

Bradley J. Flamm
Curriculum Vitae
Fall 2011

Education

- PhD **University of California, Berkeley**
City and Regional Planning, December 2006
Examination Fields: Transportation Planning, Transportation and Energy, Planning Theory
- MRP **Cornell University**, Ithaca, New York
City and Regional Planning, 1992
- BA **University of California, Berkeley**
Political Science, 1984 (with Highest Honors)
University of Bordeaux III, Talence, France
University of California Education Abroad Program, 1982-83

Research and Teaching Interests

- Environmental Impacts of Transportation Systems and Travel Behavior
- Knowledge, Attitudes, and Travel Behavior Relationship
- Shared and Non-motorized Transportation Planning
- Suburbanization and Sustainability
- Municipal Planning and Greenhouse Gas Emissions

Employment

Academic

Temple University, School of Environmental Design, Department of Community and Regional Planning,
Ambler, Pennsylvania, 2007 – Present

Assistant Professor

Courses: Analytical Methods in Planning (undergraduate), Planning Research and Design Methods / Planning Analysis (graduate, video-conferenced), Integrated Transportation and Land Use Planning (graduate, video-conferenced), Graduate Master's Thesis / Final Project, Transportation Planning (cross-listed undergraduate / graduate, video-conferenced), Sustainability in Suburban Communities (cross-listed undergraduate / graduate, video-conferenced), History and Practice of Community and Regional Planning (undergraduate).

University of California Transportation Center, *Berkeley, California, 2007*

Visiting Scholar conducting research on the probable land use impacts of a high-speed rail system in California's Central Valley.

University of California, *Berkeley, California, 2000-2003*

Graduate Student Instructor (2002-03) for Professors Gene Rochlin and Elizabeth Deakin. Courses: Automobility (undergraduate) and Transportation Policy and Planning (graduate)

Graduate Student Researcher (2000-02) for Professor Elizabeth Deakin. Project: Intelligent Transportation Systems Mainstreaming Project.

Cornell University, *Ithaca, New York, 1992*

Teaching Assistant

Course: Planning Analysis (graduate)

Non-Academic

EcoCity Cleveland, *Cleveland, Ohio*, 1996 to 2000

Citizens' Bioregional Plan Project Manager / Transportation Reform Program Coordinator

Coordinated and conducted analysis for the *Citizens' Bioregional Plan*, a plan for sustainable land use and transportation systems in Northeast Ohio; Monitored transportation and land use planning in Northeast Ohio at local planning agencies, wrote position statements and bi-weekly newsletter, coordinated press releases and conferences, advised citizens' groups.

Famine Early Warning System Project and U.N. World Food Programme Vulnerability Assessment and Mapping (VAM) Project, *Lusaka, Zambia*, 1993 to 1996

Food Security Analyst

Designed analytical methods, data collection / processing procedures, and mapping techniques for assessing food security conditions in Zambia; Wrote and presented reports on food security conditions to Zambian government and donor agencies for use in developing long-term goals and planning national and local development programs.

Food and Agriculture Organisation of the United Nations, *Mussoorie, India*, 1992

Independent Consultant

Designed and implemented a regional socio-economic analysis case study.

U.S. Peace Corps and TEM Associates, Inc., *Banyo, N'gaoundéré, and Batié, Cameroon*, 1986 to 1990

Trainer, Administrator, and Community Development Volunteer

Implemented 12-week training program for new U.S. Peace Corps Volunteers; Provided administrative support and counseling to twenty two U.S. Peace Corps Volunteers; Served as field worker, adviser and trainer to a district Community Development office.

Refereed Publications

Dissertation

Bradley John Flamm. (2006). Environmental Knowledge, Environmental Attitudes, and Vehicle Ownership and Use. University of California, Berkeley. Committee: Martin Wachs (chair), Robert Cervero, and Gene Rochlin.

Masters Thesis

Bradley John Flamm. (1992). Participatory Regional Planning: Evolving Strategies in Sub-Saharan Africa. Cornell University. Committee: David Lewis (chair) and Porus Olpadwala.

Articles

Bradley John Flamm and Asha Weinstein Agrawal. (Forthcoming). Constraints to Green Vehicle Ownership: A Focus Group Study. *Transportation Research Part D: Transportation and the Environment*.

Bradley Flamm. (2009). The impacts of environmental knowledge and attitudes on vehicle ownership and use. *Transportation Research Part D: Transportation and the Environment*, 14:4, pp. 272-279.

John A. Sorrentino, Md Mahbubur R. Meenar, and Bradley J. Flamm. (2008). Suitable Housing Placement: A GIS-Based Approach, *Environmental Management*, 42:5, pp. 803-820.

Bradley Flamm. (2006). Putting the brakes on "non-essential" travel: 1940s wartime mobility, prosperity, and the U.S. Office of Defense Transportation, *Journal of Transport History*, 27:1, pp. 71-92.

Bradley Flamm. (2005). The Garden Valley: Remembering Visions and Values in 1950s Cleveland with Allan Jacobs, *Berkeley Planning Journal*, 18, pp. 101-118.

Research Reports

Bradley Flamm and Asha Weinstein Agrawal. (2011). An Investigation into Constraints to Sustainable Vehicle Ownership and Use: A Focus Group Study, *Mineta Transportation Institute Research Report #CA-MTI-11-2903* (<http://transweb.sjsu.edu/project/2903.html>).

Manuscripts in Progress

Bradley Flamm. Top-down/Bottom-up Efforts for Greenhouse Gas Emissions Inventories and Climate Change Action Planning. Anticipated submission to *Environment and Planning C: Government and Policy*.

Bradley Flamm. The Role of Environmental Knowledge in Sustainable Mobility. Anticipated submission to *Environment and Behavior*.

Bradley Flamm and Asha Weinstein Agrawal. An Investigation into Constraints to Sustainable Vehicle Ownership and Use: A Focus Group Study. Anticipated submission to *Transportation Research Part D: Transportation and the Environment*.

Non-Refereed Publications

Book

Greg Aliberti, Bradley Flamm, Bill Hinkley, Michael Lewyn, Karen Lippmann, Mike McGraw, Ryan McKenzie, Kim Palmer, and Ken Prendergast. (2000). Car-Free in Cleveland, an *EcoCity Cleveland Special Publication*. Cleveland Heights, Ohio.

Article

Bradley Flamm and Gregory Rosston. (2005). Traffic Congestion, Congestion Pricing, and the Price of Using California's Freeways, Stanford Institute for Economic Policy Research *Policy Brief*, pp. 1-4..

Book Review

Bradley Flamm. (2006). Book review of *Still Stuck in Traffic: Coping with Peak-Hour Traffic Congestion* by Anthony Downs (2004, Brookings Institution Press), *Regional Studies*, 40:4, pp. 430-431

Professional Reports

Bradley Flamm, Matthew Weiss, and Chloe Maher (2011). Multi-Municipal Greenhouse Gas Emissions Inventory & Climate Action Plan for Falls, Lower Makefield, Lower Southampton and Middletown Townships and Pennel Borough, Bucks County, Pennsylvania: Volume 2, Climate Change Action Plan. Temple University Center for Sustainable Communities. Ambler, Pennsylvania.

Bradley Flamm, Matthew Weiss, and Chloe Maher (2011). Multi-Municipal Greenhouse Gas Emissions Inventory & Climate Action Plan for Falls, Lower Makefield, Lower Southampton and Middletown Townships and Pennel Borough, Bucks County, Pennsylvania: Volume 1, GHG Emissions Inventory. Temple University Center for Sustainable Communities. Ambler, Pennsylvania.

Bradley Flamm, Chloe Maher, Georgia Kirkpatrick, and Jeffrey Featherstone (2011). Swarthmore Area Greenhouse Gas Emissions Inventory and Action Plan Project: Volume II, A Multi-Municipal Climate Change Action Plan for Nether Providence Township, Rose Valley Borough, Rutledge Borough, and Swarthmore Borough. Temple University Center for Sustainable Communities. Ambler, Pennsylvania.

Bradley Flamm, Chloe Maher, Georgia Kirkpatrick, and Jeffrey Featherstone (2010). Swarthmore Area Greenhouse Gas Emissions Inventory and Action Plan Project: Volume I, Greenhouse Gas Emissions Inventory (Base Year 2006). Temple University Center for Sustainable Communities. Ambler, Pennsylvania.

Jeffrey Featherstone, Bradley Flamm, and Chloe Maher. (2009). Montgomery Township, PA Sustainability Audit. Temple University Center for Sustainable Communities. Ambler, Pennsylvania.

Bradley Flamm. (2008). Transfer of Development Rights section (pages 34-38) of the Fort Washington Area Flooding and Transportation Improvement Study, edited by Lynn Mandarano. Temple University Center for Sustainable Communities. Ambler, Pennsylvania.

Bradley Flamm. (2003). Explaining Intelligent Transportation Systems to the public: California transportation planning agencies and the World Wide Web, Report #628 for the University of California Transportation Center. Berkeley, California.

David Beach and Bradley Flamm. (1999). Citizens' Bioregional Plan for Northeast Ohio, an EcoCity Cleveland Special Publication. Cleveland Heights, Ohio.

Bradley Flamm. (1996). Assessing Vulnerability to Famine in Zambia. *Africa Notes*, a journal of the Institute for African Development of Cornell University.

Bradley Flamm. (1996). 1996 Zambia Vulnerability Assessment and Mapping Project: Analyses of Normal and Current Food Security Conditions. World Food Programme. Lusaka, Zambia.

Bradley Flamm. (1995). Vulnerability Assessment of Zambia: Baseline and Current Analysis, Volumes 1 (Results and Future Directions) and 2 (Detailed Methodology, Vulnerability and Preparedness Maps, and Data Tables). World Food Programme and USAID. Lusaka, Zambia.

Bradley Flamm. (1995). Operational Manual for FEWS/Zambia Food Security and Early Warning Monitoring Activities. USAID FEWS Project. Lusaka, Zambia.

Bradley Flamm. (1994). Using Cost Surface Analysis to Determine Relative Levels of Access to Markets. USAID FEWS Project. Lusaka, Zambia.

Newsletters

Bradley Flamm. (1996 – 2000). Getting Where We Want to Be. A bulletin of transportation and environmental news for Northeast Ohio, Cleveland, Ohio, USA. EcoCity Cleveland.

Bradley Flamm. (1993 – 1995). Zambia section of 23 issues of the FEWS Bulletin for Southern Africa. USAID FEWS Project. Washington, D.C.

Conference Presentations, Papers and Posters

Greenhouse Gas Inventories and Action Planning, *Annual Conference of the Pennsylvania Chapter of the American Planning Association*, Lancaster, Pennsylvania, 5 October, 2010 (conference presentation by Bradley Flamm, Brent Yarnal, Stanley Kabala, and Chloe Maher).

Top-down/Bottom-up Efforts for Greenhouse Gas Emissions Inventories and Climate Change Action Planning, *Annual Conference of the Association of Collegiate Schools of Planning*, Minneapolis, Minnesota, October 8, 2010 (paper presentation in the Climate Change II: Impacts, Responses, and Processes session).

Teaching Sustainability in Suburban Communities, *Diverse Suburbs: History, Politics and Prospects Conference*, Hofstra University, Hofstra, New York, 23 October, 2009 (panelist).

Measuring the Unmeasured: Solid Waste Data Availability at the Municipal Level in Pennsylvania, *Annual Conference of the Pennsylvania Chapter of the American Planning Association*, Valley Forge, Pennsylvania, 4 to 6 October, 2009 (poster presentation by Chloe Maher and Bradley Flamm).

The Role of Environmental Knowledge in Sustainable Mobility, *1st Transatlantic NECTAR (Network on European Communications and Transport Activities Research) Conference*, Arlington, Virginia, 19 June, 2009 (paper presentation).

Heeding Head and Heart in Vehicle Type Choice, *Annual Conference of the Association of Collegiate Schools of Planning*, Milwaukee, Wisconsin, October 18, 2007 (paper presentation in the Understanding Travel Choices session).

Do bicycle and pedestrian commuters care more about the environment? Do they know more about the environmental impacts of car ownership and use?, *Walk/Bike California 2007 Conference*, organized by the California Bicycle Coalition, Davis, California, September 11-14, 2007 (poster presentation by Bradley Flamm and Gregory Newmark).

Environmental Knowledge, Environmental Attitudes and Vehicle Ownership and Use, *Annual Meeting of the Transportation Research Board*, Washington, D.C., January 23, 2007 (paper presentation at the Papers in Environmental Analysis session).

Assessing Knowledge of the Environmental Impacts of Vehicle Ownership and Use, *Annual Conference of the Association of Collegiate Schools of Planning*, Fort Worth, Texas, November 9, 2006 (paper presentation in the Understanding Travel Behavior session).

Environmental Knowledge, Environmental Attitudes, and the Environmental Impact of Automobile Ownership and Use, *University of California Transportation Center (UCTC) Student Conference*, Berkeley, California, February 13, 2006 (paper presentation).

Preliminary Results of a Study of Environmental Knowledge, Environmental Attitudes, and the Environmental Impact of Automobile Ownership and Use, *Annual Conference of the Association of Collegiate Schools of Planning*, Kansas City, Missouri, October 30, 2005 (paper presentation in the Special Topics in Travel Behavior session).

“A large volume of idle funds”: 1940s wartime prosperity, mobility, and the Office of Defense Transportation, 2nd Conference of the *International Association for the History of Transport, Traffic, and Mobility*, Dearborn, Michigan, November 6, 2004 (paper presentation).

Non-Planners and Growth Management, *Annual Meeting of the American Planning Association*, New York, NY, April 20, 2000 (panelist).

River Ribbons: Watershed Planning in Ohio, *Ohio Planning Conference*, Cincinnati, Ohio, October 8, 1999 (panelist).

Achieving a Sustainable Communities Long-Range Plan, *Rail-Volution Conference*, Dallas, Texas, September 25, 1999 (panelist).

The World Food Programme 1996 Zambia vulnerability assessment and mapping project, *Second Informal Meeting on Methodology for Vulnerability Assessment*, hosted by the *United Nation’s Food and Agricultural Organisation*, December 9, 1996 (paper presentation).

GIS as a tool in disaster preparedness: The Zambia vulnerability assessment and mapping (VAM) project, *Using GIS for Disaster Management Workshop*, Disaster Management Center of the University of Wisconsin, Madison, Wisconsin, December 4, 1996 (paper presentation).

Research

2011. *Transit Users’ Perceptions of Bike-Friendly Policy Impacts on Accessibility to Transit Services*. Recommended for funding by the Mineta Transportation Institute, San José State University (pending renewal of MTI research center contract): \$61,433. Co-author of proposal for competitive selection and PI of project. Twelve month study. Supervisor of two Graduate Research Assistants.
2010. *Bucks County Greenhouse Gas Emissions and Action Plan Project*. Contract with Middletown Township, Bucks County, representing itself, Lower Makefield Township, Lower Southampton Township, Falls Township, and Pennel Borough: \$33,560. Co-author of proposal and PI of project. Supervisor of one Graduate Research Assistant.
2010. *NKCDC Sustainable 19125 Outcomes*. Contract with the New Kensington Community Development Corporation. Co-author of proposal, collaborator on project, and author of *Social Outcomes* section of report.
2009. *An Investigation into Constraints to Sustainable Vehicle Ownership and Use: A Focus Group Study*. Awarded by the Mineta Transportation Institute, San José State University: \$62,625. Co-author of proposal for competitive selection and PI of project. Twelve month study. Supervisor of one Graduate Research Assistant.
2009. *Swarthmore Region Greenhouse Gas Emissions Inventory Project*. Awarded by the Pennsylvania Department of Environmental Protection on behalf of Nether Providence, Rose Valley Borough, Rutledge Borough, and Swarthmore Borough (Delaware County, Pennsylvania): \$79,115. Co-author of proposal for competitive selection. Twelve month study. Supervisor of two Graduate Research Assistants.
2009. *Montgomery Township Sustainability Audit*. Awarded by Montgomery Township (Montgomery County, Pennsylvania) to Temple University’s Center for Sustainable Communities: \$29,992. Co-author and principal investigator. Six month study. Supervisor of one Graduate Research Assistant.
2008. *Fort Washington Area Flooding and Transportation Improvement Study*. Contract with Upper Dublin Township, Montgomery County, Pennsylvania. Author of Transfer of Development Rights section of final report.

Service

Department, College, and University

Temple University Sustainability Task Force Transportation Committee, Chair, Spring 2009 to Summer 2010.
Ambler Campus Sustainability Council, Temple University Ambler, Co-Chair, Fall 2010 to present; Member, Fall 2007 to present.

Contributor to Department of Community and Regional Planning's self studies for program review and accreditation application, Fall 2007 to present.

Co-author with Department Chair Deborah Howe of successful proposal for establishment of a graduate Transportation Planning Certificate Program, approved by Temple University Board of Trustees, Fall, 2009.

Nominator of three lecturers in the Ambler Campus Cultural Affairs Series (Professor Jonathan Landis, 2008; Professor Witold Rybczynski, 2009; and Philadelphia Deputy Mayor Rina Cutler, 2009)

Lead author with Department Chair Deborah Howe of successful proposal for establishment of a Transportation Planning Certificate Program, Spring 2008.

Department of Community and Regional Planning's Graduate Application Review Committee, Spring 2008 to present.

Department of Community and Regional Planning's Curriculum Review Committee, Spring 2010 to present.

Earthfest Exhibitor of Vermiculture Practice, April 24, 2009 and April 29, 2011.

Earthfest Volunteer, April 2008.

Professional

American Planning Association, Transportation Planning Division Research Committee, 2008 to present.

Transportation Research Board of the National Academies, Friend of the Bicycle Planning Committee, 2008 to present.

Delaware Valley Regional Planning Commission, Advisory Committee on County/Municipal Toolkit for Energy Use and Greenhouse Gas Reduction, Fall 2009 to present.

Delaware Valley Regional Planning Commission, Greenhouse Gas Emissions Inventory Advisory Group, 2008-2009.

Reviewer: Journal of Transport Policy (2011); Journal of Environmental Planning and Management (2011); Journal of Transport Geography (2009); Journal of Green Building (2009).

Governing Committee of the Martin Wachs Distinguished Lecture in Transportation Fund, 2007 to present.

Co-editor, Berkeley Planning Journal, Volume 17, 2004.

UC Berkeley Department of City and Regional Planning Ph.D. Program Committee, 2000/01 and 2001/02.

Community

City of Cleveland Heights (Ohio) Visioning Committee, 2000.

Coordinating Committee of the Buckeye Forest Council (Athens, Ohio), 1998-2000.

Board Member of Alt-Trans Cleveland (Cleveland, Ohio), 1997-2000.

Board Member of Friends of Cameroon in the United States, 1991-1993.

Professional Development

Temple University Teaching and Learning Center

- Structuring and Facilitating Class Discussions, October, 2009.
- Interteach Format: Facilitating Student Preparation, Attendance, and Active Participation, October, 2009.
- Tools to enhance your online learning students' experiences, March, 2009.
- Teaching Effectively and Efficiently, January, 2009.
- Responding to Student Writing, November, 2008.
- Discussion as a Way of Teaching: Tools and Techniques for Democratic Classrooms, July, 2008.
- Dreamweaver CSC Training, March, 2008.

Temple University Writing Center

- Faculty writing retreats, May, 2009, May, 2010 and May, 2011.

Graduate Division of the University of California, Berkeley

- Fellow in the Summer Institute for Preparing Future Faculty, Summer 2005.

Masters Projects Supervised

- Molly Lucia Kaput – *Zero-fare Transportation Systems: A Summary and Case Study of the Port Authority of Allegheny County*, May 2011.
- Javier Garcia – *Re-remembering the Royal Theater: Public History, Place, and Urban History* (Temple University Department of History; served as committee member to Master's Thesis project), May 2011.
- Angela Watson – *The Influence of the Built Environment on Physical Activity: Transportation and Land Use Recommendations to Support Healthy Community Design in Pennsylvania*, December 2010.
- David Manhardt – *New Jersey's Conflicting Legislation: Highlands Water Protection and Planning Act & Fair Housing Act*, December 2009.
- Mark Stivers – *Why Leadership in Local Government is Vital to Creating a Sustainable Community*, December 2009.
- Scott Bechard – *A Critical and Evidence-Based Assessment of ITE Trip Generation Methodology*, May 2009.
- Brandon Williams – *Evaluating the Market in South-Central Pennsylvania for Regional Transfer of Development Rights Program Implementation*, May 2009.
- James Ennis – *Using GIS to Measure Philadelphia's Parks and Open Space Needs*, December 2008.
- Randy Waltermeyer – *The Land Use and Traffic Impacts of the Exton Bypass, Chester County: Evaluating the Presence of Induced Demand and Development*, December 2008.
- Straso Jovanovski – *Analysis of a Pennypack Creek Watershed Municipality Focus on Flooding: Hatboro Borough, PA*, August 2008 (co-supervised with Professor Meenar Mahbubar).
- David E. Major – *Methods of Sustaining the Urban Fabric: Case Studies of Temple University and The University of Pennsylvania*, May 2008.
- Carlo Felice Fiammenghi – *Waterfront Regeneration: Water Networks as Drivers of Investment*, May 2008.

Awards and Fellowships

- Robert D. Putnam Award for Contributions to the Development of Social Capital, University of California, Berkeley, Department of City and Regional Planning, 2006
- University of California Transportation Center Doctoral Dissertation Research Award, 2005
- Dwight David Eisenhower Graduate Transportation Fellowship (U.S. Dept. of Transportation): 2003 to 2006
- University of California Transportation Center Fees and Tuition Grants, 2000 to 2003
- Thomas W. Mackesey Prize for Academic Excellence, Cornell University, Dept of City and Regional Planning, 1992

Professional Affiliations

- American Planning Association
- Transportation Research Board, National Academies
- Network on European Communications and Transport Activities Research
- International Association for the History of Transport, Traffic and Mobility
- Planners Network

Languages

- Strong French reading, writing and speaking abilities.