

**PHIL KLEIN**

**CURRENT POSITION**      Professor  
 Department of Geography, GIS, and Sustainability (DoGGS)  
 College of Humanities and Social Sciences  
 University of Northern Colorado  
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**EDUCATION**

<i>Year</i>	<i>Degree</i>	<i>Institution</i>	<i>Area of Study</i>
1993	Ph.D.	University of Colorado, Boulder	Geography
1987	M.A.	University of California, Los Angeles	Geography
1976	B.A.	University of California, Santa Cruz	Environmental Planning

**EXPERIENCE***Academic Positions*

<i>Year(s)</i>	<i>Institution/Organization</i>	<i>Position</i>	<i>Responsibilities</i>
2015–	University of Northern Colorado, Greeley	Professor, DoGGS	Teaching, service, research
2008–15	University of Northern Colorado, Greeley	Professor and Chair, Dept of Geog & GIS	Teaching, service, research, admin
2003–08	University of Northern Colorado, Greeley	Associate Professor of Geography	Teaching, service, research
2001–03	University of Northern Colorado, Greeley	Assistant Professor of Geography	Teaching, service, research
1997–01	University of Northern Colorado, Greeley	Assistant Professor of Geog & Social Science	Teaching, service, research
1997	Upward Bound Program, Univ. of Colo., Boulder	Geography Instructor	Teaching (secondary)
1996–97	Comm. Coll. of Aurora	Adjunct Geog Instructor	Teaching
1994–95	Central Michigan Univ, Mount Pleasant	Visiting Asst Prof of Geography	Teaching, service
1989–91	CU Continuing Education	Geog Instructor	Teaching
1987–89	CU Dept of Geography	Grad Instructor	Teaching

1986	UCLA Office of Instructional Development	TA Consultant	Teaching, advising new TAs
1984-87	UCLA Dept of Geography	Teaching Associate	Lab instructor
<b>Research Appointments</b>			
<i>Year(s)</i>	<i>Institution/Organization</i>	<i>Position</i>	<i>Responsibilities</i>
2007-13	Association of American Geographers	Co-PI, Co-director	Center for Global Geography Education
2005-08	Colorado Geographic Alliance	Co-coordinator	Administration, program planning
2003-05	Association of American Geographers	External Evaluator, CGGE project	Design & lead internat'l evaluation of materials
1994-95	Michigan Geographic Alliance	Asst. Project Director	Planning, materials design, outreach
1990-94	Center for Geography Education, Univ. of Colo.	Grad Research Assistant	Research, materials design, evaluation
<b>Professional Consulting</b>			
<i>Year(s)</i>	<i>Institution/Organization</i>	<i>Position</i>	<i>Responsibilities</i>
2010-18	Pearson Education Publishing, San Francisco	Geography Consultant	Developer and advisor for online materials
2006	Boulder Valley School District, Boulder, CO	Geography Consultant	Lead geog. content workshops for teachers
2003-05	TCI, Palo Alto, CA	Consultant	Content of geog books
1999-05	Jefferson County School District, Golden, CO	Geography Consultant	Review dist. assessmts; lead teacher workshops
2003	Publications International Ltd., Lincolnwood, IL	Content Adviser	Outline, fact-check, edit children's atlas
2003	ETS, Princeton, NJ	Test Reviewer	Social Studies PRAXIS
1999-00	National Evaluation Systems, Amherst, MA	Assessment Consultant	Review PLACE exam objectives
1999	ETS, Princeton, NJ	Test Item Writer	Geography NAEP
1998	St. Vrain Valley School District, Longmont, CO	Geography Consultant	Evaluate social studies curriculum
1997	Publications Int'l (IL)	Content Adviser	Edit geog trade book

1996-97	Encyclopaedia Britannica Educational Corp., Chicago	Geog. Education Consultant	Consulting, outreach
1996-97	Explore Technologies, Inc., Santa Clara, CA	Geog. Education Consultant	Consulting, materials design

## AREAS OF SPECIALIZATION

1. Geography education (materials design and assessment; professional development)
2. Cultural geography (society-nature relations; place identity)
3. Regional specialties: Europe, U.S. West

## RESEARCH INTERESTS

Affective outcomes of geography education; teaching geographic concepts and skills to K-12 and undergraduate students through issues-based inquiry learning; professional development strategies for elementary and secondary geography education

## GRANTS RECEIVED

2020-22. *GeoCivics Educators Institute* (3-day teacher workshop), funded by UNC Hewit Institute for History and Social Science Education, \$30,873

2019. *Course Enhancement Grant*, funded by Boston University's African Studies Center to support revision of GEOG 320 to increase coverage of Africa-focused materials, \$2,000

2016-19. *Colorado's Geography: Mapping Our Past – Phase II Update*. Co-PI with D. M. Diggs; funded by UNC Hewit Institute for History and Social Science Education, 2016-19, \$10,308

2014. *Esri T3G Institute* (Teachers Teaching Teachers GIS), Redlands, Calif.; attendance and materials funded by Provost's RDFD Grant, \$2,347

2007-11. *Developing an Online Center for Global Geography Education (Phase 2)*. Co-PI with M. N. Solem (AAG) and O. A. Muñiz (Texas State); funded by National Science Foundation's Course, Curriculum, and Lab Improvement program, \$495,481

2005-08. *Colorado Geographic Alliance: Rebuilding the Statewide Network*. Co-PI with J. M. Dunn; funded by National Geographic Society's Colorado Geography Education Fund, \$327,813

2003-04. *Map Resources for the Historical Geography of Colorado*. Co-PI with D. M. Diggs; creation of online mapping activities for elementary grades; funded by National Geographic Society's Colorado Geog Education Fund, \$26,929 + \$10,425 match Hewit Inst

2002-03. *Online Historical Geography Resources for Elementary Social Studies*. Co-PI with J. R. Giese; funded by National Geographic Society's Colorado Geography Education Fund to plan historical mapping project, \$3,500

2001. *Survey of Colorado Social Studies Coordinators: Status of K-12 Geography Education*; survey of standards adoption, funded by Hewit Institute, \$471

1999. *Develop a Team-Taught Course in Pedagogical Content Knowledge for Secondary-Emphasis Majors in Geography*; original course design funded by UNC Foundation, \$500

## PUBLICATIONS

### *Juried*

2021. D. Alderman, R. Narro Perez, L. Eaves, **P. Klein**, and S. Muñoz. Reflections on operationalizing an anti-racism pedagogy: teaching as regional storytelling. *Journal of Geography in Higher Education*, 45(2), 186-200. DOI: 10.1080/03098265.2019.1661367
2019. **P. Klein**, K. Barton, J. Salo, J. Lee, and T. Vowles. Conveying geographic concepts through issues-based inquiry. In *Handbook of Teaching and Learning in Geography*, eds. H. Walkington, J. Hill, and S. Dyer. Cheltenham, UK: Edward Elgar, pp. 211-226.
2017. S. Noor, M. Fatima, and **P. Klein**. Geography education in informal settings and for public, community and civic engagement, in the *International Encyclopedia of Geography: People, the Earth, Environment, and Technology*, editor-in-chief D. Richardson, American Association of Geographers, John Wiley and Sons, volume VI: 2688-2697.
2014. **P. Klein**, E. Pawson, M. Solem and W. Ray. Geography education for 'an attainable global perspective.' *Journal of Geography in Higher Education*, 38(1), 17-27.
2013. **P. Klein**. Using the Center for Global Geography Education Project in the AP Human Geography curriculum. *The Geography Teacher*, 10(2): 53-59.
2012. W. Ray, O. Muñoz-Solari, **P. Klein** and M. Solem. Effective online practices for international learning collaborations. *Review of International Geographical Education Online (RIGEO)*, 2(1): 25-44.
2011. **P. Klein**, M. Fatima, L. McEwen, S. Moser, D. Schmidt and S. Zupan. Dismantling the ivory tower: Engaging geographers in university-community partnerships. *Journal of Geography in Higher Education*, 35(3): 425-444.
2010. M. Solem, **P. Klein**, O. Muñoz-Solari and W. Ray, eds. (new material added 2012). *AAG Center for Global Geography Education*. Project overview at [www.aag.org/cgge](http://www.aag.org/cgge).
2010. M. Keane, **P. Klein** and A. Luna García. "National Identity" conceptual framework: How are people's identities connected to places? In M. Solem, P. Klein, O. Muñoz-Solari and W. Ray, eds., *AAG Center for Global Geography Education*. [Published online; content currently unavailable as updated materials are transferred to unco.edu.]
2010. **P. Klein**. "National Identity" case study: Why are public spaces sometimes contested? In M. Solem, P. Klein, O. Muñoz-Solari and W. Ray, eds., *AAG Center for Global Geography Education*. [Published online; content currently unavailable as updated materials are transferred to unco.edu.]
2009. A. Luna, M. Keane and **P. Klein**. Re-imagining national identity in a changing Europe. In *Thinking European(s): New Geographies of Place, Cultures, and Identities*, eds.

- M. Keane and M. Villanueva. Cambridge UK: Cambridge Scholars Publishing, pp. 188-226.
2009. **P. Klein**, O. Muñiz, W. Ray and M. Solem. Center for Global Geography Education: Designing materials for enhancing spatial thinking about global issues. Geographic Education Society of Japan: *The New Geography*, 57: 101-103.
2008. **P. Klein** and M. Solem. Evaluating the impact of international collaboration on geography learning. *Journal of Geography in Higher Education*, 32(2): 245-267.  
{Published simultaneously in translation in Spain: "Evaluación del impacto de la colaboración internacional sobre el aprendizaje de la geografía." *Enseñanza de las Ciencias Sociales*, 7: 3-21.}
2008. D. Higgitt, K. Donert, M. Healey, **P. Klein**, M. Solem and S. Vajoczki. Developing and enhancing international collaborative learning. *Journal of Geography in Higher Education*, 32(1): 121-133.
2008. W. Boyd, R. Healey, S. Hardwick, M. Haigh, **P. Klein**, B. Doran, J. Trafford and J. Bradbeer. 'None of us sets out to hurt people': The ethical geographer and geography curricula in higher education. *Journal of Geography in Higher Education*, 32(1): 37-50.
2006. **P. Klein** and M. Solem. Strategies for teaching geography through international collaborations. In *Changes in Geographical Education: Past, Present and Future*, eds. K. Purnell, J. Lidstone, and S. Hodgson. Brisbane, Australia: IGU Commission on Geographical Education, pp. 259-263.
2005. L. M. DeChano, M. Bockenbauer, J. Caito, L. Hruska, **P. Klein** and A. Newton. Professional development and student achievement in geography: A research agenda. *Research in Geographic Education*, 7(1): 74-86.
2003. **P. Klein**. Active learning strategies and assessment in world geography classes. *Journal of Geography* 102(4): 146-157.
2002. **P. Klein** and J. J. Kerski. Geography in the K-12 curriculum in Colorado: Results of a survey of social studies coordinators, 2001-02. *Research in Geographic Education*, 4(2): 78-99.
2000. **P. Klein** and F. Fischer. The implications of new research and scholarship in history and geography for undergraduate and teacher education. In *Social Science on the Frontier: New Horizons in History and Geography*, eds. S. W. Bednarz and R. S. Bednarz. Boulder, CO: Social Science Education Consortium, pp. 67-86.
1997. **P. Klein**. Geography in the curriculum: Unanswered questions. In *The First Assessment: Research in Geographic Education*, eds. R. G. Boehm and J. F. Petersen. San Marcos, TX: Grosvenor Center for Geographic Education, pp. 181-190.
1995. **P. Klein**. Using inquiry to enhance the learning and appreciation of geography. *Journal of Geography* 94(2): 358-367.

1994. A. D. Hill, R. W. Richburg and **P. Klein**. The national school trials of the Geographic Inquiry into Global Issues modules. In *Europe and the World in Geography Education*, ed. H. Haubrich. Nürnberg, Germany: IGU Commission on Geographical Education
1993. **P. Klein**. Expressions of interest in environmental issues by U.S. secondary geography students. *International Research in Geographical and Environmental Education* 2(2): 108–112.

### ***Non-Juried***

2008. **P. Klein** and D. Palmer. The Introductory Reader in Human Geography (book review). *Journal of Geography* 107(4-5): 202-203.
2008. Diggs, D. M., **P. Klein**, and A. Lopez. *Learning About Soils, Biomes, and Climates* [set of internet-mapping activities; removed from web in 2013 due to old mapping platform].
2006. **P. Klein** and J. Dunn. What makes a good geography class? *Denver Post*, Perspective section (op-ed article), March 28.
2005. M. Solem and **P. Klein**. Online global geography modules enhance undergraduate learning. *AAG Newsletter*, 40(8): 11.
2005. **P. Klein**. Summative Evaluation for Online Center for Global Geography Education, report to National Science Foundation: External Evaluation of grant number DUE-0231411 in Course, Curriculum, and Lab Improvement program.
2004. Diggs, D. M. and **P. Klein**. *Colorado's Geography: Mapping Our Past* [set of internet-mapping activities]. Available at: <http://www.unco.edu/hewit/>.
2004. Sharp, K. J. [**P. Klein**, consultant]. *My First Atlas*. Lincolnwood, IL: Publications International [trade reference book for grades K-3].
1997. S. Bloom and M. Ronzani [**P. Klein**, consultant]. *Geography: Handy Homework Helper*. Lincolnwood, IL: Publications Int'l [trade reference book for grades 4-6].
1997. **P. Klein**. "Greening the College Curriculum" (book review). *Journal of Geography* 96(2): 127–128.
1995. A. D. Hill, J. M. Dunn and **P. Klein**. *Geographic Inquiry into Global Issues* (20 instructional units). Chicago: Encyclopaedia Britannia Educational Corp.
1992. A. D. Hill, B. Dorsey, J. M. Dunn and **P. Klein**. Geographic Inquiry into Global Issues project: Rationale, development, and evaluation. In *International Perspectives on Geographic Education*, ed. A. D. Hill. Boulder: Center for Geography Education.
1991. A. D. Hill and **P. Klein**. *Spaceship Earth: Flight Instructor's Log Book* (teacher guide). Columbia: South Carolina Educational Television.

**CONFERENCE PRESENTATIONS***Juried/Invited*

2015. "Perceptions of Colorado Geography Teachers about the Capabilities Approach," Association of American Geographers Annual Meeting, Chicago.
2014. "Using the CGGE project in A-level/IB geography courses," Geographical Association Annual Meeting, Guildford, Surrey, UK.
2006. "Strategies for teaching geography through international collaborations" (with M. Solem), IGU Commission on Geographical Education Symposium, Brisbane, Australia
2003. "Status of Geography in K-12 Curricula in Colorado," Geo-Nexus Symposium: Research in Geographic and Environmental Education, San Marcos, Tex.
2001. "General Education: Implementing a Course-Embedded Assessment Model" (with S. Flake, E. Golson, and V. Downey), AAHE Assessment Conference, Denver.
1996. "Creating a Model of a Quality Inquiry Learning Experience," IGU Commission on Geographical Education Symposium, The Hague, Netherlands.
1992. "Affective Outcomes for Environmental Issues-Based Instructional Materials," IGU Commission on Geographical Education Symposium, Boulder, Colo.

*Non-Juried*

2018. "Teaching Geographic Concepts through Issues-based Inquiry," National Council for Geographic Education, Québec City, Canada.
2012. "Using MapMaster to Teach Spatial Patterns and Relationships" (workshop), National Council for Geographic Education, San Marcos, Tex.
2012. "Promoting Global Perspectives Through Geography Education" (workshop), National Council for Geographic Education, San Marcos, Tex.
2011. "Program Building for Current and Future Geography Chairs" (panel discussant), AAG-Great Plains/Rocky Mountain Region Meeting, Denver, Colo.
2011. "The AAG Center for Global Geography Education" (workshop), National Council for Geographic Education, Portland, Ore.
2011. "Geography and Liberal Education: Intersecting Points on a Map" (panel discussant), Association of American Geographers, Seattle, Wash.
2010. "The AAG Center for Global Geography Education" (workshop), National Council for Geographic Education, Savannah, Ga.
2009. "The AAG Center for Global Geography Education" (organizer and presenter of 3 workshop strand), National Council for Geographic Education, San Juan, P.R.
2009. "Overview of CGGE *National Identity* Module" (with M. Keane and A. Luna), Association of American Geographers, Las Vegas, Nev.

2009. "Spatial Thinking for Preschool and Elementary Curricula" (panel presentation – organizer and chair), Association of American Geographers, Las Vegas.
2008. "The AAG Center for Global Geography Education – Application for AP Human Geography (workshop), National Council for Geographic Education, Dearborn, Mich.
2008. "Perspectives of Undergraduates in the U.S. and Europe" (with M. Keane and A. Luna), Association of American Geographers, Boston, Mass.
2008. "Teaching 'the Impossible Course': Taking on the Challenges of World Regional Geography" (panel presentation), Association of American Geographers, Boston.
2007. "Evaluating the Impact of Professional Development: (workshop with J. M. Dunn), National Council for Geographic Education, Oklahoma City, Okla.
2007. "Atlas Activities for Teaching World Geography" (workshop), AAG Great Plains-Rocky Mountain Division, Denver, Colo.
2007. "Developing and Enhancing International Collaborative Learning," twice - at Association of American Geographers, San Francisco and at Geography in the Americas conference, La Serena, Chile.
2006. "Research in Geographic Education: Professional Development" and "Task Force on Geography and Literacy" (panel discussions), National Council for Geographic Education, Lake Tahoe, Nev.
2006. Participant in panels and workshops of the International Network of Geography Learning and Teaching (INLT), Brisbane, Australia.
2006. "Teaching Geography Through International Collaborations: What Works?" Association of American Geographers, Chicago, Ill.
2005. "The Continental Divide: An Internet-Mapping Activity" (workshop), National Council for Geographic Education, Birmingham, Ala.
2005. "Colorado's Geography: Mapping Our Past" (poster presentation with D. Diggs), Association of American Geographers, Denver, Colo.
2004. "Effectiveness of GIS Activities for Teaching Historical Geography," National Council for Geographic Education, Kansas City, Mo.
2002. "Atlas Warm-up Activities for Teaching World Regional Geography" (workshop), National Council for Geographic Education, Philadelphia.
2001. Participant in week-long workshop to promote U.S.-EU collaborative research in geographic education, Social Science Education Consortium meeting, Oxford, UK.
2001. "The Course-Embedded Assessment Model for General Education at UNC," Grosvenor Center Int'l Symposium on Geography Education, San Marcos, Tex.
2001. "Implementation of Standards-Based Assessments in Jefferson County, Colorado" (illustrated paper), Association of American Geographers, New York.



1999. "Approaches to Teaching World Regional Geography – II" (workshop chair/organizer), National Council for Geographic Education, Boston.
1999. "Design of a New Geography Course in Pedagogical Content Knowledge" (with R. Gindele), National Council for Geographic Education, Boston.
1998. "Approaches to Teaching Introductory World Regional Geography" (workshop chair/organizer), National Council for Geographic Education, Indianapolis.
1997. "Using Geographic Issues to Present Multicultural Perspectives" (workshop chair/organizer), National Council for Geographic Education, Orlando.
1997. "Geography in the Curriculum" (discussant), Grosvenor Center Symposium on Geography Education: First Assessment Conference, San Marcos, Tex.
1996. "Assessment Issues in Inquiry Teaching," Association of American Geographers, Charlotte.
1995. "Using Inquiry to Enhance the Learning and Appreciation of Geography," National Council for Geographic Education, San Antonio.
1994. "Qualities of the Inquiry Classroom," National Council for Geographic Education, Lexington, Ky.
1994. "Engaging Both the Heart and the Mind: Making Geographic Inquiry Work," Association of American Geographers, San Francisco.
1993. "Assessment of Secondary Students' Expressions of Interest in Environmental Issues," Association of American Geographers, Atlanta.

#### **INTERNATIONAL WORKSHOPS FOR UNIVERSITY FACULTY (DIRECTED)**

2012. "Internationalizing Geography Education: A focus on Japan" – (CGGE Workshop) September: Tokyo, Japan
2012. "Internationalizing Geography Education: A focus on India and South Asia" – (CGGE Workshop) March: Bangalore, India
2011. "No Passports Required: International Collaborative Teaching and Learning" – April: Seattle, Wash. (AAG Annual Meeting)
2010. "Expanding U.S.-Asia Collaborations in Geography Education" – (CGGE Workshop) March: Singapore
2010. "No Passports Required: International Collaborative Teaching and Learning" – April: Washington DC (AAG Annual Meeting)
2009. "No Passports Required: International Collaborative Teaching and Learning" – Las Vegas (AAG Annual Meeting) and San Marcos, Texas (Geo-Summit Int'l Geography Education Conference)

2008. "No Passports Required: International Collaborative Teaching and Learning" – Boston (AAG Annual Meeting) and Tunis (IGU Congress)
2008. Writer's workshop for CGGE module development: Liverpool (HERODOT European Geography Network Conference)
2007. "Expanding Geography Education Networks in the Americas" – (CGGE Workshop) Pisco Elqui, Chile

### **WORKSHOPS FOR K-12 TEACHERS (since 1997)**

2022. "GeoCivics: The Politics and Geographies of America's Electoral System," co-director with R. Theobald, C. Elnicki, G. Williams, Univ. of Colorado, Colorado Springs
2018. "Introduction to ArcGIS.com" (workshop), Esri-designed workshop sponsored by History Colorado Center, Fort Morgan (with R. Theobald)
2017. "Using Colorado's Geography: Mapping Colorado's Past" (workshop), Colorado Geographic Alliance, Colorado Springs (with D. M. Diggs)
2015. "Introducing ArcGIS Online to Improve Spatial Thinking Skills of Future Teachers" (workshop), National Council for Geographic Education, Washington, DC
2014. "Teaching Collaborations in AP Human Geography and Beyond" – webinar delivered for NCGE, September 24
2008. "Aspects of Spatial Thinking" – workshop for elementary teachers in Boulder and the North Metro area, sponsored by CU's Council on Teaching East Asia
- 2007-08. "Geography of Japan" – three workshops for secondary teachers in Boulder and the North Metro area, sponsored by CU's Council on Teaching East Asia
- 2006-07. "Geography's Big Ideas" – three workshops for secondary teachers in Denver and Boulder Valley School Districts on geography content and teaching strategies
- 2001-04, 2007-08. Advanced Placement Institute: Human Geography, University of Northern Colorado, Greeley (director and co-leader for 6 week-long workshops)
- 2005-06. "Regional Geography: Concepts, Issues, and Case Studies" – week-long graduate-credit course for Jefferson County School District secondary teachers
- 2004-05. Presentation to elementary- and middle-school teachers on geography content of "Five States of Colorado" video, Colorado Endowment for the Humanities
2004. Four day-long workshops for fifth- and sixth-grade teachers in Jefferson County School District on geography content and assessment design
2003. Presentation to elementary teachers on geography content standards, Colorado Academy, Denver (private school)
- 2002-03. Content Preparation for Middle School Teachers on District Geography Assessments (four workshops), Jefferson County School District, Golden, Colo.

2000, 2002. Workshop: Asking Geographic Questions, Colorado Geographic Alliance Summer Institute on Geography and Literacy, Estes Park (given in two years)

2001–02. Implementing the High School Geography Performance-Based Assessments (four workshops), Jefferson County School District, Golden, Colo.

1998. Content Presentation: Soil Fertility, Colorado Geographic Alliance Institute, Greeley

### **PROFESSIONAL DEVELOPMENT WORKSHOPS (ATTENDED)**

2021. Recycle Colorado Summit, virtual attendance

2019. Population Connection: Colorado Educators' Leadership Institute, Aurora, Colo.

2018. Int'l Network for Learning & Teaching Geography in Higher Ed, Québec, Canada

2017. Transformative Research in Geographic Education, AAG, Boston, Mass.

2014. T3G Institute (Teachers Teaching Teachers GIS), Esri, Redlands, Calif.

2013. Geo-Capabilities Workshop, European Association of Geographers, Bruges, Belgium

2010. Int'l Network for Learning & Teaching Geography in Higher Ed, Washington, DC

2006. Int'l Network for Learning & Teaching Geography in Higher Ed, Brisbane, Australia

### **PROFESSIONAL ASSOCIATION MEMBERSHIP**

2018–19 Canadian Association of Geographers

2018–21 Colorado Council for the Social Studies

2014–16 Geographical Association (UK)

2006– Int'l Network of Learning & Teaching Geog. in Higher Education (INLT)

1992– American Association of Geographers (AAG)

1992– National Council for Geographic Education (NCGE)

1990–18 Colorado Geographic Alliance (COGA)

1999–04 Social Science Education Consortium

1994–96 Michigan Geographic Alliance

### **SERVICE TO UNIVERSITY AND COLLEGE**

2020– HSS Representative, Undergraduate Council (vice-chair 2022–23)

2019–20 Participation in LAC Learning Community

2015–21 Liberal Arts Core Council, Area 5 Committee member

2015–16 Program Evaluation Committee, Africana Studies Program

2015 Banner bearer for HSS at Undergraduate Commencement

2014–19 Steering Committee (chair), Hewitt Inst for History & Soc Sci Education

2012–16 Faculty review committee for social science areas foundation scholarships

2012 Review Committee, Center for Engaged Research and Civic Action (co-chair)

2012 Selection Committee, Social Science Engaged Research Award

2010–15 College Leadership Council, College of Humanities and Social Sciences

2010–13 Faculty Advisory Board, Honors, Scholarship and Leadership Program

2010–11 Search Committee, Asst. Director of Faculty Development, CETL

2009–12 HSS Budget and Planning Committee

2008 Faculty participant on CDE's gtPathways program course review

2007-09 NCATE report writer for Geography-Secondary Teaching emphasis  
 2006-09 Faculty Welfare Committee, UNC Faculty Senate  
 2006-09 Faculty Senator, College of Humanities and Social Science  
 2004 Participation in *Cluster Learning Community*  
 2003-04 Chair, University General Education Council  
 2003-04 Academic Policies Committee, Faculty Senate  
 2001-06 Environmental Studies Program Advisory Committee  
 2001-06 Interdisciplinary Studies-Liberal Arts (IDLA) Program Council  
 2001 Teacher Education Working Committee, Faculty-to-Faculty Conference  
 2001 Participation in *Cumbres Learning Community*  
 2001 Social Science Program: Faculty search and screen committee  
 2000-02 Leader, Gen Ed Council workshops, Course Embedded Assessment  
 1999-07 Participation in *Class Act Learning Community*  
 1999-04 Chair, Social Sciences Area Committee, General Education Council  
 1999-00 University Task Force on Elementary Education Preparation  
 1998-01 Department Evaluation Committee, Social Science Program  
 1998- Member, Teacher Education Faculty (renewed 2003, 2008, 2014, 2019)  
 1997- Member, Graduate Faculty (renewed 2003, 2008, 2013, 2019)

## DEPARTMENT SERVICE

2022 DoGGS faculty search and screen committee (*ENST position*)  
 2016-17 Chair, Search and Screen Committee (*two GIS Assistant Professor positions*)  
 2015- Member, Department Evaluation Committee (chair, 2019-2022)  
 2015-16 Departmental Liaison to Honors Program  
 2010-15 Chair, Department of Geography & GIS  
 2008-09 Coordinator, Geography Program, School of Social Sciences  
 2007-17 Advising for incoming students (at periodic NSOs)  
 2007-19 Geography liaison, Secondary Teaching Postbac Licensure program  
 2006-07 Chair, Search and Screen Committee (*PhD Lecturer in Geography*)  
 2001-03 Faculty Advisor, Powell Geography Club (undergraduate students)  
 2002 Geography faculty search and screen committee (*Planning*)  
 2001 Geography faculty search and screen committees (*GIS and Geog Ed*)  
 2000- Coordinator for Geography elementary and secondary teaching programs  
 1998-10 Geography Department/Program Evaluation Committee  
 1997-03 Social Science Program Advisory Board (Geography representative)  
 1998 Geography faculty search and screen committee (*Econ Geog*)

## PROFESSIONAL SERVICE

2019 Editorial Board, AAG "Denver & Rocky Mountain West" (conference book)  
 2019 External reviewer (faculty tenure decision), University of Michigan-Dearborn  
 2016 Judge, Student Paper Competition AAG-GPRM Regional Meeting, Colo. Spgs.  
 2015- Manuscript reviewer, *The Geography Teacher*  
 2015 Manuscript reviewer, The Guilford Press

- 2012 Textbook reviewer, Oxford University Press
- 2011–15 Editorial Board, *Review of International Geographical Education Online*
- 2011– Manuscript reviewer, *Journal of Geography in Higher Education*
- 2011– Manuscript reviewer, *Journal of Geography*
- 2011 Chapter reviewer, *Practicing Geography* book (AAG)
- 2011 Chapter reviewer, Int'l Geography Education Series (Grosvenor Center)
- 2010–12 Member, Publications and Products Committee, NCGE
- 2010 Book manuscript reviewer, The Guilford Press
- 2009–12 Member, AAG Committee on College Geography and Careers
- 2008– Editorial Board and manuscript reviewer, *Research in Geographic Education*
- 2008–09 NCGE Task Force on Spatial Thinking in K-3 Curricula
- 2008 Manuscript reviewer, International Studies Association Compendium Project
- 2007–09 College-University Member, Curriculum & Instruction Committee, NCGE
- 2007 Organizer, conference strand on Geography and Math, NCGE
- 2006–07 Steering Committee, “Teacher’s Guide to Modern Geography” project, AAG
- 2006–08 NCGE Task Force on Geography and Literacy
- 2006–08 Manuscript reviewer, *Research in Geographic Education*
- 2004–06 NCGE *Journal of Geography* Awards Task Force (chair in 2006)
- 2005 NCGE Nominations Task Force
- 1999–01 Advisory Committee, “ARGWorld” material project, AAG
- 1993–95 Board of Directors, Geography Education Specialty Group, AAG

## COMMUNITY SERVICE

- 2019– Member, Town of Berthoud Parks, Open Space, Recreation & Trails Committee (chair 2021-22)
- 2016 Esri/ AAG “Geo-Mentor” for ArcGIS.com for local K-12 teachers
- 2014 Public lecture, Fort Collins Museum of Discovery (*Night with a Geographer*)
- 2014 Parent volunteer, Turner Middle School, Berthoud, Colo. (*Geography Bee*)
- 2006 Public lecture, Academy of Lifelong Learning, Denver
- 2005–11 Parent volunteer, Ivy Stockwell Elementary School, Berthoud, Colo.
- 2003–06 Parent volunteer, Little ‘t’ Preschool, Berthoud, Colo.
- 2002 Volunteer, Berthoud Public Library
- 1998 Committee member, UNC Model United Nations

## UNC COURSES TAUGHT

- GEOG 100 World Geography (at Greeley, for Urban Ed program in Denver, and online)
- GEOG 200 Human Geography (at Greeley and online)
- GEOG 224 Exploring Colorado
- GEOG 315 Resource Management
- GEOG 320 Population Geography
- GEOG 325 Environmental Geography
- GEOG 340 Geography of Europe
- GEOG 390 Applying Spatial Thinking (*developed original course*)

GEOG 410 Teaching Geography in the Secondary Curriculum  
 GEOG 411 Geography Concepts and Issues (*developed original course*)  
 GEOG 422 Directed Studies (*ITR thesis advisor; geography independent studies*)  
 GEOG 495 Senior Seminar  
 GEOG 509 Advanced Placement Institute in Human Geography (*developed grad class*)  
 GEOG 513 Professional Renewal: Strategies for Teaching Geography (*several courses*)  
 GEOG 525 Topics in Regional Geography (*graduate class for teachers*)  
 ENST 100 Introduction to Environmental Studies  
 SOSOC 300 Social Science and Historical Perspectives (*co-developed original course*)  
 SOSOC 470 Theory and Research in Social Science  
 STEP 161/262/363 Joint Seminar: Secondary Observation and Analysis

### **GEOGRAPHY STUDENT TEACHERS SUPERVISED (STEP 464)**

2022 Mariah Ehlers, Brentwood Middle School, Greeley  
 2018 Jacob Morris, Broomfield Heights Middle School  
 2017 Nathan Busch, Weld Central High School, Keenesburg (*postbac licensure*)  
 2017 Calvin Henley, Northridge High School, Greeley  
 2013 Kate Werner, John Evans Middle School, Greeley  
 2012 Ray Tilley, Severance Middle School  
 2009 William McFadden, Evergreen High School (*postbac licensure*)  
 2009 Damian Irizarry, Heath Middle School, Greeley  
 2007 Nathan Montgomery, Horizon High School, Thornton  
 2007 Nathan Johnson, Platte Valley High School, Kersey  
 2006 Kate Kent, Smoky Hill High School, Aurora  
 2005 Emily Thomas, Dakota Ridge High School, Littleton  
 2004 Lisa Donkin, Centaurus High School, Lafayette  
 2004 Jared Welch, Greeley Central High School  
 2002 Lesa Kolm, Centaurus High School, Lafayette  
 2001 Jayson Evaniuck, East High School, Denver  
 1999 Hollie (Hager) King, Eaglecrest High School, Centennial  
 1999 Cameron Meyer, Eaton High School

### **GRADUATE STUDENT COMMITTEES**

2018-20 Matthew Clay, EdD, Educational Studies, University of Northern Colorado  
 2013-16 Forrest Bowlick, PhD, Geography, Texas A&M University  
 2010-12 Waverly Ray, PhD, Geography, Texas State University

### **HONORS AND AWARDS**

2014 Sabbatical leave, Spring 2014, research in UK  
 2009 Excellence in Scholarship, College of Humanities and Social Sciences, UNC  
 2006 AAG Travel Grant for IGU Congress, Brisbane, Australia  
 2005 Sabbatical leave, Spring 2005, research in Catalonia and Northern Ireland  
 2003 NCGE Award for Best Article for Teaching at the College/University Level

- 2001 Teaching Excellence Award, College of Arts and Sciences, UNC
- 1996 National Research Council Travel Grant for IGU Congress, Amsterdam
- 1995 Dissertation Award, National Council for Geographic Education
- 1987-89 Geography Department Fellowship, University of Colorado, Boulder
- 1983-84 University Fellowship, University of California, Los Angeles
- 1972-76 California State Scholarship, University of California, Santa Cruz