

## Curriculum Vita

Summer 2021

### ANDREW ROBERT GOETZ

Professor

Department of Geography & the Environment

University of Denver

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#### CAREER SUMMARY

Andrew R. Goetz is a Professor in the Department of Geography & the Environment and a faculty associate in the Transportation Institute, Rocky Mountain Land Use Institute, the Scrivner Institute for Public Policy, and the Urban Studies program at the University of Denver. He is a co-author of four books, including *Metropolitan Denver: Growth and Change in the Mile-High City* (University of Pennsylvania Press, 2018). He has published numerous journal articles and book chapters on a wide variety of transportation and urban studies topics, including urban, metropolitan, and statewide transportation planning and policy; transport sustainability; urban planning and smart growth; environmental impacts of transportation; transit planning; transit funding and financing; transportation infrastructure investment and urban/economic growth; transit-oriented development; intermodal transportation; freight transportation; air transportation; airport planning; and high-speed rail. Dr. Goetz is currently a member of the scientific committee of Cluster 1: Transport Infrastructure Impacts and Evaluation in the Network of European Communications and Transportation Activities Research (NECTAR), and the Treasurer of the Commission on Transport and Geography in the International Geographical Union. He was a Senior Visiting Fellow at the University of Bologna, Italy in December 2017, and a Visiting Fellow in Humanities also at the University of Bologna in 2009.

Dr. Goetz was principal investigator on numerous research projects for the National Center for Intermodal Transportation, a university transportation center, including funding and financing of transit infrastructure, regional collaboration in support of transit infrastructure provision, effects of transit-oriented development on urban form; passenger and freight rail partnerships in shared use rail corridors, and assessments of transportation planning at metropolitan planning organizations and state departments of transportation. He is currently a member of the Statewide Freight Advisory Council at the Colorado Department of Transportation [CDOT], and has served on the Transportation Advisory Committee for the Denver Regional Council of Governments [DRCOG], the Transportation Advisory Committee for the City and County of Denver's Strategic Transportation Plan, the State Freight and Passenger Rail Plan Working Group for CDOT, and the Denver International Airport [DIA] Community Focus Group. Dr. Goetz served as associate editor of the *Journal of Transport Geography* from 2004-2012, and still serves on its editorial board along with the *World Review of Intermodal Transportation Research*. He received the 2010 Edward L. Ullman Award from the American Association of Geographers for Significant Contributions to Transportation Geography.

#### PROFESSIONAL EXPERIENCE

Professor of Geography & the Environment, University of Denver, 2002-

Faculty Associate, Scrivner Institute of Public Policy, University of Denver, 2020-

Faculty Associate, Transportation Institute, University of Denver, 2016-  
 Faculty Associate, Rocky Mountain Land Use Institute, University of Denver, 2014-  
 Faculty, Urban Studies Program, University of Denver, 2004-  
 Senior Visiting Fellow, Institute of Advanced Studies, University of Bologna, Italy, December  
 2017  
 Professor and Chair of Geography & the Environment, University of Denver, January-December  
 2008, January 2010-June 2016  
 Faculty Associate, National Center for Intermodal Transportation for Economic Competitiveness  
 (US DOT University Transportation Center), 2012-16  
 Faculty Associate, National Center for Intermodal Transportation (US DOT University  
 Transportation Center), 1998-2009  
 Visiting Fellow in Humanities, Institute of Advanced Studies, University of Bologna, Italy, 2009  
 Adjunct Faculty, Josef Korbel School of International Studies, University of Denver, 2004-2008  
 Faculty, Intermodal Transportation Institute, University of Denver, 1996-2008  
 Director, Graduate Programs, Department of Geography, University of Denver, 1995-2007  
 Director, Graduate Program, Intermodal Transportation Institute, University of Denver, 2000-01  
 Associate Director, Intermodal Transportation Institute, University of Denver, 1996-2001  
 Visiting Fellow, Geography, Monash University, Melbourne, Australia, Fall 1994-Winter 1995  
 Associate Director, Center for Transportation Studies, University of Denver, 1991-1996  
 Associate Professor of Geography, University of Denver, 1993-2002  
 Assistant Professor of Geography, University of Denver, 1987-1993

## **EDUCATION**

PhD, Geography, Ohio State University, 1987  
 MA, Geography, Kent State University, 1984  
 BA, Geography, Northwestern University, 1980

## **RESEARCH ACTIVITIES**

### **Peer-Reviewed Publications—Books**

- 2018 Goetz, Andrew R. and Eric Boschmann. 2018. *Metropolitan Denver: Growth and Change in the Mile-High City*. Metropolitan Portraits series. Philadelphia: University of Pennsylvania Press.
- 2014 Goetz, Andrew R., & Lucy Budd, eds. 2014. *The Geographies of Air Transport*. Farnham, England: Ashgate.
- 1997 Dempsey, Paul Stephen, Andrew R. Goetz, and Joseph S. Szyliowicz. 1997. *Denver International Airport: Lessons Learned*. New York: McGraw-Hill.
- 1996 Dempsey, Paul Stephen and Andrew R. Goetz. 1996. *Airline Deregulation and Laissez-Faire Mythology* (Japanese language edition). Westport, CT: Greenwood Press.
- 1992 Dempsey, Paul Stephen and Andrew R. Goetz. 1992. *Airline Deregulation and Laissez-Faire Mythology*. Westport, CT: Quorum Books.

### **Peer-Reviewed Publications—Refereed Journal Articles**

- 2021 Goetz, A. 2020. Airport Area Development and Attitudes of Nearby Residents: A Case Study of Denver, Colorado, USA, *Urban Development Issues*, Vol. 68, Issue 2, pp. 63-73.
- 2020 Zimny-Schmitt, Daniel and Andrew R. Goetz. 2020. An investigation of the performance

- of urban rail transit systems on the corridor level: A comparative analysis in the American west. *Journal of Transport Geography* 88 (October), Article 102848.
- 2019 Goetz, Andrew R. 2019. Transport challenges in rapidly growing cities: is there a magic bullet? *Transport Reviews* 39 (6): 701-705.
- 2019 Jonas, Andrew E.G., Andrew R. Goetz and Sylvia Brady. 2019. The global infrastructure public-private partnership and the extra-territorial politics of collective provision: The case of regional rail transit in Denver, USA. *Urban Studies* 56(7): 1426-1447.
- 2017 Bhattacharjee, Sutapa and Andrew R. Goetz. 2017. Response to "The impact of light rail transit on congestion in Denver: A reappraisal. *Journal of Transport Geography* 58(1): 269-271.
- 2016 Bhattacharjee, S. and Goetz A.R. The rail transit system and land use change in the Denver metro region. *Journal of Transport Geography* 54: 440-450.  
<http://dx.doi.org/10.1016/j.jtrangeo.2016.02.004>
- 2015 Kwoka, Greg, Eric Boschmann, and Andrew Goetz. 2015. The impact of transit station areas on the travel behaviors of workers in Denver, Colorado. *Transportation Research Part A* 80: 277-287.
- 2015 Perl, A. D., & Goetz, A. R. 2015. Getting Up to Speed: Assessing Usable Knowledge from Global High-Speed Rail Experience for the United States. *Transportation Research Record: Journal of the Transportation Research Board*, No. 2475, pp 1-7.
- 2015 Perl, A. D., & Goetz, A. R. 2014. Corridors, Hybrids and Networks: Three Global Development Strategies for High Speed Rail. *Journal of Transport Geography* 42: 134-144.
- 2014 Jonas, A. E., Goetz, A. R., & Bhattacharjee, S. 2014. City-regionalism as a Politics of Collective Provision: Regional Transport Infrastructure in Denver, USA. *Urban Studies*, 51(11), 2444-2456.
- 2013 Bergantino, A. S., & Goetz, A. R. 2013. Infrastructure, Accessibility and Growth: Some Open Issues. *International Journal of Transport Economics*, 40(3), 301-311.
- 2013 Goetz, Andrew R. 2013. Suburban Sprawl or Urban Centres: Tensions and Contradictions of Smart Growth Approaches in Denver, Colorado. *Urban Studies* 50 (11): 2178-2195.  
DOI: 10.1177/0042098013478238
- 2013 Ratner, Keith A. and Andrew R. Goetz. 2013. The Reshaping Of Land Use and Urban Form in Denver through Transit-Oriented Development. *Cities* 30: 31-46.
- 2012 Goetz, Andrew R. 2012. Introduction to the Special Section on Rail Transit Systems and High Speed Rail. *Journal of Transport Geography* 22(3): 219-220.
- 2012 Bhattacharjee, Sutapa and Andrew R. Goetz. 2012. Impact of light rail on traffic congestion in Denver. *Journal of Transport Geography* 22(3): 262-270.
- 2010 Sutton, Paul C., Goetz, Andrew R., Fildes, Stephen, Forster, Clive and Ghosh, Tilottama. 2010. Darkness on the Edge of Town: Mapping Urban and Peri-Urban Australia Using Nighttime Satellite Imagery. *The Professional Geographer* 62(1): 119-133.
- 2009 Goetz, Andrew R., Timothy Vowles, and Sean Tierney. 2009. Bridging the Qualitative-Quantitative Divide in Transport Geography. *The Professional Geographer* 61(3): 323-335.
- 2009 Goetz, Andrew R. and Timothy M. Vowles. 2009. The Good, the Bad, and the Ugly: 30 Years of US Airline Deregulation. *Journal of Transport Geography* 17(4): 251-263.
- 2007 Richter, Christine and Andrew R. Goetz. 2007. Gated Communities in the Denver-

- Boulder Metropolitan Area. *Housing Policy Debate* 18(3): 535-555.
- 2007 Goetz, Andrew R.; Joseph S. Szyliowicz; Timothy M. Vowles, and G. Stephen Taylor. 2007. Assessing Intermodal Transportation Planning at State Departments of Transportation. *World Review of Intermodal Transportation Research* 1(2): 119-145.
- 2006 Goetz, Andrew R. 2006. Transport Geography: Reflecting on a subdiscipline and identifying future research trajectories—The insularity issue in Transport Geography. *Journal of Transport Geography* 14: 230-231.
- 2004 Goetz, Andrew R. and Brian J. Graham. 2004. Air transport globalization, liberalization and sustainability: post-2001 policy dynamics in the United States and Europe. *Journal of Transport Geography* 12: 265-276.
- 2002 Goetz, Andrew R. 2002. Deregulation, Competition, and Antitrust Implications in the U.S. Airline Industry. *Journal of Transport Geography* 10: 1-19.
- 2002 Goetz, Andrew R., Paul Stephen Dempsey, and Carl Larson. 2002. Metropolitan Planning Organizations: Findings and Recommendations for Improving Transportation Planning. *Publius: The Journal of Federalism* 32(1): 87-105.
- 2000 Goetz, Andrew R. and Timothy M. Vowles. 2000. Progress in Intermodal Passenger Transportation: Private Sector Initiatives. *Transportation Law Journal* 27(3): 475-497.
- 1999 Goetz, Andrew R. and Jean-Paul Rodrigue. 1999. Transport Terminals: New Perspectives. *Journal of Transport Geography* 7: 237-240.
- 1998 Szyliowicz, Joseph S., Andrew R. Goetz, and Paul Stephen Dempsey. 1998. The Vision, the Trends, and the Issues. Proceedings of the North American Intermodal Summit. *Transportation Law Journal* 25(2): 254-258.
- 1997 Goetz, Andrew R. and Christopher J. Sutton. 1997. The Geography of Deregulation in the U.S. Domestic Airline Industry. *Annals of the Association of American Geographers* 87(2): 238-263.
- 1997 Goetz, Andrew R. and Joseph S. Szyliowicz. 1997. Revisiting Transportation Planning and Decision-Making Theory: The Case of Denver International Airport. *Transportation Research, Part A* 31(4): 263-280.
- 1995 Szyliowicz, Joseph S. and Andrew R. Goetz. 1995. Getting Realistic About Megaproject Planning: The Case of the New Denver International Airport. *Policy Sciences* 28: 347-367.
- 1995 Goetz, Andrew R. 1995. International Air Transportation: Commemorating the 50th Anniversary of the Chicago Convention. Association of American Geographers Annual Meeting, Chicago. *Journal of Transport Geography* 3(3): 229-230.
- 1993 Goetz, Andrew R. 1993. Geographic Patterns of Air Service Frequencies and Pricing at U.S. Cities. *Journal of the Transportation Research Forum* 33(2): 56-72.
- 1993 Goetz, Andrew R. 1993. Towards a Geography of Deregulation: Experiences from Recently Deregulated Industries. Association of American Geographers Annual Meeting, Atlanta, April 1993. *Journal of Transport Geography* 1: 281-82.
- 1992 Goetz, Andrew R. 1992. Air Passenger Transportation and Growth in the U.S. Urban System: 1950-1987. *Growth and Change* 23: 217-38.
- 1992 Dempsey, Paul Stephen, Andrew R. Goetz, and Joseph Szyliowicz. 1992. The University of Denver Center for Transportation Studies: Education at the Crossroads. *Transportation Law Journal* 21: 3-11.
- 1989 Goetz, Andrew R. and Paul Stephen Dempsey. 1989. Airline Deregulation Ten Years

- After: Something Foul in the Air. *Journal of Air Law and Commerce* 54: 927-63.
- 1989 Brown, Lawrence A., Kim V. L. England, and Andrew R. Goetz. 1989. Location, Social Categories, and Individual Labor Market Experiences in Developing Economies: The Venezuelan Case. *International Regional Science Review* 12: 1-28.
- 1988 Brown, Lawrence A., Jorge A. Brea, and Andrew R. Goetz. 1988. Policy Aspects of Development and Individual Mobility: Migration and Circulation from Ecuador's Rural Sierra. *Economic Geography* 64: 147-70.
- 1987 Brown, Lawrence A. and Andrew R. Goetz. 1987. Development-Related Contextual Effects and Individual Attributes in Third World Migration Processes: A Venezuelan Example. *Demography* 24: 497-516.

### **Peer-Reviewed Publications—Book Chapters**

- 2021 Brady, Sylvia, Andrew R. Goetz, and Andrew E.G. Jonas. Forthcoming 2021. Innovative Approaches to Improved Transportation Infrastructure Funding and Financing through Public-Private Partnerships: A Denver Case Study. In: Hakim, S. and E. Blackstone (eds). *Handbook on Public-Private Partnerships in Transportation*. Springer Science.
- 2021 Goetz, Andrew R. 2021. Airline Regulation. In Vickerman, R (ed) *International Encyclopedia of Transportation*, Elsevier. Article 10436.
- 2020 Boschmann, E. Eric and Andrew R. Goetz. 2020. Metropolitan Denver: From ‘Queen City of the Plains’ to ‘Mile High City.’ In: Keables, M (ed). *The Rocky Mountain West: A Compendium of Geographic Perspectives*. Washington, DC: American Association of Geographers, pp. 166-171.
- 2019 Goetz, Andrew R. 2019. Effects of TOD in Denver, Colorado, USA. In Knowles, R. and Ferbrache, F. (eds) *Transit Oriented Development and Sustainable Cities: Economics, Community and Methods*. Transport, Mobilities and Spatial Change Book Series. Edward Elgar.
- 2019 Goetz, Andrew R. 2019. The Airport as an Attraction: The Airport City and Aerotropolis Concept. In Graham, A. and Dobruszkes, F. (eds) *Air Transport: A Tourism Perspective*. Elsevier.
- 2017 Goetz, Andrew R. 2017. Air Transport: Speed, Global Connectivity and Time-Space Convergence. In Warf, B. (ed) *Handbook on Geographies of Technology*. Edward Elgar, pp. 211-230.
- 2017 Goetz, Andrew R. and Anthony D. Perl. 2017. Transport policy. In Richardson, D. (ed) *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology*. American Association of Geographers and Wiley/Blackwell.
- 2017 Perl, Anthony D. and Andrew R. Goetz. 2017. Transport technology. In Richardson, D. (ed) *The International Encyclopedia of Geography: People, the Earth, Environment, and Technology*. American Association of Geographers and Wiley/Blackwell.
- 2015 Goetz, A. R. 2015. The Expansion of Large International Hub Airports. In Hickman, R., Givoni, M., Bonilla, D. & Banister, D. (eds.) 2015. *Handbook on Transport and Development*, Cheltenham: Edward Elgar.
- 2014 Goetz, A. R., & Budd, L. 2014. Conclusion. In Andrew R. Goetz & Lucy Budd (Eds.), *The Geographies of Air Transport*, pp. 267-273. Farnham, England: Ashgate.

- 2014 Budd, L. C., & Goetz, A. R. 2014. The Geographies of Air Transport: An Introduction. In Andrew R. Goetz & Lucy CS Budd (Eds.), *The Geographies of Air Transport*, pp. 1-6. Farnham, England: Ashgate.
- 2014 Szyliowicz, J. S., & Goetz, A. R. 2014. Getting Realistic About Megaproject Planning: The Case of the New Denver International Airport. In Bent Flyvberg (Ed.), *Megaproject Planning and Management: Essential Readings*. Abingdon, UK: Edward Elgar. 978 1 78100 170 7.
- 2014 Goetz, A. R., & Sutton, C. J. 2014. The geography of deregulation in the US airline industry. In Lucy Budd & Stephen Ison (Eds.), *Low Cost Carriers: Emergence, Expansion and Evolution*. Farnham, England: Ashgate. 978-1-4094-6903-2.
- 2012 Goetz, Andrew R and Brian J. Graham. 2012. Air Transport Globalization, Liberalization and Sustainability: Post-2001 Policy Dynamics in the United States and Europe. In: Kenneth Button and Henry Vega (Eds.), *Globalization and Transport*. Abingdon, UK: Edward Elgar.
- 2012 Goetz, Andrew R. 2012. International Air Transportation Association. In: Helmut K. Anheier and Mark Juergensmeyer (Eds.), *International Encyclopedia of Global Studies*, Sage Publications, pp. 926-927.
- 2011 Goetz, Andrew R. 2011. The Global Economic Crisis, Investment in Transport Infrastructure, and Economic Development. In: K. Button and A. Reggiani (Eds.), *Transportation and Economic Development Challenges*. Cheltenham, UK: Edward Elgar Publishers, pp. 41-71.
- 2011 Goetz, Andrew R. 2011. Globalization. In Kenneth Button, Henry Vega & Peter Nijkamp (Eds.), *The Dictionary of Transport*. Cheltenham, UK: Edward Elgar, pp. 174-176
- 2011 Goetz, Andrew R. 2011. Metropolitan Transport Planning Organizations in the United States. In: Kenneth Button, Henry Vega & Peter Nijkamp (Eds.), *The Dictionary of Transport*. Cheltenham, UK: Edward Elgar, pp. 263-265.
- 2011 Goetz, Andrew R. 2011. State Departments of Transportation in the United States. In: Kenneth Button, Henry Vega & Peter Nijkamp (Eds.), *The Dictionary of Transport*. Cheltenham, UK: Edward Elgar, pp. 376-378.
- 2009 Goetz, Andrew R. 2009. Transport: Intermodality. In Rob Kitchin and Nigel Thrift (Eds.), *International Encyclopedia of Human Geography*. Oxford: Elsevier.
- 2008 Goetz, Andrew R. 2008. Transportation and Energy. In Artimus Kieffer (Ed.), *Geography of Ohio*, ed.. Kent, OH: Kent State University Press, pp. 227-249.
- 2008 Graham, Brian J. and Andrew R. Goetz. 2008. Global Air Transport. In Richard Knowles, Iain Docherty, and Jon Shaw (Eds.), *Transport Geographies: Mobilities, Flows, and Spaces*, eds.. London: Blackwell, pp. 137-155.
- 2007 Goetz, Andrew R. and Sutapa Bandyopadhyay. 2007. Regional Development Impacts of Trade Corridors: Recent Experiences from the United States. In: David Gillen, Graham Parsons, and Barry Prentice (Eds.), *Canada's Asia Pacific Gateway and Corridor Initiative: Policy Trade and Gateway Economics (Volume 1)*, Centre for Transportation Studies, University of British Columbia ISBN 978-0-88865-538-7.
- 2007 Goetz, Andrew R. 2007. State Departments of Transportation: From Highway Departments to Transportation Agencies. In: Jeremy Plant (Ed.), *Handbook of Transportation Policy and Administration*. New York: Taylor & Francis, pp. 121-144.
- 2005 Goetz, Andrew R. 2005. The Modes. In: Paul Dempsey (ed.), *Intermodal Passenger*

- Transportation*. Denver: National Center for Intermodal Transportation.
- 2005 Goetz, Andrew R. 2005. Planning. In: Paul Dempsey (ed.), *Intermodal Passenger Transportation*. Denver: National Center for Intermodal Transportation.
- 2004 Goetz, Andrew R., Bruce A. Ralston, Frederick Stutz, and Thomas R. Leinbach. 2004. Transportation Geography. In Gary Gaile and Cort Wilmott (Eds.), *Geography in America at the Dawn of the 21<sup>st</sup> Century*. Oxford: Oxford University Press.
- 2000 Goetz, Andrew R. and Timothy M. Vowles. 2000. Progress in Intermodal Passenger Transportation: Private Sector Initiatives. In: Joseph Szyliowicz (Ed.), *Intermodal Transportation: Selected Essays*. Denver: National Center for Intermodal Transportation. (Reprinted from *Transportation Law Journal*, Vol. 27, No. 3, Summer 2000).
- 1992 Goetz, Andrew R. and Catherine Dwyer. 1992. Denver: The Urban Landscape of a Western Regional Center. In David Hill (Ed.), *Field Studies Guide, IGU-Geographical Education Symposium*. Boulder, CO: University of Colorado, pp. 113-18.

### **External Grant and Fellowship Funding**

- Mineta Transportation Institute, San Jose State University. Urban Goods Movement and Local Climate Action Plans: Assessing strategies to reduce greenhouse gas emissions from urban freight transportation, \$24,712, 2017-2018. PIs: Andrew R. Goetz and Serena Alexander.
- American Association of Geographers (AAG) and National Science Foundation (NSF). Travel grant to attend International Geographical Union conference in Quebec City, Canada, \$1550, 2018.
- Institute of Advanced Studies, University of Bologna, Bologna, Italy. Airports, air transportation, economic development, sustainability and the aerotropolis concept. Senior Visiting Fellowship, November-December 2017.
- American Association of Geographers (AAG) and National Science Foundation (NSF). Travel grant to attend International Geographical Congress in Beijing, China, \$1500, 2016.
- National Center for Intermodal Transportation for Economic Competitiveness (NCITEC). Passenger Rail and Freight Rail Partnerships: Case Studies in Boston, Chicago, and Denver. PIs: Andrew R. Goetz and Keith A. Ratner. \$77,701, 2015.
- National Center for Intermodal Transportation for Economic Competitiveness (NCITEC). Innovative Approaches to Improved Intermodal Transportation Infrastructure Funding and Financing through Public-Private Partnerships. PIs: Andrew R. Goetz and Andrew E.G. Jonas. \$57,764, 2015.
- American Association of Geographers (AAG) and National Science Foundation (NSF). Travel grant to attend International Geographical Union regional conference in Moscow, Russia, \$1000, 2015.
- National Center for Intermodal Transportation and Economic Competitiveness. Getting Up To Speed: Placing the Growth of High Speed Passenger Rail Transportation in Global Perspective. PI's: Anthony D. Perl and Andrew R. Goetz. \$20,000, 2013.
- Association of American Geographers (AAG) and National Science Foundation (NSF). Travel grant to attend International Geographical Union regional conference in Kyoto, Japan, \$1000, 2013.
- U.S. Department of Transportation, University Transportation Center Program. National Center for Intermodal Transportation and Economic Competitiveness. Mississippi State

University, University of Denver, Hampton University, Louisiana State University, and University of Mississippi. Faculty Associate (DU PI: Patrick Sherry). \$3.5 million, 2012-2014.

National Center for Intermodal Transportation. Regional Collaboration in Transport Infrastructure Provision: The Case of Denver's FasTracks Rail Transit Program. PI's: Andrew R. Goetz and Andrew E.G. Jonas. \$32,000, 2008-09.

National Center for Intermodal Transportation. Evaluating Transit-Oriented Development (TOD) in Denver. PI's: Andrew R. Goetz and Keith Ratner. \$20,000, 2008-09.

National Center for Intermodal Transportation. An Evaluation of Air-Rail Passenger Intermodal Access at United States Airports. PI's: Andrew R. Goetz and Timothy M. Vowles. \$20,000, 2008-2009.

Institute of Advanced Studies, University of Bologna, Bologna, Italy. Civic Engagement and Industrial Districts in Bologna and Emilia-Romagna, Italy: The Role of Intermodal Transportation Infrastructure, Logistics, and Distribution Industries in Regional Competitive Advantage and Economic Development. Visiting Fellowship in Humanities, January 2009-March 2009.

City and County of Denver Aviation Department, \$49,640, 'Survey of Denver International Airport area residents,' University of Denver Center for Travel and Tourism (\$49,640), 2006-2007.

U.S. Department of Transportation, University Transportation Center Program. National Center for Intermodal Transportation at the University of Denver Intermodal Transportation Institute and Mississippi State University. Faculty Associate (DU PI: Patrick Sherry). \$2.4 million, 2005-2009.

National Center for Intermodal Transportation. 'Passenger Transportation Systems,' for *Intermodal Passenger Transportation* (\$10,000), 2004-2005.

National Science Foundation. Travel grant for conference "Globalization, E-Economy, and Trade," Focus Group 1 of STELLA (Sustainable Transport in Europe and Links and Liaisons with America) group, Brussels, Belgium, April 2003.

National Center for Intermodal Transportation. 'Planning,' for *Intermodal Passenger Transportation* (\$10,000), 2002-2003.

National Center for Intermodal Transportation. Transportation Education at the University of Denver. Co-Principal Investigator (with Paul Dempsey and Joseph Szyliowicz) (\$4500) 2002.

National Center for Intermodal Transportation. Assessing Intermodal Transportation Planning at State Departments of Transportation. Principal Investigator and Project Leader (Research team: Andrew Goetz, Joseph Szyliowicz, Patrick Sherry, Timothy Vowles, Jonathan Jervell, and Paul Dempsey) (\$61,340) 2001-2002.

National Center for Intermodal Transportation. Treatise on Intermodal Passenger Transportation. Co-Principal Investigator (\$80,000) 2001-2002.

University of Bologna (Italy), Institute for Advanced Studies. Senior Visiting Fellowship in support of research on 'Intermodal Passenger Transportation in Europe' (\$2,000) September-December 2001.

National Center for Intermodal Transportation. Progress in Intermodal Passenger Transportation. Principal Investigator (\$9,000) March-August 2001.

Colorado Department of Transportation and Federal Transit Administration. Denver



- Metropolitan Planning Organization (MPO) Study. Principal Investigator and Project Leader (Research team: Andrew Goetz, Paul Dempsey and Carl Larson) (\$500,000) 1999-2000.
- New Mexico State Highway and Transportation Department. Workshop on Ethical Issues in Intermodal Transportation Planning. Co-Principal Investigator (\$30,000) 1999-2000.
- National Science Foundation, Social Change and Sustainable Transport (SCAST) Initiative. Travel grant for Conference on Social Change and Sustainable Transport, University of California, Berkeley, CA (\$658) March 1999.
- National Center for Intermodal Transportation. Development of Curriculum for Masters Degree Program in Intermodal Transportation. Co-Principal Investigator (\$70,000) 1998-2000.
- U.S. Department of Transportation, University Transportation Center Program. Establishing the National Center for Intermodal Transportation at the University of Denver Intermodal Transportation Institute and Mississippi State University. Co-Principal Investigator and Associate Director, University of Denver Intermodal Transportation Institute (\$3.2 million) 1998-2004.
- Social Science Foundation. Transportation and International Sustainable Development. Co-Principal Investigator (\$3894) 1995-1996.
- U.S. Department of Education, National Resource Center Program. Global Issues Core Course, International Conflict and Cooperation in the Post-Cold War Era. Co-Principal Investigator (\$9,000) 1991-1992.

### **University of Denver Internal Grant Funding**

- Office of Internationalization, Professional Development Grant. Travel funding in support of Senior Visiting Fellowship, Institute of Advanced Studies, University of Bologna, Italy. \$1600, 2017.
- Office of Internationalization, Professional Development Grant, High-Speed Rail and Transit-Oriented Development in China. \$1000, 2016.
- Office of Internationalization, Professional Development Grant, Transport investment and smart growth planning: Travel behavior and land use impacts of rail transit and transit-oriented development. \$2,699.00, 2015.
- Office of Internationalization, Faculty/Curriculum Development Grant, The Geographic and Economic Development Impacts of Low-Cost Airlines in Peripheral Regions. \$1,600.00, 2014.
- Intermodal Transportation Institute and National Center for Intermodal Transportation White Paper. High-Speed Passenger Rail: Considering Where the US Has Come From and Where the World Is Going. PI's: Anthony Perl and Andrew Goetz. \$6,000, 2013.
- Office of Internationalization, Faculty/Curriculum Development Grant, Understanding Options for High-Speed Rail. \$1600, 2013.
- Anna Maglione-Sie Research Travel Grant, Air Transport Research Society conference and low-cost airlines in Italy, \$2600, 2013.
- Center for Teaching and Learning, Cooperative Learning Instructional Workshop, \$2500, 2005-2006.
- Interdisciplinary Research Fund. Intermodal Transportation Institute research initiative in support of developing National Center for Intermodal Transportation. Co-Principal Investigator, \$7,200, 1997-1998.

### **Presentations at Professional Meetings and Forums**

- 2021 Goetz, A.R. The Interstate Highway 70 Reconstruction Project in Denver, Colorado, USA: Repeating a 1960s Planning Failure? Online Presentation at Critical Discourses on Transport and Urban Development, Network of European Communications and Transportation Activities Research (NECTAR) Cluster 1: Transport Infrastructure Impacts and Evaluation, June 15, 2021.
- 2020 Goetz, A.R. and E. E. Boschmann. Metropolitan Denver: Growth and Change in the Mile High City. Northwestern University Club of Colorado meeting, January 28, 2020.
- 2020 Goetz, A.R. Urban Goods Movement and Local Climate Action Plans: Assessing strategies to reduce greenhouse gas emissions from urban freight transportation, Transportation Research Board conference, Washington DC, January 14, 2020.
- 2019 Goetz, A.R. Urban Goods Movement and Local Climate Action Plans: Assessing strategies to reduce greenhouse gas emissions from urban freight transportation, International Urban Freight Conference, METRANS University Transportation Center, Long Beach, CA, October 17, 2019.
- 2019 Goetz, A.R. Effects of TOD in Denver, Colorado, USA. Organized session on Public Transit: Social and Economic Opportunities and Consequences, Annual Meeting of the American Association of Geographers, Washington, DC, April 3, 2019.
- 2019 Goetz, A.R. and E.E. Boschmann. Metropolitan Denver: Growth and Change in the Mile-High City. University of Denver Department of Geography & the Environment research colloquium, January 17, 2019.
- 2018 Goetz, A.R. Denver: Where Are We Going and How Do We Get There? Panel Presentation, Denver City Council forum, organized by Paul Kashmann. University of Denver, November 9, 2018.
- 2018 Goetz, A. R., "US High-Speed Rail: Myth or Reality?," IGU Regional Conference, International Geographical Union, Quebec City, Quebec, Canada, August 8, 2018.
- 2018 Goetz, A. R., "Denver and the Front Range 2030: Region in Transition," Colorado Arts & Technology Series, Colorado Lending Source, Denver, April 19, 2018.
- 2018 Alexander, S., Goetz, A. R., "Urban Goods Movement and Local Climate Action Plans: Assessing strategies to reduce greenhouse gas emissions from urban freight transportation," Annual Meeting of the American Association of Geographers, American Association of Geographers, New Orleans, Louisiana, April 14, 2018.
- 2018 Goetz, A. R., "Metropolitan Regionalism and Collaboration in Support of Rail Transit and Transit-Oriented Development: The Denver Case," Malcolm L. Comeaux Lecture, School of Geographical Sciences and Urban Planning, Arizona State University, Tempe, Arizona, March 27, 2018.
- 2018 Goetz, A. R., "Ditch the Ditch? The Central Interstate 70 Reconstruction Project in Denver," Rocky Mountain Land Use Institute (RMLUI) Conference, Rocky Mountain Land Use Institute, Denver, CO, March 8, 2018.
- 2017 Goetz, A. R. Airports, Air Transport, Economic Development, Sustainability and the Aerotropolis Concept. Senior Visiting Fellowship Lecture, Institute of Advanced Studies, University of Bologna, Italy, December 19, 2017.

- 2017 Goetz, A. R. Airports, Air Transport, Airports, and Economic Development. Invited Research Seminar, Department of Statistical Sciences, University of Bologna, Italy, December 12, 2017.
- 2017 Goetz, A.R. and Sylvia Brady. Passenger rail and freight rail partnerships in shared use corridors: A Denver case study. METRANS International Urban Freight Conference, Long Beach, California, October 18, 2017.
- 2017 Goetz, A.R., Sylvia Brady, and Andrew E.G. Jonas. Innovative Approaches to Transit Infrastructure Funding and Financing through Public-Private Partnerships: A Denver Case Study. Association of Collegiate Schools of Planning Annual Conference, Denver, CO, October 14, 2017.
- 2017 Goetz, Andrew R., Keith Ratner, and Sutapa Bhattacharjee. The Reshaping of Land Use and Urban Form in Denver Through Transit-Oriented Development. Urban Land Institute Colorado, TOD Best Practices Committee Meeting, Denver, CO, August 2, 2017.
- 2017 Goetz, Andrew R. Innovation and Sustainable Change: Lessons from USA, Panel presentation, India Global Summit 2017, Denver, CO, June 10, 2017.
- 2017 Goetz, Andrew R. How Universities are Helping to Create Smart Cities, Panel presentation, University of Denver School of Engineering and Computer Science, Denver, CO, May 15, 2017.
- 2017 Goetz, Andrew R., Keith Ratner, Julie Cidell, Michael Minn, and Sylvia Brady. Passenger Rail and Freight Rail Partnerships: Case Studies in Boston, Chicago, and Denver. Transportation Research Forum annual meeting, Chicago, IL, April 21, 2017.
- 2017 Goetz, Andrew R. Getting up to speed: Assessing the usable knowledge from global high-speed rail experience for the U.S. University of Denver Internationalization Summit, Denver, CO, April 14, 2017.
- 2017 Brady, Sylvia and Andrew R. Goetz. Passenger and freight rail partnerships in shared-use corridors: A Denver case study. American Association of Geographers annual meeting, Boston, MA, April 8, 2017.
- 2017 Goetz, Andrew R. A critical perspective of the Aerotropolis concept: Tensions and contradictions in a case study of Denver, Colorado, USA. American Association of Geographers annual meeting, Boston, MA, April 7, 2017.
- 2017 Jonas, Andrew E.G., Andrew R. Goetz, and Sylvia Brady. Financing the urban growth machine: the rise of the global infrastructure public-private partnership. American Association of Geographers annual meeting, Boston, MA, April 6, 2017.
- 2016 Goetz, Andrew R., Keith Ratner, Julie Cidell, Michael Minn, and Sylvia Brady. Passenger Rail and Freight Rail Partnerships: Case Studies in Boston, Chicago, and Denver. Great Plains/Rocky Mountain Regional Meeting of the American Association of Geographers, Colorado Springs, Colorado, October 22, 2016.
- 2016 Goetz, Andrew R., Keith Ratner, Julie Cidell, Michael Minn, and Sylvia Brady. Passenger Rail and Freight Rail Partnerships: Case Studies in Boston, Chicago, and Denver. National Association of Railroad Passengers (NARP) Annual Meeting, Denver, Colorado, October 15, 2016.
- 2016 Jonas, A. E., Goetz, A. R., "Transit oriented developments and the search for an urban 'sustainability fix': the case of FasTracks rail transit in Denver, USA," International Geographical Congress, International Geographical Union, Beijing, China. August 24, 2016.

- 2016 Goetz, A. R., Perl, A., "Getting up to speed: Assessing the Usable Knowledge from Global High Speed Rail Experience for the United States," International Geographical Congress, International Geographical Union, Beijing, China. (August 23, 2016).
- 2016 Just and Sustainable Transportation, Panel presentation, Provost's Conference: Just Sustainabilities, University of Denver, Denver, CO, April 25, 2016.
- 2016 California High-Speed Rail: Progress and Prospect. Workshop panel, American Association of Geographers annual meeting, San Francisco, California, March 29, 2016.
- 2016 Mobility in the Rocky Mountain West: Transportation Past, Present, and Future. Panel moderator and presenter, Rocky Mountain Land Use Institute Annual Conference, Denver, Colorado, March 10, 2016.
- 2015 Transport investment and smart growth planning: Travel behavior and land use impacts of rail transit and transit-oriented development in Denver, Colorado, USA. Regional Conference of the International Geographical Union, Moscow State University, Moscow, Russia, Aug 17, 2015.
- 2015 Transport investment and smart growth planning: Travel behavior and land use impacts of rail transit and transit-oriented development in Denver, Colorado, USA. Biennial Conference of Network of European Communications and Transportation Activities Research (NECTAR), University of Michigan, Ann Arbor, Michigan, June 14, 2015.
- 2015 The Geographic Strategies of Low-Cost Airlines: Comparisons between the United States and Europe. Annual meeting of the Association of American Geographers, Chicago, Illinois, April 24, 2015.
- 2015 Metropolitan Regionalism and Collaboration in Support of Rail Transit and Transit-Oriented Development: The Denver Case. Invited Lecture for Livable Transportation Systems and Urban Planning Colloquium Series, Departments of Civil & Environmental Engineering, Geography, Economics, and Landscape Architecture, University of Connecticut, Storrs, Connecticut, April 10, 2015.
- 2015 Parking in Transit-Oriented Development Zones. Panel presentation at The Road Ahead: The Parking Conundrum, sponsored by Transportation Solutions, Glendale, Colorado, April 2, 2015.
- 2015 FasTracks 10 Years After the Vote: What Have We Learned. Panel Organizer and Chair, Rocky Mountain Land Use Institute annual conference, University of Denver, Denver, Colorado, March 13, 2015.
- 2015 Perl, A. D. and A.R. Goetz. Getting Up to Speed: Assessing the Usable Knowledge from Global High Speed Rail Experience for the United States. Transportation Research Board, Washington, DC, January 13, 2015.
- 2014 Goetz, Andrew. R. and Keith A. Ratner. The Reshaping of Land Use and Urban Form in Denver Through Transit-Oriented Development. International Council of Shopping Centers: Research Connections Conference, Denver, CO, September 29, 2014.
- 2014 Goetz, A. R., "The Geographic Strategies of Low-Cost Airlines: Comparisons between the United States and Europe," International Geographical Union Commission on Transport and Geography, IGU, Krakow, Poland, August 19, 2014.
- 2014 Getting Up to Speed: Assessing the Usable Knowledge from Global High Speed Rail Experience for the United States (with Anthony Perl), Transportation Research Forum, San Jose, California, March 13, 2014.

- 2013 Using a Typological Approach for Transit-Oriented Development and Impacts on Travel Behavior in Denver, National Center for Intermodal Transportation for Economic Competitiveness (NCITEC) Annual Conference, Mississippi State University, November 1, 2013.
- 2013 Innovative Approaches to Improved Intermodal Transportation Infrastructure Funding and Financing through Public-Private Partnerships, National Center for Intermodal Transportation for Economic Competitiveness (NCITEC) Annual Conference, Mississippi State University, October 31, 2013.
- 2013 The Place of Transport in Geography. Invited Presentation, Hoyle Lecture in Transport Geography, Annual Conference of the Royal Geographic Society with the Institute of British Geographers, London, UK, August 29, 2013.
- 2013 High-Speed Passenger Rail: Considering Where the US Has Come From and Where the World Is Going. Regional Meeting of the International Geographical Union, Kyoto, Japan, August 6, 2013.
- 2013 Geographies of Air Transport. Annual Meeting of the Air Transport Research Society, Bergamo, Italy, June 27, 2013.
- 2013 The Expansion of Large International Hub Airports. Biannual Meeting of the Network on European Communications and Transportation Activity Research (NECTAR), Ponta Delgada, Portugal, June 17, 2013.
- 2013 Regional transportation infrastructure and the search for a "sustainability fix" in Denver (with Andrew E.G. Jonas). Annual meeting of the Association of American Geographers, Los Angeles, CA, April 13, 2013.
- 2013 Investment in Transport Infrastructure and Economic Development: A Geographical Perspective. Invited Presentation, Honorary Robert Gabler Lecture in Geography, Western Illinois University, Macomb, Illinois, March 18, 2013.
- 2013 Goetz, A. R., "Recent demographic change in Denver," Denver University Law Review 2013 Symposium: Forty Years since Keyes v. School District No. 1, University of Denver Sturm College of Law, Denver, CO, February 1, 2013.
- 2012 Understanding the options for United States high-speed rail, Meeting of the Colorado Rail Passenger Association, Boulder, CO, September 22, 2012
- 2012 Investment in Transport Infrastructure and Economic Development. Invited keynote address, XIV Annual Conference of the Association of Italian Transport Economists, University of Bari, Italy, June 28-30, 2012.
- 2012 Sustainability and Security in Transportation. NECTAR (Network on European Communications and Transport Activities Research) Cluster 7 meeting on Security, Hazardous Materials, and Multimodal Transport, University of Salento, Lecce, Apulia, Italy, June 22-23, 2012.
- 2012 The Reshaping of Land Use and Urban Form in Denver Through Transit-Oriented Development. Annual meeting of the Transportation Research Forum, Tampa, Florida, March 16, 2012.
- 2012 High-Speed Rail in America: Promise and Peril. Panel session at the Association of American Geographers annual meeting, New York City, February 26, 2012.
- 2011 Mile-High Eco-City or Sprawling Cowtown: Tensions and Contradictions in Smart Growth Approaches in Denver, Colorado. Great Plains/Rocky Mountains Division, Association of American Geographers Regional Meeting, Denver, Colorado, October 7,

- 2011.
- 2011 Denver. Invited presentation for MacArthur Research Network on “How Housing Matters to Families and Children,” Chicago, Illinois, June 29, 2011.
- 2011 Invited discussant for session on Geographic Dimensions of Airline Network Development, Association of American Geographers annual meeting, New York, April 14, 2011.
- 2011 The Good, the Bad, and the Ugly: Thirty Years of US Airline Deregulation. Invited presentation for The Prospects for Sustainable Aviation in the UK: Evaluating, Negotiating and Mediating between Competing Perspectives, Seminar 2: The political economy of UK aviation, Loughborough University, UK, March 11, 2011.
- 2011 Investment in Transport Infrastructure and Economic Development : Recent Debates in the United States. Invited lecture, Transport Studies Unit, School of Geography and the Environment, Oxford University, Oxford, UK, March 9, 2011.
- 2010 Denver Rail Transit: Regional Collaboration and Transit-Oriented Development in the Mile-High City. Paper presented at the Association of American Geographers annual meeting, Washington, DC, April 17, 2010.
- 2009 Accessibility and Transit-Oriented Development. Paper presented at Cluster 6 meeting of NECTAR (Network on European Communications and Transport Activities Research), Cagliari, Sardegna, Italy, October 17, 2009.
- 2009 Mile-High Eco-City or Sprawling Cowtown: Tensions and Contradictions in the Urban Imagery of Denver, Colorado. Paper presented at the Royal Geographic Society/Institute of British Geographers annual meeting, Manchester, UK, August 28, 2009.
- 2009 The Global Economic Crisis, Investment in Transport Infrastructure, and Economic Development. Paper presented at the Biennial Conference of NECTAR (Network on European Communications and Transport Activities Research), Arlington, Virginia, June 18, 2009.
- 2009 Transport Networks in Europe and North America. Lecture presented at Faculty of Law, University of Bologna, Italy, June 11, 2009.
- 2009 The Good, the Bad, and the Ugly: 30 Years of US Airline Deregulation. Paper presented to the Faculty of Economics and Business Administration, Free University of Amsterdam, Netherlands, May 29, 2009.
- 2009 The Global Economic Crisis, Investment in Transport Infrastructure, and Economic Development. Keynote address presented at BIVEC/GIBET (Association of Benelux Transport Economists) Annual Research Day, Brussels, Belgium, May 27, 2009.
- 2009 Economic Geography Perspectives on Global Air Transport. Paper presented to the Faculty of Economics, University of Modena and Reggio Emilia, Italy, May 5, 2009.
- 2009 Il Buono, Il Brutto, Il Cattivo: 30 Years of US Airline Deregulation. Paper presented at the Institute of Advanced Studies, University of Bologna, Italy, January 21, 2009.
- 2008 The Governance Challenges of Financing Transport Infrastructure in the United States: Recent National, State, and Local Initiatives. Paper presented at Annual Meeting of the Royal Geographic Society/Institute of British Geographers, London, UK, August 27, 2008.
- 2008 The Good, the Bad, and the Ugly: Thirty Years of US Airline Deregulation (with Timothy M. Vowles). Paper presented at Annual Meeting of the Association of American Geographers, Boston, MA, April 19, 2008.

- 2008 Transport Geography Meets Mobilities. Panel session presentation at Annual Meeting of the Association of American Geographers, Boston, MA, April 19, 2008.
- 2008 Sustainable Transportation. Creating a Sustainable University: Strategies for Change, University of Denver Provost's Conference, January 25, 2008.
- 2007 Trade-offs in Trade Corridors: Economic Development, Social, and Environmental Impacts. National Urban Freight Conference, Long Beach, CA, December 5, 2007.
- 2007 Geographical Perspectives on Global Air Transport. Invited Plenary Address, First Congress of the Ibero-American Network of Air Transport Research (RIDITA), Buenos Aires, Argentina, November 13, 2007.
- 2007 Bridging the Qualitative-Quantitative Divide in Transport Geography. Invited Research Colloquium, Institute of Geography, University of Buenos Aires, Argentina, November 12, 2007.
- 2007 Assessing Intermodal Transportation Planning at State Departments of Transportation. Research Issues in Freight Transportation-Congestion and System Performance Conference, Transportation Research Board, October 22, 2007 Washington, DC.
- 2007 International Trade, Transportation Corridors, and the Great Plains/Rocky Mountain Region. Great Plains International Trade Corridor Conference, Denver, Colorado, September 20, 2007.
- 2007 Living In 'Aerotropolis': Attitudes of Residents Who Live in Communities Near Airports. Air Transport Research Society Annual Meeting, Berkeley, CA, June 23, 2007.
- 2007 Transit-Oriented and Joint Development. Federal Transit Administration and National Center for Intermodal Transportation Research Workshop, Denver, Colorado, May 17, 2007.
- 2007 The Freeway Revolt Era: Lessons from the Freeway Revolts in San Francisco and other Cities in the 1960s and 1970s. Panel presentation at Association of American Geographers annual meeting, San Francisco, California, April 21, 2007.
- 2007 Bridging the Qualitative-Quantitative Divide in Transport Geography (with Tim Vowles and Sean Tierney). Paper presentation at Association of American Geographers annual meeting, San Francisco, California, April 20, 2007.
- 2007 Regional Development Impacts of Trade Corridors: Recent Experiences from the United States (with Sutapa Bandyopadhyay). Canada's Asia-Pacific Gateway Corridor Initiative. Regina, Saskatchewan, February 21, 2007.
- 2006 Transportation and Logistics Programs at the University of Denver. Logistics Education Forum, sponsored by the Eno Foundation and the Federal Highway Administration, Atlanta, Georgia, June 27, 2006.
- 2006 Legacy Airlines in Distress: The Geography of Competitive Response in Air Service (with Tim Vowles and Sean Tierney). Paper presentation at Association of American Geographers national meeting, Chicago, Illinois, March 9, 2006.
- 2006 Transport Geography: Reflecting On A Subdiscipline And Identifying Future Research Trajectories. Panel presentation at Association of American Geographers national meeting, Chicago, Illinois, March 11, 2006.
- 2006 Size vs Profitability: An Historical Examination of US Airlines' Financial Situation (with Sean Tierney). Paper presentation at Association of American Geographers national meeting, Chicago, Illinois, March 10, 2006.
- 2006 Assessing Intermodal Transportation Planning at State Departments of Transportation

- (with Joseph Szyliowicz, Tim Vowles, and G. Stephen Taylor). Paper presented at the National Urban Freight Conference, Long Beach, CA, Feb. 1, 2006.
- 2005 Geographic Perspectives on Denver and Colorado: Urban, Economic, and Transportation Perspectives. Panel presentation at Association of American Geographers national meeting, Denver, Colorado, April 5, 2005.
- 2005 Assessment of Intermodal Planning at State Departments of Transportation (with Joseph Szyliowicz, Tim Vowles, and G. Stephen Taylor). Poster presented at annual meeting of the Transportation Research Board, Washington, DC, January 10, 2005.
- 2005 Large-Scale Street Geometry and Traffic Congestion (with Gordon Brown and Steven Roulac). Poster presented at annual meeting of the Transportation Research Board, Washington, DC, January 10, 2005.
- 2004 Invited presentation, Air Transport Globalization, Liberalization, and Sustainability: Post-2001 Industry and Policy Dynamics in the United States and Europe. Paper presented at McGill University conference, 'Current Challenges in International Aviation,' September 25, 2004.
- 2004 Invited presentation, Air transport globalization, liberalization and sustainability: post-2001 policy dynamics in the United States and Europe (with Brian J. Graham). Paper presented at Association of American Geographers national meeting, Philadelphia, Pennsylvania, March 19, 2004.
- 2004 Contemporary Dynamics of Transportation Costs on Steel Plant Location: A Global Perspective (with Ralph M. Smailer). Paper presented at Association of American Geographers national meeting, Philadelphia, Pennsylvania, March 18, 2004.
- 2003 Invited presentation, Air Transport Liberalization, Sustainability, and Post-9/11 Industry Dynamics: A Comparison of the United States and Europe (with Brian Graham). Paper presented for Sustainable Transport in Europe and Links and Liaisons with America (STELLA) Focus Group 1, European Science Foundation/National Science Foundation, Brussels, Belgium, April 25, 2003.
- 2003 What's Happening to Hubs?: Concentration or Dispersion of Airline Passenger Traffic in U.S. Urban Systems (with Timothy M. Vowles). Paper presented at Association of American Geographers national meeting, New Orleans, Louisiana, March 7, 2003.
- 2001 Invited presentation, Progress in Intermodal Passenger Transportation. Transportation Systems Conference, China Academy of Transportation Sciences and University of Denver Intermodal Transportation Institute, Denver, CO, June 20-21, 2001
- 2001 Invited presentation, Deregulation, Competition, and Antitrust Implications in the U.S. Airline Industry. Honorary Douglas K. Fleming lecture in Transportation Geography, Annual Meeting of the Association of American Geographers, New York, NY, February 2001.
- 2001 Metropolitan Planning Organizations: An Assessment of the Transportation Planning Process. Annual Meeting of the Association of American Geographers, New York, NY, February 2001.
- 2000 Interdisciplinary Approaches to Intermodal Transportation. Industrial Engineering Research Conference (IERC), Cleveland, OH, May 23, 2000.
- 2000 Ethics in Transportation. Panelist on Workshop sponsored by the National Center for Intermodal Transportation and University of Denver Intermodal Transportation Institute. Denver, CO, April 25, 2000.



- 2000 Metropolitan Planning Organizations: An Assessment of the Transportation Planning Process (with Paul Stephen Dempsey and Carl Larson). Denver Regional Council of Governments, Denver, CO, April 19, 2000.
- 2000 "Pockets of Pain" Across the Deregulated Landscape: The Geography of U.S. Airline Fares and Service in the 1990s (with Timothy M. Vowles). Annual Meeting of the Association of American Geographers, Pittsburgh, PA, April 7, 2000.
- 2000 Airline Deregulation Twenty Years After: Effects on Small Community Service and Pricing (with Steven R. Hick). Annual Meeting of the Association of American Geographers, Pittsburgh, PA, April 7, 2000.
- 2000 Transportation Planning Processes in Metropolitan Planning Organizations: Success or Failure? (with Paul Stephen Dempsey). Annual Meeting of the Transportation Research Board, Washington, DC, January 10, 2000.
- 1999 Air Transportation and Urban Hierarchies in the Era of Deregulation (with Christopher J. Sutton). Annual Meeting of the Association of American Geographers, Honolulu, Hawaii, March 26, 1999.
- 1999 Invited presentation, Transportation Geography (with Bruce A. Ralston and Frederick P. Stutz). Annual Meeting of the Association of American Geographers, Honolulu, Hawaii, March 24, 1999.
- 1999 Invited presentation, Air Transport Liberalization and Environmental Sustainability: A Comparison of the United States and Europe (with Brian J. Graham). Social Change and Sustainable Transport Conference, National Science Foundation and European Science Foundation, Berkeley, California, March 12, 1999.
- 1998 Invited colloquium presentation, A Place Called DIA: The Story of Denver's Field of Dreams. University of Colorado at Boulder, Department of Geography, September 25, 1998.
- 1998 Invited Discussant for Transportation Geography Specialty Group Session, Transport Terminals: New Perspectives. Association of American Geographers Annual Meeting, Boston, Massachusetts, March 27, 1998.
- 1998 Invited Panelist for Science, Technology, and Human Development Session at Fourth Annual Provost Conference, A Sustainable World? Issues of Equity, Economics, and the Environment: Implications for the University of Denver in the 21<sup>st</sup> Century, February 19, 1998.
- 1998 International Air Transportation Panel Session. Annual Transportation Research Board Meeting, Washington, DC, January 1998.
- 1997 Invited Panelist, North American Intermodal Transportation Summit, Denver, Colorado, October 17, 1997.
- 1997 Invited presentation, A Place Called DIA: The Story of Denver's Field of Dreams. Sigma Xi Honorary Society, University of Denver, October 10, 1997.
- 1996 Invited presentation, A Place Called DIA: The Story of Denver's Field of Dreams. Invited Keynote Address. Great Plains/Rocky Mountain Regional Meeting of the Association of American Geographers, September 1996.
- 1996 Air Transportation, Airports, and Growth in the U.S. Urban System (with Christopher J. Sutton). Annual Meeting of the Association of American Geographers, Charlotte, North Carolina, April 1996.
- 1996 Invited Panelist for Transportation Geography Specialty Group Session, Are We Missing

- the Train, Plane, Bus, Boat?: Opportunities in Applied Transportation Geography. Charlotte, NC, April 1996.
- 1995 From Deregulation to Globalization: Reconciling Domestic and International Aviation Policies in the U.S., Australia, and Across the Pacific. Annual Meeting of the Association of American Geographers, Chicago, Illinois, March 1995.
- 1994 The Geography of Air Service Frequencies and Pricing at U.S. Cities in the Era of Deregulation. Australian Bureau of Transport Communication and Economics, Canberra, ACT, Australia, December 1994.
- 1994 Revisiting Planning and Decision-Making Theory: The Case of the New Denver International Airport. Annual Meeting of the Association of American Geographers, San Francisco, California, April 1994.
- 1993 Invited Panelist on International Video Conference, Transport Developments and Global Climate Change. Essen, Germany, November 17, 1993.
- 1993 The Geography of U.S. Airline Deregulation. Annual Meeting of the Association of American Geographers, Atlanta, Georgia, April 1993.
- 1992 Geographic Patterns of Air Service Frequencies and Pricing at U.S. Hub Cities. Annual Meeting of the Transportation Research Forum, St. Louis, Missouri, October 1992.
- 1992 Marketing: Travel Agents, Computer Reservations Systems, Antitrust. Airlines, Airports, and Aviation Conference, Sponsored by the Smithsonian Institution's National Air and Space Museum and the University of Denver, Washington, D.C., May 1992.
- 1992 The Geography of Deregulation: The Case of the U.S. Domestic Airline Industry. 34th Annual Conference of the Western Social Science Association, Denver, Colorado, April 1992.
- 1992 Conceptual, Strategic, and Geographical Issues Involving U.S. Airline Hub Cities: Comparisons Between Domestic Hubs and International Gateways. Annual Meeting of the Association of American Geographers, San Diego, California, April 1992.
- 1991 Air Passenger Transportation and Growth in the U.S. Urban System: 1950-1987. Annual Meeting of the Association of American Geographers, Miami, Florida, May 1991.
- 1990 The Canadian and U.S. Experiences with Airline Deregulation. Annual Meeting of the Association of American Geographers, Toronto, Ontario, Canada, April 1990.
- 1989 Invited colloquium presentation, Airline Deregulation: In Search of a Better Solution. Department of Geography, Arizona State University, Tempe, Arizona, December 1989.
- 1989 Airline Deregulation Ten Years After: Something Foul in the Air. Annual Meeting of the Association of American Geographers, Baltimore, Maryland, April 1989.
- 1988 Small Community Air Service in Colorado, 1977-1987. Rocky Mountain/Great Plains Regional Meeting of the Association of American Geographers, Colorado Springs, Colorado, September 1988.
- 1988 Air Service in an Era of Deregulation: City Pair Analysis of Nonstop and One-Stop Service, 1977-1987. Annual Meeting of the Association of American Geographers, Phoenix, Arizona, April 1988.
- 1987 Air Service in an Era of Deregulation: Disaggregate Hub Analysis in Northeastern Ohio. Annual Meeting of the Association of American Geographers, Portland, Oregon, April 1987.
- 1987 Deregulation and Air Service to Small and Medium-Sized Communities in Northern Ohio: 1975-1985. East Lakes Regional Meeting of the Association of American

- Geographers, East Lansing, Mich., October 1986.
- 1986 The Effect of Airline Deregulation on Air Service to Small and Medium-Sized Cities. Annual Meeting of the Association of American Geographers, Minneapolis, Minn., May 1986.
- 1985 On the Status of Intercity Passenger Rail in the United States. East Lakes Regional Meeting of the Association of American Geographers, Indiana, Pa., October 1985.
- 1985 The Effect of Rail Transit on the Spatial Distribution of Population and Land Values in Cleveland, Ohio: 1950-1980. Annual Meeting of the Association of American Geographers, Detroit, Mich., April 1985.
- 1984 The Effect of Rail Transit on the Spatial Distribution of Population in Cleveland, Ohio. East Lakes Regional Meeting of the Association of American Geographers, Waterloo, Ontario, Canada, November 1984.

### **Book Reviews**

- Goetz, Andrew R. 2018. Book Review of *Pioneer in regional planning, transport and urban geography*, Sir Peter Hall, R. Knowles and C. Rozenblatt, (Eds.), SpringerBriefs on Pioneers in Science and Practice. *Journal of Transport Geography* 66: 376-377.
- Goetz, Andrew R. 2014. Book Review of *The Economics and Politics of High-Speed Rail: Lessons from Experiences Abroad*, by D. Albalade and G. Bel. *Journal of Transport Geography* 35: 158-159.
- Goetz, Andrew R. 2010. Review of *The Geography of Transport Systems*, Second Edition by Jean-Paul Rodrigue, Claude Comtois, and Brian Slack. *Economic Geography* 86(3): 321-322.
- Goetz, Andrew R. 2010. Review of *The Future of Intermodal Freight Transport: Operations, Design, and Policy*, Rob Konings, Hugo Priemus, and Peter Nijkamp, eds. *The Professional Geographer* 62(2): 298-300.

### **Other Publications—White Papers, Research Reports and Conference Proceedings**

- 2019 Goetz, Andrew R. and Serena Alexander. Urban Goods Movement and Local Climate Action Plans: Assessing strategies to reduce greenhouse gas emissions from urban freight transportation. White Paper, Mineta Transportation Institute, January 2019.
- 2016 Goetz, Andrew R., Andrew E.G. Jonas, and Sylvia Brady. Innovative Approaches to Improved Intermodal Transportation Infrastructure Funding and Financing through Public-Private Partnerships: A Denver Case Study. National Center for Intermodal Transportation for Economic Competitiveness, September 2016. Available at: <http://www.ncitec.msstate.edu/wp-content/uploads/2012-19FR.pdf>
- 2016 Goetz, Andrew R., Keith Ratner, Julie Cidell, Michael Minn, and Sylvia Brady. Passenger Rail and Freight Rail Partnerships: Case Studies in Boston, Chicago, and Denver. National Center for Intermodal Transportation for Economic Competitiveness, October 2016.
- 2014 Goetz, A. R. International experiences with high-speed rail and implications for the USA. Regional Science Association International Newsletter, pp. 18-20, May 2, 2014.
- 2013 Perl, Anthony D. and Andrew R. Goetz. High-Speed Passenger Rail: Considering Where the US Has Come From and Where the World Is Going. White Paper, Intermodal Transportation Institute and National Center for Intermodal Transportation, University of

- Denver, March 2013.
- 2011 Goetz, Andrew R., Andrew E.G. Jonas, and Sutapa Bhattacharjee. Regional Collaboration in Transport Infrastructure Provision: The Case of Denver's FasTracks Rail Transit Program. National Center for Intermodal Transportation.
- 2010 Carmichael, Gilbert E., Thomas L. Finkbiner, Andrew R. Goetz, Lawrence H. Kaufman, and Patrick Sherry. Comments on the National Rail Plan Proposed by the USDOT Federal Railroad Administration. White Paper, Intermodal Transportation Institute and National Center for Intermodal Transportation, University of Denver, August 2010.
- 2010 Goetz, Andrew R. and Timothy Vowles. 2010. A Hierarchical Typology of Intermodal Air-Rail Connections at Large Airports in the United States. National Center for Intermodal Transportation.
- 2010 Ratner, Keith and Andrew R. Goetz. 2010. The Reshaping of Land Use as a Result of Transit-Oriented Development. National Center for Intermodal Transportation.
- 2007 Goetz, Andrew R. and Sean Tierney. 2007. Denver International Airport Area Residents Study. Denver: University of Denver Center for Travel and Tourism and Denver International Airport.
- 2007 Goetz, Andrew R. and Sutapa Bandyopadhyay. 2007. Regional Development Impacts of Trade Corridors: Recent Experiences from the United States. Canada's Asia-Pacific Gateway Corridor Initiative.
- 2006 Sherry, Patrick, Joseph S. Szyliowicz, Andrew R. Goetz, and Paige McCarley. 2006. A Case Study of the Intermodal Issues Facing the Puget Sound Region and the Port of Seattle. NCIT Report.
- 2004 Goetz, Andrew R.; Joseph S. Szyliowicz; Timothy M. Vowles; and G. Stephen Taylor. 2004. *Assessing Intermodal Transportation Planning at State Departments of Transportation*. Denver: National Center for Intermodal Transportation.
- 2002 Sherry, Patrick; Joseph S. Szyliowicz; Anthony Perl; & Andrew R. Goetz. 2002. Intermodal Issues Facing the Seattle Region. APEC/TPTWG: Singapore.
- 2000 Dempsey, Paul Stephen, Andrew R. Goetz, and Carl Larson. 2000. *Metropolitan Planning Organizations: An Assessment of the Transportation Planning Process, A Report to Congress, Volumes I, II, and III*. Denver: University of Denver Intermodal Transportation Institute and National Center for Intermodal Transportation.
- 1999 Goetz, Andrew R. and Brian J. Graham. 1999. Air Transport Liberalization and Environmental Sustainability: A Comparison of the United States and Europe. Proceedings of the Social Change and Sustainable Transport Conference, National Science Foundation and European Science Foundation, Berkeley, California, March 10-13, 1999.
- 1996 Goetz, Andrew R., Joseph S. Szyliowicz, and Paul Stephen Dempsey. 1996. Transportation and International Sustainable Development: A Preliminary Conceptualization and Application. OECD Conference Proceedings, "Towards Sustainable Transportation" Vancouver, March 24-27.

### **Distinctions, Honors, and Awards**

Honorary Member, Steering Committee, International Geographical Union Commission on Transport and Geography, 2020-  
 Malcolm L. Comeaux Honorary Lecture in Geography, School of Geographical Sciences and

Urban Planning, Arizona State University, March 27, 2018.

Senior Visiting Fellowship at the Institute of Advanced Studies of the Alma Mater Studiorum University of Bologna. November-December 2017.

Honorary Brian Hoyle Lecture in Transport Geography, Transport Geography Research Group, Royal Geographical Society with the Institute of British Geographers, London, UK, August 29, 2013.

Robert Gabler Honorary Lecture in Geography, Western Illinois University, Macomb, Illinois, March 18, 2013.

Invited Keynote Speaker, XIV Annual Conference of the Association of Italian Transport Economists, University of Bari, Italy, June 28, 2012.

2010 Edward L. Ullman Award for Significant Contributions to Transportation Geography, Transportation Geography Specialty Group, Association of American Geographers.

Invited Keynote Speaker, BIVÉC/GIBET (Association of Benelux Transport Economists) Annual Research Day, May 27, 2009.

Invited Plenary Speaker, First Congress of the Ibero-American Network of Air Transport Research (RIDITA), Buenos Aires, Argentina, November 13, 2007

Senior Visiting Fellowship, Institute for Advanced Studies, University of Bologna, Italy, Fall 2001

Sabbatical Proposal Enhancement Award, Office of the Provost, University of Denver, March 2001

Douglas K. Fleming Honorary Lecture in Transportation Geography, Annual Meeting of the Association of American Geographers, New York, NY, February 2001

Elected Board Member, Transportation Geography Specialty Group, Association of American Geographers, 1999-2001

Elected Chair, Transportation Geography Specialty Group, Association of American Geographers, 1996-1998

Invited Keynote Speaker, Great Plains/Rocky Mountain Regional Meeting of the Association of American Geographers, Greeley, CO, September 1996

Certificate of Appreciation, Optimist International, May 4, 1995

Delta Nu Alpha Transportation Fraternity Award of Recognition in Support of Transportation Education, 1992

International Geographical Union/Commission on Geographical Education, Recognition of Commitment to the Commission's Activities, 1992

Elected Secretary-Treasurer, Transportation Geography Specialty Group, Association of American Geographers, 1991-1995

Elected Newsletter Editor, Transportation Geography Specialty Group, Association of American Geographers, 1991-1993

Outstanding Faculty Award, Department of Geography, University of Denver, 1990

Elected Board Member, Transportation Geography Specialty Group, Association of American Geographers, 1989-1991

## **TEACHING ACTIVITIES**

### **Courses Taught**

#### **University of Denver**

Department of Geography & the Environment: First-Year Seminar on Metropolitan Denver;

Cities and Civilization; Global Issues; Foundations of Social Science: Geography; People, Places, and Landscapes; Economic Geography; World Regional Geography; Geographic Statistics; Foundations of Geography; World Cities; Urban Geography; Urban Landscapes; Urban and Regional Planning; Land Use Planning, Policy, and Urban Growth; Urban Transportation Planning; Sustainability & Transportation; Transportation & Mobilities; Air Transportation and Tourism; Geographic Research Methodology; Undergraduate Independent Studies; Graduate Seminar in Geography; Graduate Seminar in Industrial Geography; Graduate Seminar in Urban, Economic, and Transportation Geography; Graduate Independent Studies

Intermodal Transportation Institute: Introduction to Transportation Systems; Air Passenger Transportation; Transportation Planning; Passenger Transportation Systems; Research Methods in Intermodal Transportation; Transportation Planning, Policy, and Ethics

Josef Korbel School of International Studies (JKSIS): Economic Geography

University of Bologna/University of Denver International Center for Civic Engagement: CORE 2487 From the City to the Coast: Urban and Environmental Issues in Italy, INTS 3981 Democracy & City Practicum

University of the Chinese Academy of Sciences: Transportation, Economic Growth, and Urban Development

### **Graduate Student Supervision**

#### *Doctoral Advisees*

Sylvia Brady, PhD 2019. Dissertation Title: The Changing Role of Public-Private Partnerships in Urban Transportation: A Case Study of the Rise of P3s in Denver, CO. Current position: Lecturer, Metropolitan State University of Denver.

Sharon Gabel, PhD 2014. Dissertation Title: Future Work: Denver Metropolitan Area Jobs in a Globalizing Economy. Current position: Senior HR Analyst, ProBuild Holdings, Denver, CO.

Amanda Weaver, PhD 2013. Dissertation Title: Fresh Squeezed: The Dilemma of Local Food Production Space and Distribution in Colorado. Current position: Senior Instructor, Department of Geography and Environmental Sciences, University of Colorado-Denver.

Sutapa Bhattacharjee, PhD 2013. Dissertation Title: Impact of Rail Transit on the Denver Metro Region: Transportation and Land use. Current position: Principal Transportation Planner, Systems Planning, North Jersey Transportation Planning Authority.

Sean Tierney, Ph.D. 2010. Dissertation Title: Emergent Geographies in Green Energy. Current position: Adjunct Professor, Department of Geography & the Environment, University of Denver.

Hilary Lopez, Ph.D. 2005. Dissertation Title: Housing Affordability in Western U.S. Cities. Current position: Chief of Federal Programs, Nevada Housing Division, Carson City, Nevada.

Keith Ratner, Ph.D. 2001. Dissertation Title: The Relationship of United States Rail Transit Development and Success with Urban Population, Employment, and Congestion Characteristics. Current position: Professor, Department of Geography, Salem State University, Salem, MA.

Timothy Vowles, Ph.D. 2000. Dissertation Title: The Spatial Impacts of Southwest Airlines on Air Traffic Patterns and Pricing in the United States. Current position: Lecturer,

Department of Geography, GIS and Sustainability, University of Northern Colorado,  
Greeley, Colorado.

- Richard Dodge, Ph.D. 1999. Dissertation Title: Colorado Migration and the 'Mobility Transition': 1955-1995.
- Jeff Engelstad, Ph.D. 1997. Dissertation Title: Hazardous Waste Sites and Nearby Residential Populations in Metropolitan Denver: Implications for Environmental Justice within the Framework of Industrial Location and Residential Change. Current position: Clinical Professor, Franklin K. Burns School of Real Estate and Construction Management, Daniels College of Business, University of Denver, Denver, CO.
- Paul Marr, Ph.D. 1996. Dissertation Title: Spatial Patterns and Socioeconomic Factors Related to Health in the Denver Metropolitan Area. Current position: Professor, Department of Geography, Shippensburg University, Shippensburg, PA.
- Christopher Sutton, Ph.D. 1995. Dissertation Title: Land Use Impacts Resulting from Beltway Construction: the Denver Model. Current position: Professor, Department of Geography, Western Illinois University.

*Masters Degree Advisees*

- Matt Hugel, MS-GIS 2020. Project Title: Improving Transportation Planning Practices with GPS Trajectory Data.
- Daniel Zimny-Schmitt, MA 2018. Thesis Title: An Investigation of the Performance of Urban Rail Transit Systems on the Corridor Level: A Comparative Analysis in the American West.
- Meghan Mooney, MA 2015. Thesis Title: Pedestrian Mobility in Denver: A Mixed Methods and Qualitative GIS Approach.
- Stephen Rijo, MA 2015. Thesis Title: Economic and Traffic Impacts Following the Installation of New Bicycle Facilities: A Denver Case Study
- Heidi Rolander-Peterson, MA 2008. Thesis Title: Living or Dying? Downtowns in Small Midwestern Towns.
- Elthron Anderson, MS-GIS 2008. Project Title: Face Recognition Technology and GIS Applications.
- Shitij Mehta, MS-GIS 2007. Project Title: Traffic Visualization and Microsimulation in Support of Work Zone Mobility and Safety.
- Michael Alonzo, MA 2007. Thesis Title: Rural vs Rural: An Examination of the Disparities in Health Care Provision Among Colorado's Rural Communities.
- Christine Richter, MA 2005. Thesis Title: Gated Communities in the Denver-Boulder Metropolitan Area.
- Jared Long, MA 2005. Thesis Title: Toward a New Urban Form: Lessons Learned from Stapleton and Belmar.
- Jeffrey Gockley, MS-GIS 2005. Project Title: Traveler Routing Information Program.
- Amy Keeley, MA 2001. Thesis Title: The Use of Urban Trails and Adjacent Land Use, Socioeconomic Characteristics, and Trail Design: A Denver Case Study.
- Catherine Dwyer, MA 1993. Thesis Title: Mandatory School Desegregation and Its Impact on Urban Demographics: A Case Study of Denver, Colorado.
- Christa Curtis, current MA student.
- Christiana Fairfield, current MA student.

Graduate Student Committees: PhD degree recipients (since 2011)

- 2020: Nikolai Alvarado (Geography & the Environment), Zhuo Chen (University of Illinois, Urbana-Champaign)  
2018: Sarah McCall (Geography & the Environment)  
2017: Sina Parhizi (Electrical and Computer Engineering)  
2016: Briana Hedman (Education)  
2015: Amir Haji Abdullah (University of Hull, UK), Jacqueline Arriaga (Education), Amir Siraj (Geography)  
2014: Allison Bondanza (Education), Glenn Capodagli (Chemistry), Elizabeth Mazzotta (Education), Rachel Mulholland (Education)  
2012: David Mayen (International Studies), Derek Levine (International Studies)

Graduate Student Committees: Masters degree recipients (since 2011)

- 2017: Ryan Keeney (Geography), Christopher Wellons II (Electrical and Computer Engineering), Thomas Cashel III (Electrical and Computer Engineering)  
2016: Nick Gilroy (Geography)  
2015: Tali Grumet (International Studies), Semih Oktay (International Studies), Walter Scheib (Geography), Brandon Weiland (Economics)  
2014: Taylor Hafley (Geography)  
2013: Sylvia Brady (Geography), Greg Kwoka (Geography)  
2012: Evan Burton (Geography), Dan Kasper (Geography), Samantha Lester (Geography)  
2011: Greg Chase (Geography), Jonathan Moore (International Studies), Nathan Vasher (International Studies)

**Other Teaching-Related Activity**

- Core course coordinator, SOCS 1110 Foundations of Social Science: Geography, 1997-2001  
Core course coordinator, SOCS 0450/1103: Global Issues, 1991-2001  
Intermodal Transportation Institute, Curriculum Workshop to develop new Masters Program in Intermodal Transportation, August 1997  
Development and establishment of new social science core courses, SOCS 1110 Foundation of Social Science: Geography, 1996-97 and SOCS 0450: Global Issues, 1990-91  
Core course coordinator, SOCS 0400: Cities and Civilization, 1990-91

**SERVICE ACTIVITIES**

**Professional Service for Journals and Academic Organizations**

- Treasurer, Commission on Transport and Geography, International Geographical Union, 2013-  
Network on European Communication and Transport Activities Research (NECTAR), Scientific Committee for Cluster 1, 2009-  
Editorial Board, *World Review of Intermodal Transportation Research*, 2006-  
Editorial Board, *Journal of Transport Geography*, 1992-  
Editorial Board, *Transport Reviews*, 2010-2020  
American Association of Geographers, Publications Committee, 2015-2018  
U.S. Representative, Commission on Transport and Geography Steering Committee, International Geographical Union, 2009-2017



Associate Editor, *Journal of Transport Geography*, 2004-2012  
 Chair, Association of American Geographers Transportation Specialty Group, 1996-98  
 Board Member, Association of American Geographers, Transportation Specialty Group, 1989-95, 1999-2001  
 Secretary-Treasurer, Association of American Geographers, Transportation Specialty Group, 1991-1995  
 Newsletter Editor, Association of American Geographers Transportation Specialty Group, 1991-93  
 Manuscript Reviewer, *Transportation Research Record (Journal of the Transportation Research Board)*, *Journal of the American Planning Association*, *Transportation Research Part D*, *Transport Reviews*, *Housing Policy Debate*, *World Review of Intermodal Transport Research*, *Journal of Environmental Policy and Planning*, *Journal of Transport Geography*, *Journal of Urbanism*, *Urban Affairs Review*, *Review of Regional Studies*, *International Journal of Transport Economics*, *Transportation*, *Geographical Review*, *Transportation Research Part D*, *Utilities*, *Transportation Research Part A*, *Publius: Journal of Federalism*, *Cities*, *International Journal of Transport Economics*, *Networks and Spatial Economics*, *Environment and Planning A*, *Territory Politics and Governance*, *Research in Transportation Business & Management*, *Urban Geography*, *Annals of the American Association of Geographers*, *Professional Geographer*, *Economic Geography*, *Growth and Change*, *Journal of Applied Geography*, *Policy Studies Review*, *Urban Affairs Review*, *World Review of Intermodal Transportation Research*, *Urban Studies*, *Research in Transportation Economics*  
 Senior Panel Reviewer, National Science Foundation, Geography and Spatial Science panel, 2013-2016  
 Proposal Reviewer: 1) National Science Foundation, 2) Transportation Research Board  
 Reviewer for many book manuscripts  
 Reviewer for many tenure and promotion cases at other universities  
 Served on PhD Committees for: 1) University of Colorado, Boulder, 2) University of Hull (UK), 3) University of Illinois, Urbana-Champaign  
 Reviewed Masters thesis for National University of Singapore  
 Academic program reviewer

### **Professional Organization Memberships**

American Association of Geographers  
 --Transportation Geography Specialty Group  
 --Urban Geography Specialty Group  
 --Economic Geography Specialty Group  
 Network on European Communication and Transport Activities Research (NECTAR)  
 --Scientific Committee, Cluster 1: Transport Infrastructure Impacts and Evaluation  
 International Geographical Union  
 --Committee on Transportation and Geography  
 Transportation Research Board  
 Transportation Research Forum  
 Air Transport Research Society  
 Colorado Rail Passenger Association

### **Paper and Panel Sessions Organized at Professional Meetings**

- Case Studies in Passenger Rail and Freight Rail Partnerships (with Michael Minn). Paper session at the Annual Meeting of the American Association of Geographers, Boston, MA, April 8, 2017.
- The relationships between airport-driven impacts and urban areas' social-spatial patterns (with Frederic Dobruszkes). Paper sessions at the Annual Meeting of the American Association of Geographers, Boston, MA, April 7, 2017.
- California High-Speed Rail: Progress and Prospect (with Karen Philbrick). Workshop panel, American Association of Geographers annual meeting, San Francisco, California, March 29, 2016.
- Air Transport Geographies: Comparing Europe and North America I and II (with Frederic Dobruszkes). Paper sessions at the Annual Meeting of the Association of American Geographers, Chicago, Illinois, April 24, 2015.
- The FasTracks Rail Transit Program 10 Years After the Vote. Rocky Mountain Land Use Institute Conference, University of Denver Sturm College of Law, Denver, CO, March 13, 2015.
- Cities, Sustainability, and Transportation I, II, III (with Andrew E.G. Jonas and Stephen Hall). Paper sessions at the Annual Meeting of the Association of American Geographers, Los Angeles, California, April 13, 2013.
- High-Speed Rail in America: Promise and Peril (with Michael Minn). Panel session at the Association of American Geographers annual meeting, New York City, February 26, 2012.
- Rail Transit Systems I and II. Paper sessions at the Annual Meeting of the Association of American Geographers, Washington, DC, April 17, 2010.
- NECTAR Cluster 1 Networks paper session. Biennial Conference of NECTAR (Network on European Communications and Transport Activities Research), Arlington, Virginia, June 18-20, 2009.
- The Freeway Revolt Era: Lessons from the Freeway Revolts in San Francisco and other Cities in the 1960s and 1970s. Panel session. Annual Meeting of the Association of American Geographers, San Francisco, California, April 21, 2007.
- Program Committee Co-Chair for Association of American Geographers Annual Meeting held in Denver, April 5-9, 2005
- Geographic Perspectives on Denver and Colorado. Panel session. Annual Meeting of the Association of American Geographers, Denver, CO, April 5, 2005.
- Re-Exploring the Interface between Economic Geography and Transport Geography. Economic Geography and Transportation Geography Specialty Groups Sessions (1 panel and 3 paper sessions). Co-organized with Peter V. Hall, Markus Hesse, and Jean-Paul Rodrigue. Annual Meeting of the Association of American Geographers, Philadelphia, PA, March 18, 2004.
- Air Transportation: Entrepots, Hierarchies, and Economic Impacts. Transportation Geography Specialty Group Session, Annual Meeting of the Association of American Geographers, New York, NY, February 28, 2001.
- Air Transportation: Liberalization and Airline Strategies. Transportation Geography Specialty Group Session, Annual Meeting of the Association of American Geographers, Pittsburgh,

- PA, April 8, 2000.
- Air Transportation: Service, Fares, and Impacts on Regional Economies and Local Land Use. Transportation Geography Specialty Group Session, Annual Meeting of the Association of American Geographers, Pittsburgh, PA, April 7, 2000.
- International Air Transportation Panel Session. Annual Transportation Research Board Meeting, Washington, DC, January 1998.
- The Geography of Transportation: Review and Comment.* Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Fort Worth, Texas, April 1997.
- Plenary Session co-sponsored by the Transportation Geography and Geography of Tourism, Recreation, and Sport Specialty Groups. Plenary Speaker, Robert A. Britton, Senior Vice-President, American Airlines. Annual Meeting of the Association of American Geographers, Fort Worth, Texas, April 1997.
- Air Transportation and Urban Functional Regions: Hinterlands, Hierarchies, and Growth. Special session co-sponsored by the Transportation Geography and Urban Geography Specialty Groups, Association of American Geographers, Charlotte, NC, April 1996.
- International Air Transportation: Commemorating the 50th Anniversary of the Chicago Convention. Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Chicago, Illinois, March 1995.
- Towards a Geography of Deregulation: Experiences From Recently Deregulated Industries. Industrial and Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Atlanta, Georgia, April 1993.
- Airline Hubs and Networks: Modeling and Policy Perspectives. Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, San Diego, California, April 1992.
- Air Transportation Flows, Corporate Control Centers, and Dominance in the Urban Hierarchy. Transportation and Urban Geography Specialty Groups Session. Annual Meeting of the Association of American Geographers, Miami, Florida, April 1991.
- Canadian and U.S. Transportation Systems: Interrelationships and Comparisons. Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Toronto, Ontario, Canada, April 1990.
- Ten Years of Airline Deregulation: A Retrospective Look. Transportation Geography Specialty Group Session. Annual Meeting of the Association of American Geographers, Baltimore, Maryland, March 1989.

### **Field Trips Organized**

- Touring the Boston Big Dig Project from the Water (with Keith Ratner). Annual Meeting of the American Association of Geographers, Boston, MA, April 5, 2017.
- Los Angeles Rail Transit. Annual Meeting of the Association of American Geographers, Los Angeles, April 12, 2013.
- Seattle Rail Transit. Annual Meeting of the Association of American Geographers, Seattle, April 15, 2011.
- Rail Transit and Transit-Oriented Development in Denver. Great Plains/Rocky Mountain Regional Meeting of the Association of American Geographers, Denver, September 2007.

Rail Transit and Transit-Oriented Development in Denver. Annual Meeting of the Association of American Geographers, Denver, April 7, 2005.  
Denver International Airport. Annual Meeting of the Association of American Geographers, Denver, April 6, 2005.  
Denver: The Urban Landscape of a Western Regional Center. International Geographical Union Geographic Education Symposium, Denver, June 1992.

### **Other Professional Service Activities**

Colorado Department of Transportation, State Freight and Passenger Rail Plan Working Group, 2016-2018

Colorado Department of Transportation, Statewide Freight Advisory Council, 2014-  
City and County of Denver Strategic Transportation Plan Advisory Committee, 2005-07  
Expert Advisory Committee, "West Toward Prosperity: Beyond Myth to a Sustainable Future," sponsored by Lincoln Institute of Land Policy, Sonoran Institute, Brookings Institution Metropolitan Policy Program, and University of Montana Public Policy Institute, Summer 2005

National Transportation Week Panel Session moderator, National Center for Intermodal Transportation. Freight Rail Realignment, May 11, 2005.

Organized public debate on Regional Transportation District FasTracks program, October 2004.

National Transportation Week Panel Session moderator. Expanding Transportation Capacity: Technology, Infrastructure, and Financing. May 12, 2004.

Colorado Statewide Freight Advisory Council, Colorado Department of Transportation, 2003-2007

Denver Regional Council of Governments, Advisory Panel, Integrated Regional Model, 2003-2004

Denver Regional Council of Governments, Transportation Advisory Committee, 2002-2003  
Transportation Systems Conference, China Academy of Transportation Sciences and Intermodal Transportation Institute, Denver, CO, June 2001

Invited Member, Sustainable Transportation Analysis and Research (STAR) Network, 2000-02

Invited Participant, 'Transportation in the Year 2025,' sponsored by Kenneth C. Wykle, Administrator, Federal Highway Administration, US Department of Transportation, Denver, CO, Summer 2000

Founding Fathers of Intermodal Transportation Conference and Oral History Program, Intermodal Transportation Institute, Aspen, CO, July 1999

'Just Transportation' Symposium on Environmental Justice in Transportation, Austin, TX, August 1999

North American Intermodal Transportation Summit, Intermodal Transportation Institute, Denver, CO, October 1997

Railroad Safety Symposium, Center for Transportation Studies, Denver, CO, March 1996

Founding Member, Intermodal Transportation Institute, 1996

Founding Member, Americans for Sound Aviation Policy, Washington, DC, 1993

Airport Planning Workshop, University of Texas, Austin, TX, May 1993

CASE Media Fellowship Program, 'Airlines and Airports in the 90s,' University of Denver, March 1993

Transportation Security Education Conference, U.S. Department of Transportation, Chicago, IL,

February 1993

Airlines, Airports, and Aviation Conference, Sponsored by the Smithsonian Institution National Air and Space Museum and the University of Denver, Washington, D.C., May 1992

Transportation Security Conference, Center for Transportation Studies, Denver, CO, March 1991

Founding Member, University of Denver Center for Transportation Studies, 1991

Quoted or interviewed by the following publications and media outlets: KDVR Fox 31 TV (Denver), KMGH Channel 7 (Denver), Denver Post, *Wall Street Journal*, Wired Magazine, Sierra Magazine, Colorado Public Radio/Colorado Matters program, 5280 Magazine, CBS News, The New Republic, KUNC Colorado Public Radio, Kinder Institute for Urban Research, Associated Press, Minneapolis Star-Tribune, Fox Business.com, Milwaukee Journal Sentinel, Japan Times, Japan Today, Columbus Dispatch (Ohio), Augusta Chronicle (Georgia), McDuffie Mirror (Georgia), MyMotherLode.com (California), Taipei Times online (Taiwan), Gainesville Sun (Florida), StarBanner.com (Florida), Seattle Times, Caribbean Business online (Puerto Rico), Product Design and Development (US), San Mateo Daily Journal (California), Fort Worth Star Telegram (Texas), Macon Telegraph (Georgia), Kentucky.com, Tri-City Herald online (Washington), Merced Sun-Star (California), Vida en el Valle (California), Sacramento Bee, Charlotte Observer, Individual.com, WNYT New York, Chicago Daily Herald, Greenfield Daily Reporter (Indiana), KAAL TV.com (Minnesota), Demanjo (Canada), Finance & Commerce (US), Daily Breeze (California), Redlands Daily Facts (California), Inland Valley Daily Bulletin (California), High Country News, Atlantic Cities, Source Media, Inbound Logistics, The Economist, Bloomberg News, USA Today, MSNBC, MacNeil-Lehrer NewsHour, National Public Radio, Cable News Network (CNN), *Christian Science Monitor*, *Traffic World*, *In These Times*, Minnesota Public Radio, Colorado Public Radio, Los Angeles Times, Dallas Morning News, Seattle Times-Reporter, Baltimore Sun, Pittsburgh Post-Gazette, Pittsburgh Tribune-Review, New Orleans Times-Picayune, Denver Rocky Mountain News, Fort Worth Star-Telegram, Tacoma News Tribune, Charleston Daily Mail, Hackensack, NJ Record, KWGN-TV (Denver), Denver Business Journal, KOA-AM Radio (Denver), KCNC-TV (Denver), KOSI-FM Radio (Denver), KHOW-AM Radio (Denver), Boulder Daily Camera

### **University of Denver Service Activities**

Scrivner Institute of Public Policy, Faculty Advisory Committee, 2019-

Scrivner Public Policy Institute, Planning Task Force, 2018-2019

Urban Studies Minor Program, Faculty Committee, 2003-

IRISE Postdoctoral Fellow Mentoring Committee, 2014-18

Sustainability Council Curriculum & Research committee, 2012-15

Intermodal Transportation Institute, Education Committee, 2004-14

Interdisciplinary Incubator Committee, 2012-13

Interdisciplinary Strategic Positioning Committee, 2011

Search Committee, Assistant Vice-Provost for Internationalization, 2010

Faculty Advisory Committee, Intercultural Global Studies minor program, 2010-11

Search Committee, Dean of Natural Sciences and Mathematics Division, 2006-2007

Teaching Task Force, Winter-Spring 2005

Intermodal Transportation Institute, Admission Committee, 2005-07

Penrose Library Liaison for Intermodal Transportation Institute, 1999-2008  
Associate Director, Intermodal Transportation Institute, 1996-2001  
Workshop on Community-Based Research, Colorado Springs, CO, February 2001  
Geography Department Representative, Foundational Component of the Social Science Core Curriculum Committee, 2000  
Intermodal Transportation Institute Masters Degree Program Curriculum Workshop, Denver, CO, August 1997  
Associate Director, Center for Transportation Studies, 1991-1996  
Working Group on Transportation, Strategic Initiatives Consolidation Relative to the Academic Strategic Planning Process, 1994-1995  
Working Group on University Internationalization, 1991-1993  
Faculty Board of Advisors, Center for Transportation Studies, 1991-1992  
Committee for the establishment of the Center for Transportation Studies, 1990-1991  
International Studies Undergraduate Major Advisory Group, 1991-1992  
Task Force on International Programs, 1990-1991  
Core Curriculum Teaching Award Committee, 1990-1991  
Moderator and Participant in College Bowl Tournament, 1990-1991

*Natural Science and Mathematics Division*

Chair, Department of Geography & the Environment, January-December 2008, January 2010-June 2016  
Molecular Life Sciences Initiative Faculty Committee, 2006-  
Natural Science and Mathematics Promotion and Tenure Committee, 2004-2007  
Natural Science, Mathematics, and Engineering Faculty Committee, 1988-1992

*Department of Geography & the Environment Service Activities*

Chair, January-December 2008, January 2010-June 2016  
Director, Graduate Programs, 1995-2007  
Chair, Faculty Search Committee, 2006-2007  
Mid-Tenure Review Committee, 2006-2007  
Chair, Faculty Search Committee, 2005-2006  
Mid-Tenure Review Committee, 2005-2006  
Chair, Tenure and Promotion Committee, 2004-2005  
Chair, Faculty Search Committee, 2002-2003  
Chair, Faculty Search Committee, 1998-1999  
Undergraduate Program Advising and Recruiting, 1991-1995  
Penrose Library Liaison, 1988-1995  
Chair, Tenure and Promotion Committee, 1993-1994  
Tenure and Promotion Committee, 1991-1992, 1997-1998  
Equipment and Truck Manager, 1987-1991  
Organizer of Visiting Speaker Series, 1987-1989

**Community Service Activities**

Colorado Department of Transportation, Statewide Freight Advisory Council, 2013-  
Colorado Rail Passenger Association, 2014-

Colorado Department of Transportation State Freight and Passenger Rail Plan Working Group, 2017-2018.

Osher Lifelong Learning Institute (OLLI). Transport Revolutions: Moving Goods and People in Today's World, August 6, 2014.

Rail Transit Expansion in Denver, Invited presentation for Retired Faculty group, University of Denver, December 21, 2012.

Population Migration in Colorado. Invited presentation to Ricks Center School, Denver, CO, 2012.

'Living in Aerotropolis: Attitudes of Residents Who Live in Communities Near Airports. Invited presentation for Kiwanis Club, Lakewood, Colorado, November 20, 2008.

'DIA: Lessons Learned.' Invited presentation for Kiwanis Club, Lakewood, Colorado, February 15, 2007.

City and County of Denver, Strategic Transportation Plan Advisory Committee, 2005-2007

Colorado Department of Transportation, Statewide Freight Advisory Council, 2003-2007

Denver Regional Council of Governments, Advisory Panel, Integrated Regional Model, 2003-2004

Denver Regional Council of Governments, Transportation Advisory Committee, 2001-2002

Colorado Department of Transportation, Intermodal Transportation Advisory Group, 2001

Denver International Airport Community Focus Group, 1998-2001

Colorado Department of Transportation, Environmental and Economic Criteria Review Panel, 1998-1999

'Air Transportation, Airports, and DIA.' Invited lecture for Happy Canyon Optimist Club, Denver, Colorado, May 4, 1995.

Colorado State Geography Bee, Final Round Judge, 1991-1998, 2001-2003, 2005, 2007, 2008, 2012-2015.