMI-1446031. Role co-PI. with Andrew J. Rumbach (PI), Jeremy Nemeth, and Carrie L. Makarewicz. \$34,898, funding period August 1, 2014-July 31, 2015.
- 2014 NPS Air Resources Information and Outreach Assistance, National Park Service, Air Resources Division, Natural Resource Program Center. Role PI. \$21,391, 2014 (supplement to Agreement Number: H2370094000).
- 2013 SMS/GIS Integration for HIV Surveillance and Health Care Delivery, National Institute of Mental Health. R21 MH099942-01A1. Role PI. \$414,483. With Sheana Bull. funding period August 20, 2013-August 19, 2015.
- 2013 Drought Assessment for Recreation & Tourism: Phase 2, Colorado Water Conservation Board. Role PI. \$24,932, funding period August, 2013-May, 2014.
- 2012 Adult and Childhood obesity in Colorado: a system for monitoring and tracking interventions, Colorado Health Foundation through Kaiser Permanente. Role: co-PI, with Peter Anthamatten. \$175,621, funding period August, 2012-May, 2014.
- 2011 Data Systems Management and Support for the National Park Service Abandoned Mineral Lands Program, National Park Service \$19,499 and \$78,000, funding period Sept 1, 2011-Sept 30, 2013. (Supplement to Agreement Number: H2360105500).
- 2011 Drought Assessment for Recreation & Tourism: Southwestern Colorado, Colorado Water Conservation Board. Role PI. \$54,870, funding period 2011-12.
- 2010 Local Health-related Capacities in the Northern Haiti Response, National Science Foundation. Role PI. with Renee King co-PI. \$39,967, funding period 2010.
- 2010 Development of a Spatial Data Clearinghouse and Interface for Site Restoration in the National Parks, National Park Service, Natural Resource Program Center. \$140,000, 2010-2011 (Agreement Number: H2360105500).
- 2009 NPS Air Resources Information and Outreach Assistance, National Park Service, Air Resources Division, Natural Resource Program Center \$15,319, 2009-2012 (supplement to Agreement Number: H2370094000).
- 2009 Developing GIS Tools and Applications for Site Restoration in the National Parks, National Park Service, Natural Resource Program Center \$67,748, 2009-2012 (Agreement Number: H2370094000).
- 2009 A Program to Award Dissertation Fellowships in Hazards, Risks, and Disasters, National Science Foundation. with Gerry Hoetmer and Kathleen Tierney. \$266,059, funding period 2009-2012.
- 2006 A Program to Award Dissertation Fellowships in Hazards, Risks, and Disasters, National Science Foundation. with Gerry Hoetmer, Kathleen Tierney, and Dennis Mileti. \$95,000, funding period 2006-2007.
- 2005 The Spatial Dynamics of Risk and Vulnerability in a Transitional Pastoral Economy, National Science Foundation. Role: co-PI with Craig Janes PI. \$197,426, funding period 2005-2006.

- 2004 Individual and Environmental Mechanisms of PA Change. Subcontract from Kaiser Permanente from a NIH Grant (Paul Estrabrooks PI). \$124,542, funding period 2005-2009.
- 2004 *Program to Award Dissertation Fellowships in Hazards, Risk, and Disasters* Subcontract funding from a National Science Foundation Grant through the Natural Hazards Center. \$25,000. funding period 2003-2005.
- 2004 Integrating GIS into Public Health Surveillance in Colorado funded by the Colorado Department of Health and Environment. \$54,969, funding period 2004-2005.
- 2003 *Designing Educational Opportunities for the Hazard Manager of the 21st Century*, funded by the National Science Foundation. With Dennis Mileti. \$59,988. Funding period 2003-2004.
- 2002 *Assessing Impacts of 'The Worst Drought in the History of Colorado on the State's Ski Industry*, Quick Response Grant funded by the Natural Hazards Center in cooperation with the National Science Foundation. With Olga V. Wilhelmi and Michael J. Hayes. \$2,360. Funding period 2002-2003.
- 2002 Denver Health Contract, *Disease Surveillance: Integrating GIS-based Field Interviews, a Pilot*. \$19,997. Funding period 2002-2003.
- 2001 *Assessing the Use of Geographical Information Technology in Responding to the September 11 Terrorist Attack in New York City*, Quick Response Grant funded by the Natural Hazards Center in cooperation with the National Science Foundation. With Susan Cutter, Michael Hodgson, Mike Gutekunst and Steven Jones, \$3,000. Completed October, 2001.
- 2001 Invited Participant, *Working Group for the Development of Guidelines for the Analysis and Interpretation of "Racial Profiling" Data*, Police Executive Research Foundation, Washington, D.C., Travel Award.
- 2000 Institute for Law and Justice, Consultant on GIS Acquisition Model, \$2,000.
- 1999 National Institute of Justice, Consultant on Final Development of Crime Mapping Training. \$1,500.

Internal

- 2012 Geospatial Variations in Drug Utilization and the Potential for Confounding by Geography, CLAS Dissemination Award (\$1700). Completed 2012.
- 2010 Health Mapping in Tanzania for Support of Evidence-based Decision-making with Particular Emphasis on Malaria, CLAS Research Innovation Seed Programs (CRISP). \$9300. Completed August, 2011.
- 2007 Linking Public Health, Sustainability, and Disaster Frameworks for Participatory Capacity Building in La Paz, Bolivia, CU Denver University Scholarship Grant, with John Brett and Jean Scandlyn, \$6,000. Completed, 2008.
- 2003 Junior Faculty Development Award, *Geographic Analysis of the Denver Police Department's Racial Profiling Data*. \$2,700. Completed June, 2004.
- 2001 Global Change and Environmental Quality Award, "Determining Environmental Contamination, Environmental Equity, and Adverse Health Outcomes in North Casper, Wyoming, Combining Geographic Information Systems and Qualitative Methods" with Karen Gottlieb and Mansoureh Tajik, \$3,500. Completed June, 2002.
- 2001 Junior Faculty Development Award, "Disaster Declarations and Hazard Losses in the U.S.: Do the Numbers Add Up," \$2,000. Completed June, 2002.

Undergraduate Research Opportunity Program Mentor (funded projects):

- Issamar Pichardo (2014/15): Understanding Latino Community Recovery after the September 2013 Colorado Flash Floods (with Andrew Rumbach co-sponsoring)
- Denise Swack, Erica Reynolds, Filiberto Morales, and Dillon Riebel (2014/15): Accessing Adult Physical Activity Opportunities through Community Engagement using BMI and Resource Mapping (with Peter Anthamatten co-sponsoring)

- Eben Dennis (2012/13): Deployment of GIS Web Services to Support Hospital Disaster Planning Professionals for Addressing Vulnerable Populations (with Peter Anthamatten co-sponsoring)
- Caroline Croyle and Hannah Boggs (2011/12): Diarrhea Disease in Children under the Age of 5 in the Ngorongoro Conservation Area (NCA), Tanzania
- Tyler Svitak (2010/11): Understanding Community Disaster Resilience
- Maria Amelia C. King, Kimberly Catlett, and Anobha Gurung, UROP(2007/8), Understanding the Spatial Distribution of Malaria in the Western Zone of Ngorongoro Conservation Area (NCA) in northern Tanzania using GIS Techniques (with Charles Musiba co-sponsoring)

TEACHING

Classes Taught

Undergraduate Lower Division	Upper Division Undergraduate/Graduate
<ul style="list-style-type: none"> • Natural Hazards • World Regional Geography • Introduction to Geography • Introduction to Earth Science • Environment, Society, and Sustainability 	<ul style="list-style-type: none"> • Introduction to GIS • Contemporary Environmental Issues • GIS Applications • Hazard Mitigation & Vulnerability Assessment • Climate Change, Disasters, and Health • GIS for Public Health Practice • Geographic Perspectives on Global Health • Research Design

Mentoring & Advising Students

Committee Chair/Advisor

Current

- Gaston “Abel” Ayon Munguia, PhD Candidate, Geography

Graduated

1. Jesse Rozelle (December, 2018), MA Student, Geography and Environmental Sciences (GES, CU Denver), International Adaptation of the HAZUS Earthquake Model using Global Exposure Datasets
2. Rachel Norton (August, 2018), PhD, Health and Behavioral Sciences, Translating Resilience: A Case Study of Hispanic Women and the Resort Service Industry in Colorado
3. Sara Newman (August, 2018), PhD, Health and Behavioral Sciences, The Social Construction of Nature and Health: Perceived Health Benefits of Engaging with Klondike Gold Rush National Historic Park
4. Amanda Martinez (August, 2018), MA Student, GES, Displacement and Distress among Low-Income African American Women after Hurricane Katrina: A Systematic Review
5. Elaine Hunt (May, 2018), Honors Thesis, Geography, Understanding Students’ Perception of Food Waste Recycling Programs and Likelihood of Adoption of Composting Programs on Auraria Campus in Denver, CO
6. Nicole Bumgardner (August, 2015), MPH Capstone, Do outcomes vary by birth place in the Misungwi District of Tanzania? (preceptor)
7. Randi K. Johnson (May, 2015), MPH Capstone, A Spatial Look at the Built Environment and Denver Children BMI (preceptor)
8. Hilary C. Williams (May, 2015), MPH Capstone, Proximity to Rail and Vulnerability of USFS Rural Areas Considerations of Crude Oil Train Derailments (preceptor)
9. Kacy Crawford (August, 2014), MPH Capstone, The Effect of Distance from Health Care on Malaria Severity in the Ngorongoro Conservation Area in Northeastern Tanzania (preceptor)
10. Denise Hartsock (May, 2014), MPH Capstone, Reducing Health Risk from Mercury and Arsenic through Health Promotion Education and Training, Geita District, Tanzania (preceptor)
11. Levi Bonnell (May 2014), MPH Capstone, Education and wealth is associated with the prevalence of improved sanitation in Geita District, Tanzania (preceptor)

12. Laura Ferre (December, 2013), Honors Thesis, Geography, Social Vulnerability of Colorado Dam Inundation Areas
13. Luciana Malisa (October, 2013), MPH Thesis, CUHAS - Tanzania, Knowledge, Attitude and Practices of Vegetable Producers Concerning the use of Pesticide in Cultivation Areas Surrounding Mwanza City, Northern Tanzania (co-supervisor)
14. Ivan Christopher Maingu (October, 2012), MPH Thesis, CUHAS – Tanzania, Knowledge and Perception of Health Risks Associated with Indoor Cooking Smoke among Female Primary Cooks in the Rural Communities of Shinyanga District, Northern Tanzania (co-supervisor)
15. Enessa Janes (December 2013), PhD, Architecture and Planning (co-advising with Jeremy Nemeth), Evaluating Local Hazards Mitigation Planning: Quality, Public Participation, and Social Vulnerability.
16. Amanda Bates (May, 2013), MPA, Capstone, Sustainable Development and Emergency Management (preceptor)
17. Ira Gorman (December, 2012) PhD, Health and Behavioral Sciences: Childhood obesity and physical activity: Parents vs. environment; who has the greater influence?
18. Mary Shannon Newell MPH/MPA Capstone (December, 2012): Public Health & Medical Preparedness & Response Training in Colorado Emergency Support Function (ESF) 8 (preceptor)
19. Antonia Rosati, Masters of Social Science Capstone (December, 2012): *TsunamiReady* Road Sign Recall and Hazard Knowledge: A Case Study of Tsunamis in Los Angeles
20. Mary Joseph, MPH Thesis, CUHAS - Tanzania (October, 2012): Assessment of Geophagy Practices including Beliefs and Content of Mercury and Arsenic in the Soil Eaten by Pregnant Women Attending Antenatal Clinics in Communities (co-supervisor)
21. Caroline Croyle, Honors Thesis, Geography (May, 2012): The Malaria Burden in the Ngorongoro Conservation Area: Findings, Recommendations, and Implications of Climate Change
22. Michael Liedtke, MPH Capstone (May, 2012): Public Health Surveillance in Tanzania: From Mobile Phones to the Cloud (preceptor)
23. Antonio Belmar, Masters of Integrated Sciences Capstone (May, 2012): Dam Failure Emergency Planning and Social Vulnerability Assessment
24. Tyler Svitak, Undergraduate Honors and Leaders Program (mentor)
25. Elias Charles, MPH Thesis, CUHAS- Tanzania (October, 2011): Assessment of community risk perceptions and environmental exposure to arsenic and mercury from artisanal gold mining at Rwamagasa area in Geita, northwest Tanzania (co-supervisor)
26. Anobha Gurung, Honors Thesis, Geography (May, 2008): Examining Climate Change and Malaria in Ngorongoro Conservation Area, Tanzania (Anobha is now finishing her PhD at Yale)
27. Jennifer Goldsmith, Capstone, Masters of Integrated Sciences (August 2009): The Case for Structural Mitigation as a Priority in the Homeland
28. Katherine Lester, Honors Thesis, Psychology (May 2008): Exploring Diverse Attitudes Toward National Parks (co-advised with Elizabeth Allen)
29. Pei Lee, Thesis, Masters of Science Environmental Sciences (August 2007): Maternal exposure to carbon monoxide and risk of low birth weight among singleton births, between 1996 and 2005 in Denver, Colorado
30. Nicole Kemp, Honors Thesis, Geography (May 2002): Using GIS to Promote Historical Significance: A case study of the Whittier Neighborhood
31. Kim Larson, Masters of Science Environmental Sciences (December 2001): Northeast Denver Environmental Initiative Participatory Decision Strategy: Recipe For Success
32. Malika Rana, B.A., Honors Thesis, Geography (May 2001): Terrain Modeling with ArcView GIS
33. Dora Kruz, B.A., Honors Thesis Geography (May 2000): West Denver Jewish Community Analysis

Committee Member

PhD Committees (at CU Denver unless otherwise denoted)

- Leah Haverhals, PhD, Health and Behavioral Sciences (current)
- Chris Czaja, DrPh, Epidemiology (current)
- Nick Ferenchak, PhD, Civil Engineering, finished May, 2018.
- Chris Jockem, PhD, Geography, Boulder, finished May, 2016.
- Emily Chasco, PhD, Health and Behavioral Sciences, finished May, 2015.
- Jessica Cook, PhD Health and Behavioral Sciences, finished February, 2015.

- Shanmuga Gnanasekaran, PhD Regional and Urban Planning, finished May, 2015 (chair).
- Greg Kinney PhD, Epidemiology, Colorado School of Public Health, finished December, 2012 (chair).
- Laura Dimmler, PhD Public Administration, finished May, 2012.
- Stacie Salomonsen-Sautel (PhD) Health and Behavioral Sciences, finished December, 2010.
- Elizabeth Brooks (PhD), Health Systems Management & Policy, CSPH, finished August, 2010.
- Christine Bevc (PhD), Sociology, University of Colorado Boulder, finished August, 2010.
- Oyuntsetseg Chuluundorj (PhD), Health and Behavioral Sciences, CU Denver, finished May, 2006.
- Anne Sebert Kuhlmann (PhD) Health and Behavioral Sciences, CU Denver, finished May, 2007.
- Diane King (PhD), Health and Behavioral Sciences, CU Denver, finished December, 2005
- Mansoureh Tajik (PhD) Health and Behavioral Sciences, CU Denver, finished December, 2002.
- Te-I Albert Tsai (PhD) Urban Planning, CU Denver, finished May, 2001.

Masters Committees (CU Denver prior to 2019, unless otherwise denoted)

- Zuhura Mwanga, CUHAS – Tanzania, MPH (current)
- Emila Msangi, CUHAS – Tanzania, MPH (current)
- Holo Dick, CUHAS – Tanzania, MPH (current)
- Rachel Nungu, CUHAS – Tanzania, MPH (current)
- Mariam Josephat, CUHAS – Tanzania, MPH, finished July, 2019.
- Trishia Vasquez, MSS Program, finished May, 2019.
- Barbara Pohl, School of Public Affairs, capstone, finished December, 2018.
- Stephanie DiBetitto, School of Public Affairs, capstone, finished December, 2017.
- Tina McGowan, School of Public Affairs, capstone, finished December, 2017.
- Rachel McPherson, Anthropology, thesis, May, 2018.
- Charisma Msoffe, CUHAS – Tanzania, MPH, thesis finished October, 2016.
- Monica Madullu, CUHAS – Tanzania, MPH, thesis finished October, 2016.
- Nicole Brunner, MS GES, MS, GES, thesis finished August, 2016.
- Alejandra Uribe-Albornoz, MS, GES, thesis finished December, 2016.
- Rachael Hamby, MA, SPA, thesis finished May, 2016
- Petro Yohana, CUHAS – Tanzania, MPH, thesis finished October, 2014.
- Chelsie Fleischer, MA, Anthropology, finished December, 2013.
- JC Martel, MPA, Public Administration, thesis, finished August, 2013.
- Ashley Cox, MPA, Public Administration, capstone, finished May, 2012.
- Jesse Hansen, MPA, Public Administration, thesis, finished May, 2012.
- Sophia Le, MPA, Public Administration, thesis, finished December, 2011.
- Jason Watkins, MENG, Civil Engineering, capstone, finished December, 2010.
- Kate Oviatt, MA, Anthropology, CLAS, thesis, finished June, 2010.
- Megan Day, MA, Urban Planning, thesis, finished 2008.
- Lisa VanBramer, MPH, publishable paper, finished August, 2007.
- Stefanie Schneider, Masters of Social Science, CLAS, thesis, finished December, 2006.
- Julie A. Choudhuri, MSPH, publishable paper, finished December, 2004.
- Amanda Hargis, MENG, Civil Engineering, capstone, GIS for Emergency Managers, finished March, 2003.
- Justin Laboe, MA, Urban Planning, CU Denver, thesis, finished May, 2002.

Honors Thesis Committee

- Thomas Horner, Geography, finished May, 2014.

Sponsored Internships (only recorded since fall, 2011):

Claire Brewer (Denver Environmental Health), Christiane Reiser (NOAA, 2 semesters/summer), Alina Shemetova (RTD), Thomas Horner (LifeSpan Technology Recycling, 2 semesters), Laura Ferre (FEMA), Tyler Svitak (American Lung Association in Denver), Laura Ferre (Office of Dam Safety), Issamar Pichardo (Hep C Connection), Ryan Felton (National Park Service), Emily Wilson (Denver Environmental Health)

Students Employed on Grants/Contracts:

Amanda Martinez, Karen Hampanda, Ryan Felton, Rachel Norton, Nicole Bumgardner, Nnamdi Ezeanochie, Issamar Pichardo, Jeannette Rodriguez, Brendan Davidson, Alice White, Levi Bonnell, Kacy Crawford, Thomas Horner, Tanya Buxton-Torres, Caroline Croyle, Eben Denis, Laura Ferre, Mary Shannon Newell, Tyler Thompson, Enessa Janes, Ksienya Pugacheva, Timothy Clark, Brodie Craig, Chris French, Frank Wentworth, Jeremy Hirsch, Sean McNabb, Nicole Robles, Anobha Gurung, Eric Ross, Jennifer Goldsmith, Jesse Rozelle, Pei Lee, Dara Hicks, Jennifer Bredt, Richard Hansen

Letters of Recommendations Written (for scholarships and graduate school admissions; this does not include verbal job references): 101

SERVICE

Departmental Service

- 2002-2018 Option Advisor for the Environmental Health Option in the Masters of Environmental Science Program.
- 2000-2018 Option Advisor for the Environmental Studies Option in the Geography B.A. Program.
- 2009-2018 Member of the “GES Subcommittee for Curriculum Development in Cartography and Spatial Reasoning”
- 2007-2012 Comprehensive Review Committees: Rafael Moreno (GES, 2007), Charles Musiba (Anthropology 2007), Ronica Rooks (Health & Behavioral Sciences, 2010), Bryan Wee (GES, 2010), Casey Allen (GES, 2011), Peter Anthamatten (GES, 2011), Gregory Simon (GES, 2012)
- 2007-2014 Tenure Review Committees: John Brett (Anthropology, 2007); Rafael Moreno (GES, 2010); Joern Langhorst (Landscape Architecture, 2012); Bryan Wee (GES, 2013); Gregory Simon (GES, 2014); Peter Anthamatten (GES, 2014)
- 2000-2014 Member of Faculty Advisory Committee for Masters of Environmental Science Program.
- 2008-2014 GES Merit Evaluation Committee
- 2000-2012 Web Design and Maintenance for Department of Geography and Environmental Sciences.
- 2008-2009 Organized the “GES Subcommittee for Curriculum Development in Cartography and Spatial Reasoning”; took the lead in reorganizing and structuring GIS curriculum and organized corresponding course revision and curriculum change requests.
- 2007-08 Chair, Search Committee, Geography Position
- 2007-08 Member, Search Committee, Geography Position
- 2007 Chair, Search Committee, Director of Signature Areas
- 2006-07 Chair, Search Committee, Geography Position
- 2001-2004 GIS Certificate Coordinator, Advising for GIS Courses and GIS Certificate.
- 2004-05 Search Committee, Health and Behavioral Science Position.
- 2002-03 Search Committee, Geography Position.
- 2002 Geography Department Self-study Committee, spring.
- 2001 Geography Curriculum Development, Development of Two Geography Options and a Minor in Planning and Regional Planning.
- 2001-02 Search Committee, Geology Position.
- 2000-01 Geography Curriculum Development, Development Certificate in GIS.

Professional Service

- 2019 Association of American Geographers, Local Arrangements Committee, Denver 2020 meeting.
- 2018-pres. Association of American Geographers, Treasurer (2-year term). Member, AAG Executive Committee.

- 2018-pres. Association of American Geographers, Member, Committee on Committees
 2018-pres. Member AAG Harassment-free AAG Ad Hoc Committee.
 2018 Physical Geography as Environmental Science Theme Organizing Committee, 2019 Annual Meeting of the Association of American Geographers.
- 2017-pres. Association of American Geographers, Great Plains-Rocky Mountains Regional Councilor (elected to a 3-year term).
 2017 Hazards, Geography, and GIScience Theme Organizing Committee, 2018 Annual Meeting of the Association of American Geographers.
- 2010-pres. Editorial Board, *Risk, Hazards & Crisis in Public Policy*.
 2001-pres. Associate Editor, *Natural Hazards Review*.
 2016-2017 Mentor, The William Averette Anderson Fund.
 2012-2015 Member, Committee on College Geography and Careers, Association of American Geographers.
- 2014 Roundtable Organizer and Facilitator. "Roundtable: A Discussion on Risk Reduction from the Disaster Management Perspective", Society for Risk Analysis Annual Meeting, December 10, 2014.
- 2014 Panel Organizer and Moderator (co-organized with Lloyd Burton). "Fire and the Future of Colorado's Wildland-Urban Interface", Buechner Breakfast First Friday – April 4, 2014.
- 2014 Student Paper Competition Judge, Great Plains-Rocky Mountains Region Annual Meeting, Association of American Geographers, Albuquerque, NM, October 23-24, 2014.
- 2012-2016 Reviewer and Judge for the Gilbert F. White Award, Hazards Specialty Group Dissertation and Thesis Award (reviewed 2012, 2013, 2014, 2015).
- 2010-11 Chair, Great Plains-Rocky Mountains Region, Association of American Geographers.
 2010 Organizer, Site Visit for the 2010 ESRI Health GIS Conference, University of Colorado Denver. October 20, 2010.
- 2009 Elected vice-chair/chair of the Great Plains-Rocky Mountains Region, Association of American Geographers.
- 2009-2011 Chair, Hazards Specialty Group, Association of American Geographers
 2007-2010 Appointed Member, Steering Committee, Disaster Roundtable, National Academies of Sciences.
- 2006-2009 Affiliate Editor, *Children, Youth and Environments (CYE)*.
 2001-2008 Advisory Board Member, Hazards Specialty Group, Association of American Geographers.
- 2006 Co-organizer with Mark Egbert (CDPHE), Colorado Department of Public Health and Environment Site Visit, *2006 ESRI Health GIS Conference*, Denver, Colorado, October 26, 2006 (also co-authored 4 posters on display).
- 2001-02 Planning Committee, *Mountain Resort Planning and Development in an Era of Globalization Conference*, September 25-28, 2002, Steamboat Springs, Colorado.
- 1998-99 Member, Crime Mapping Resource Training Group, Center for Crime Mapping and Research, National Institute of Justice, 1998

College of Liberal Arts and Sciences & University

- 2016-2018 Member, International Risk Management Committee
 2015-2018 CRC Steering Committee (previously task force)
 2010-2018 Member, International Research Advisory Committee, Colorado Multiple Institutional Review Board
 2010-2018 Member, Department of Environmental & Occupational Health Curriculum Committee, CSPH
 2007-2018 Mentor, CU Denver Faculty Mentoring Program

- 2002-2018 Graduation Marshall at University of Colorado at Denver Commencement (spring & fall 2002, spring 2003, fall 2006, spring & fall 2007, spring & fall 2009, spring & fall 2010, spring & fall 2011, spring & fall 2012, spring & fall 2013; spring & fall 2014, spring & fall 2015, spring & fall 2016, spring & fall 2017).
- 2015-2017 Chancellor's Distinguished Lecture Committee
- 2009-2017 Member, Executive Committee for the CU Denver Center for Global Health
- 2017 Undergraduate Research Opportunity Program, Proposal Reviewer, spring.
- 2017 Math and Science Learning and Education Judge, Annual Research and Creative Activities Symposium (spring)
- 2012-2013 Member, CU Denver Mentoring Task Force
- 2012-2014 Member, Vice Chancellor's Advisory Committee for Promotion & Tenure
- 2011-2012 Member, CLAS Research Committee
- 2014 Research Collaborative (RC) Task Force (fall).
- 2014 Post Award Search Committee (spring).
- 2014 CLAS Dean's Search Committee (spring).
- 2013, 2016 Interviewer for the BA/BS-MD program, admissions process
- 2000-2013 CLAS Representative on the Faculty Advisory Committee for the Facility for Advanced Spatial Teaching (FAST) Lab. University of Colorado at Denver.
- 2011-2018. Scholarship Committee, Center for Global Health, Robinson Durst Scholarship.
- 2009-2012 CU Denver Fulbright Review Committee for Student Fulbright Applications, annual meeting in fall.
- 2008-2010 CLAS, Ethics Committee.
- 2007-2010 Member, President's Teaching and Learning Collaborative Steering Committee and coach, 2007-2010.
- 2008-2009 Development of the Geography Option in the Undergraduate Public Health Degree (with Peter Anthamatten)
- 2007-2009 Oversaw FAST move and coordinate space design with committee of faculty and staff (coordinated with Lynn Johnson, Brian Muller, Rafael Moreno, and Sue Hawkins)
- 2007-2009 CLAS Budget Priorities Committee.
- 2006-2009 Sustainability Signature Area and Geo-spatial Signature Area development, planning, and involvement (both college and university)
- 2007-2009 Member, Search Committee, Environmental Health Chair CSPH.
- 2008 Academic Program Review Committee for Political Science (spring)
- 2008 Member, College of A&P, Department of Urban Planning, Diversity Task Force. April/May.
- 2007-2008 Environmental Health Curriculum Committee of the Colorado School of Public Health.
- 2006-07 Member of the CLAS Web Committee
- 2006-07 Member, Search Committee, Health and Behavioral Sciences Program
- 2006 Co-chair, Search Committee, Science Education Position, School of Education.
- 2006 Participant, Academic Master Planning Meeting, November 17.
- 2005-06 Member of the Academic Master Planning Rewards Committee
- 2004-05 Development of interdisciplinary Emergency Management Certificate in conjunction with GSPA.
- 2005 Participant in the accreditation visit for the School of Education, December.
- 2004 Search Committee Participant for University Strategic Planning Process, fall.
- 2003-04 Member of the Environmental Health Subcommittee for the Creation of the Colorado School of Public Health.
- 2003 Search Committee, Health and Behavioral Sciences Faculty Position, fall.

- 2001-02 Member of the CLAS Statistical Task Force, University of Colorado at Denver, 2001-2002.
- 2000 Member of the Science Computer Laboratory Committee, University of Colorado at Denver, fall.

Community

- 2016 Member, FEMA's National Risk Index – Hazard Working Group.
- 2015-2016 Member, Health & Social Sector Resiliency Working Group, State of Colorado
- 2012-2017 Board Member, Global Health Initiatives Council (Board) at Centura Health.
- 2015 Colorado Geography Bee, Host and Co-Coordinator, University of Colorado Denver, March 27, 2015
- 2002-2014 Organizer, Colorado Health GIS User Group (with Mark Egbert until 2014 and then Devon Williford at the Colorado Department of Public Health and Environment).
- 2002-2014 Colorado Geography Bee Judge, University of Denver (April 4, 2014; April 5, 2013; April 2012; March 30, 2007; March 31, 2006; April 4, 2003; and April 5, 2002).
- 2013 City and County of Denver, Office of Emergency Management, Hazard Mitigation Plan Development Stakeholder Meetings.
- 2010 Committee Member, Invited, Colorado Division of Emergency Management, 2010 State of Colorado Natural Hazards Mitigation Plan Update.
- 2006 GPS/GIS at the Odyssey School, Stapleton, Denver, May 22-23, 2006.
- 2006 Committee Member, Invited, Colorado Division of Emergency Management, 2006 State of Colorado Natural Hazards Mitigation Plan Update.
- 2001-2004 Member, Biased Policing/Data Analysis Committee, Denver Police Department, Denver, Colorado.
- 2001 Session Moderator, "Breaking the Cycle of Violence," Black on Black Crime, Prevention of Violence, Gangs, Guns and Illegal Drugs, April 23, 2001, Denver, Colorado.
- 2001 Member, Planning Committee, Black on Black Crime, Prevention of Violence, Gangs, Guns and Illegal Drugs, April 22-24, 2001, Denver, Colorado.

Journal Reviews: Disasters (2014, 2015, 2017); Journal of Biosecurity and Bioterrorism (2013); Applied Geography (2004, 2006, 2009); Cartography & GIS (2008); Children, Youth and Environment (2007, 2006); Earthscan – book (2008); Europe Planning Review (2002); GeoJournal (2007); International Journal of Emergency Management (2009); Journal of Geography (2002, 2010, 2016); chapter review in Learning from Catastrophe: Quick Response Research in the Wake of Hurricane Katrina (2006); Natural Hazards (2006); Urban Geography (2008); Wiley – book review (2009); Annals of the AAG (2000, 2004); Health & Place (2006); Environmental Hazards (2012, 2013); High Altitude Medicine (2012); Resources (2014); Risk, Hazards, and Crisis in Public Policy (2011, 2014, 2014, 2016, 2017), Social Science Quarterly (2003, 2008), GeoForum (2003), Public Health Reports (2016), National Academy of Sciences (2016), Weather, Climate, and Society (2017), BMC Public Health (2017), J Am Public Health (2018), Social Ecological Practices (2018), Journal of Medical Internet Research (2018)

Proposal Reviews/Review Panels: NSF (2007, 2008, 2008, 2009, 2009, 2010, 2012, 2013, 2014, 2016, 2017, 2018); ATSDR (2005); State Department (2011, 2012); CDC (2008); Indo-US Science & Technology Forum (2012); Ford Foundation (2013, 2014, 2015, 2016, 2017, 2018, 2019); USAID-NSF (2012, 2013, 2014); NIH (2018); The Swedish Research Council (2019)

PROFESSIONAL ORGANIZATIONS

Association of American Geographers
 Hazards Specialty Group
 Geographic Information Systems Specialty Group

Medical Geography Specialty Group
Council on Undergraduate Research
American Public Health Association
Environmental Health Section
International Health Section
Gamma Theta Upsilon (Geography Honor Society)
Phi Beta Kappa Honor Society