



In 2011-2012 the PPC continued its efforts to engage the public with a number of successful Forkenbrock Series on Public Policy events, including lectures by Robert Reich and Frances Moore Lappé, and the launch of the brown bag “Lunch and Learn” series designed to allow University of Iowa faculty to share their expertise on critical issues with Iowa State Legislators who will be making decisions about issues during each session. PPC Director Peter Damiano was a sought-after speaker for his expertise on issues surrounding the passage of the Affordable Care Act, and Human Factors and Vehicle Safety Director Daniel McGehee continued to attract funding and media attention for his work using event-triggered vehicle technology to increase the safety of teen drivers. In Transportation, the Final Report for the National Evaluation of a Mileage Fee System, a \$16 million study, was released by the USDOT to the House of Representatives.

**The 2011-2012 academic year was a very productive one for the faculty, staff and students at the PPC.**

- 39 grants through the Public Policy Center totaling \$9,759,424
- In addition, \$2,839,622 in grant funds is pending and soon to be awarded
- 53 journal articles, monographs, research abstracts, conference proceedings papers, and book chapters, including:
  - 29 journal articles
  - 11 research reports or monographs
  - 3 book chapters
  - 5 research abstracts
  - 5 conference proceedings
- Convened 2 national symposia for the Forkenbrock Series: “Conflict and Civility in Political Discourse: Where Is the Line?” and “The Affordable Care Act: Is It Constitutional?”
- Organized a major international conference, “Driving Assessment 2011: The 6th International Symposium on Human Factors in Driver Assessment, Training and Vehicle Design” in Squaw Valley, California
- Collaborated with the UI History department on the class “Policy Matters: Scholarly and Practical Perspectives on Contemporary Problems.” Speakers included Common Cause President Bob Edgar, Tulane Professor and judicial expert Sally Kenney, and IDPH Director Mariannette Miller-Meeks.
- The Housing and Land Use program began a Midwest Housing Initiative, in collaboration with the University of Kansas, the University of Minnesota, and the University of Illinois-Chicago
- The Iowa Social Science Research Center helped to submit 43 grant proposals for a total of \$9,906,640 (six funded, 19 pending). In addition, the center fielded eight new surveys or research-based initiatives, and has several more scheduled for summer and fall 2012.
- Environmental Policy faculty, together with NASA and other UI faculty, assisted the Johnson Co. Department of Public Health by developing an hourly, high-resolution pollution concentration forecast to predict at the block level the spread of particulates from the Johnson Co. landfill fire
- Fred Boehmke, associate professor of political science, finished the first of a two-year Scholar in Residence program at the PPC
- Mentored 15 MA and 10 PhD students
- Active on 12 university, 4 state, 11 national, and 2 international committees
- Added the following new affiliated faculty:
  - Colin Gordon, History
  - Lucie Laurian, Urban and Regional Planning
  - Anthony Paik, Sociology

## Health Policy Research Program

### Journal Articles

- Chi D, Momany E, Neff J, Jones M, Warren J, Slayton R, Weber-Gasparoni K, Damiano P. Impact of Chronic Condition Status and Severity on Dental Utilization for Iowa Medicaid-Enrolled Children. *Medical Care*. In Press.
- Chi DL, Momany ET, Kuthy RA, Jones M, Askelson NM, Wehby GL, Damiano PC. The relationship between medical well baby visits and first dental checkups for young children in Medicaid American Journal of Public Health. *Amer Journal of Public Health (In Press)*.
- Wehby G L, Tyler MC, Lindgren S, Romitti PA, Damiano PC. Oral Clefts and Behavioral Health of Young Children. *Oral Diseases (In Press)*.
- Kim MJ, Damiano PC, Hand J, Denehy GE, Cobb DS, Qian F. Consumers' choice of dentists: how and why people choose dental school faculty members as their oral health care providers. *J Dent Educ*. 2012 Jun;76(6):695-704.
- Valencia A, Damiano P, Qian F, Warren JJ, Weber-Gasparoni K, Jones M. Racial and Ethnic Disparities in Utilization of Dental Services Among Children in Iowa: The Latino Experience. *Am J Public Health*. 2012 Jun 14. [Epub ahead of print]
- Chi DL, Momany ET, Jones MP, Kuthy R, Damiano PC. Timing of First Dental Checkup for Newly Medicaid-Enrolled Children With an Intellectual or Developmental Disability. 2012;50(1):2 - 15.
- McKernan SC, Kuthy RA, Joshi A. Primary care providers and practice locations: examining the relationships. *J Am Dent Assoc*. 2012 May;143(5):e8-15.
- Chi DL, Momany ET, Jones MP, Kuthy R, Damiano PC. Timing of first dental checkup for newly Medicaid-enrolled children with an intellectual or developmental disability. *Intellect Dev Disabil*. 2012 Feb;50(1):2-15.
- Campo S, Askelson NM, Spies EL, Losch M. Ambivalence, communication and past use: understanding what influences women's intentions to use contraceptives. *Psychol Health Med*. 2012;17(3):356-65. Epub 2011 Sep 7.
- Mastin T, Campo S, Askelson NM. African American women and weight loss: disregarding environmental challenges. *J Transcult Nurs*. 2012 Jan;23(1):38-45. Epub 2011 Aug 22.
- Shelley JJ, McQuistan MR, Delacruz G, Marshall TA, Momany ET. Significant indicators of intent to leave among Army Dental Corps junior officers. *Mil Med*. 2011 Jun;176(6):631-8.

### Research Monographs

- Damiano PC, Willard JC, Momany ET, Park K, Skemp E, Carter KD. Evaluation of the IowaCare Program: Baseline Information for the Medical Home Expansion; October, 2011.
- Momany ET, Damiano PC, Carter KD. Outcomes of Care for Iowa Medicaid Enrollees; September, 2011.
- Willard JC, Damiano PC, Park K. Children's Behavioral and Emotional Health in Iowa: Results from the 2010 Iowa Child and Family Household Health Survey; September, 2011.
- Momany ET, Carter KD, Damiano PC. Outcomes of the IowaCare program For Year Ending September 30, 2010; August 2011.

### Research Abstracts

Kim M, Damiano PC, Hand J. American Dental Education Association Annual Meeting, Orlando, FL. April 2012.

Singhal A, Damiano PC. Emergency Department use for Dental Conditions: National trends over 10 years. Submitted to the National Oral Health Conference, Milwaukee, WI, 2012.

Chi D, Momany E, Jones M, Kuthy R, Damiano P. Timing of First Dental Recall Visits for Newly Medicaid-enrolled Children with an Intellectual or Developmental Disability. The National Oral Health Conference, Pittsburgh, PA, 2011.

Wehby GL, Jones MP, Momany ET, Chi DL, Kuthy RA, Askelson NM, Carter K, Damiano PC. The returns of early dental health prevention. Submitted to the American Public Health Association Annual Meeting, San Francisco, CA. Nov 2012.

Askelson NM, Chi DL, Momany ET, Kuthy RA, Hanson J, Ortiz C, Damiano PC. Health communication interventions to increase early preventive dental visits for preschool-age children enrolled in Medicaid: A formative research perspective. Submitted to the American Public Health Association Annual Meeting, San Francisco, CA. Nov 2012.

### Presentations

Damiano, PC. *Health Care Reform and the Impact on Physician Assistants*. Invited participant to the Iowa Physician Assistant Annual Meeting. October 2011.

Damiano, PC. *The impact of the Accountable Care Act on the Iowa Safety Net*. Invited participant to the National Academy for State Health Policy National Meeting. September 2011.

Damiano, PC. Lead facilitator for the 2011 HRSA Regional Oral Health Summit. Kansas City, MO. September 2011.

Damiano, PC. *Health System Change: Issues Facing Iowa and the Nation*. Initial presentation in the UI Legislative Lunch and Learn Series. Iowa State Capital. February 2012.

Damiano, PC. *The Affordable Care Act and the Supreme Court*. Invited presentation at the University of St Thomas Law School. April 2012.

Damiano, PC. *The impact of the Accountable Care Act on the Iowa Safety Net*. Accepted presentation at the Iowa Public Health Association Annual Meeting. April 2012.

Damiano, PC. *The 2010 Iowa Household Health Survey: Statewide Results*. Accepted presentation at the Iowa Public Health Association Annual Meeting. April 2012.

Damiano PC, Askelson NM, Chi DL, Kuthy RA . *Early childhood oral health issues and first comprehensive dental visit*. Accepted panel presentation at the National Oral Health Conference, Milwaukee, WI, May 2012.

Damiano, PC. *The impact of the Accountable Care Act on the Iowa Safety Net*. Accepted presentation at the Iowa Public Health Association Annual Meeting. April 2012.

### Funded Research

|   |                         |  |
|---|-------------------------|--|
| ARRA: First preventive dental visit: disparities in needs, costs + behavioral insights<br>(U.S. Department of Health and Human Services)<br>Pete Damiano – Principal Investigator                                     | Sep 2009-<br>Aug 2012   | \$940,370<br>(funded)                  |
| Evaluation of the IowaCare program<br>(Iowa Department of Human Services)<br>Pete Damiano – Principal Investigator  | Jul 2006-<br>Oct 2011   | \$777,060<br>(funded)                  |
| Grants to state to support oral health workforce activities:<br>Iowa effort to improve oral health workforce T12HP14992<br>(Health Resources and Services Administration, DHHS)<br>Ray Kuthy – Principal Investigator | Sep 2009-<br>Aug 2012   | \$599,692<br>(funded)                  |
| Evaluation of the IowaCare program<br>(Iowa Department of Human Services)<br>Pete Damiano – Principal Investigator  | Nov 2011-<br>Oct 2014   | \$587,723<br>(funded)                  |
| Iowa Medicaid managed care review & evaluation<br>(Iowa Department of Human Services)<br>Elizabeth Momany – Principal Investigator  | Jul 2010-<br>Jun 2013   | \$300,000<br>(funded)                  |
| State-level strategies for improving integration and coordination within<br>the health care safety net post-PPACA: the Iowa example<br>(Commonwealth Fund)<br>Pete Damiano – Principal Investigator                   | Apr 2011-<br>Oct 2012   | \$169,766<br>(funded)                  |
| Iowa child and family household health survey<br>(Iowa Department of Public Health)<br>Pete Damiano – Principal Investigator  | Jan 2011-<br>Jun 2013   | \$131,000<br>(funded)                  |
| The effects of a Medicaid buy-in program on health care services<br>utilization and cost: The Iowa MEPD evaluation<br>(Iowa Department of Human Services)<br>Elizabeth Momany – Principal Investigator                | Jan 2011-<br>Nov 2011   | PPC<br>portion<br>\$90,000<br>(funded) |
| Selected component of evaluation of personal responsibility<br>education program (PREP)<br>(Iowa Department of Public Health)<br>Natoshia Askelson – Principal Investigator   | Dec 2011 -<br>Sept 2012 | \$76,203<br>(funded)                   |
| Unintended pregnancy prevention program evaluation<br>(UI Community & Behavioral Health)<br>S. Campo – Principal Investigator/Natoshia Askelson (PPC)   | Nov 2011-<br>Dec 2012   | \$33,900<br>(funded)                   |



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| State-level strategies for improving integration and coordination within the health care safety net post-PPACA: the Iowa example<br>(WellMark Foundation)<br>Pete Damiano – Principal Investigator | Jul 2011-<br>Jan 2013 | \$20,000<br>(funded)   |
| <i>Pending Research</i>  |                       |                        |
| Iowa's effort to improve oral health workforce activities (renewal)<br>(U.S. Department of Health & Human Services)<br>Ray Kuthy – Principal Investigator  | Sep 2012-<br>Aug 2015 | \$832,308<br>(pending) |
| Health care innovation challenge<br>(U.S. Department of Health & Human Services)<br>Pete Damiano – Principal Investigator  | Mar 2012-<br>Mar 2015 | \$520,709<br>(pending) |
| State plan amendment evaluation (SPA)<br>(Iowa Department of Human Services)<br>Pete Damiano – Principal Investigator  | Jul 2012-<br>Jun 2015 | \$453,197<br>(pending) |
| State health access reform evaluation (SHARE): evidence-based reform<br>(Robert Wood Johnson Foundation)<br>Pete Damiano – Principal Investigator  | Jun 2012<br>Dec 2013  | \$199,993<br>(pending) |
| Children's health insurance program reauthorization act (CHIPRA)<br>(Iowa Department of Public Health)<br>Natoshia Askelson – Principal Investigator   | Mar 2012-<br>Feb 2014 | \$114,000<br>(pending) |

## Transportation Research Program

### Journal Articles

Paul Hanley, Nikhil Sikka Bias caused by Self-Reporting Distraction and Its Impact on Crash Estimates, *Accident Analysis and Prevention*. In press.

Hanley PF, Kuhl JG. National Evaluation of Mileage-Based Charges for Drivers, Transportation Research Record: Journal of the Transportation Research Board, 2011; 2221: 10-18.

### Reports

Paul Hanley, Determinants of Truck Crashes Involving Hazardous Materials Release, MATC. June 2012.

Paul Hanley, Matt Yohe, Hai Yu. Advanced Decision Modeling for Real Time Variable Tolling- Development and Testing of a Data Collection Platform, MATC. June 2012.

### Presentations

Hosin "David" Lee. (2012). *LEADCAP Technology Brief*. Federal Highway Administration Technical Working Group, Washington, DC, July 25.

- Hanley, Paul F. (2012). *State of the States: Alternative Funding Options and Legislative Action. Iowa Forward - Economic Development and Transportation Conference*, Des Moines, April.
- Sunyun Ma and Paul F. Hanley. (2012). *The Role of Street Network Pattern in Daily VMT: A Behavioral Analysis of a Nationwide Driver Panel*. Transportation Research Forum 53<sup>rd</sup> Annual Forum, Tampa, FL, March.
- Sikka, Nikhil and Paul F. Hanley. (2012). *Capturing Commuters Behavioral Attitudes and Willingness to Pay for the Frequency of Unexpected Delays*. Transportation Research Forum 53<sup>rd</sup> Annual Forum, Tampa, FL, March
- Hanley, Paul F. (2012). *Funding Options for Transportation Infrastructure in Wisconsin*. Commission on Transportation Policy and Revenue, Wisconsin Department of Transportation, Madison, WI, February.
- Hanley, Paul F. and Nikhil Sikka. (2012). *Behavioral Analysis of Variable Tolling*. Transportation Research Board 91th Annual Meeting, Washington, D.C., January.
- Hanley, Paul F. (2011). *Application of Cumulative Prospect Theory for Analyzing Driver's Use of Variable Tolloed Lanes*. Society of Judgment and Decision Making, Seattle, WA, November.
- Hanley, Paul F. (2011). *Results of the National Evaluation of a Mileage Based Road User Charge System*. American Association of State Highway and Transportation Officials, Annual Meeting, Detroit, MI, October.
- Hanley, Paul F. (2011). *Mileage Based Road User Charge: Application in the Chicago Metropolitan Area*. Metropolitan Planning Council Transportation Funding Roundtable, Chicago, IL, October.
- Hanley, Paul F. (2011). *Transportation Finance Options: When we are all driving electric vehicles*. League of Cities Conference and Workshops, Des Moines, IA, September.
- Hanley, Paul F., Joseph Olson. (2011). *Effects of Adverse Weather on Surface Transportation Mobility*. Mid-Continent Transportation Research Symposium, Ames, IA, August.
- Hanley, Paul F. (2011). *National Evaluation of Mileage-Based Road User Charge: Results. All Systems Go*. Mid America Association of State Transportation Officials, Cincinnati, OH, July.
- Hanley, Paul F. and Jon G Khu. (2011). *MBUF: Participant Perception and Acceptance*. Symposium on Mileage-Based user Fees, Breckenridge, CO, June.
- Hanley, Paul F. and Nikhil Sikka. (2011). *Effects of Economic Recessions on Traffic Fatalities*. Transportation Research Forum 52 Annual, Long Beach CA, March.
- Hanley, Paul F. and Nikhil Sikka. (2011). *Identification of Self-Selection Bias in National Crash Database and Its Impact on Crash Estimates*. Transportation Research Board 90th Annual Meeting, Washington D.C., January.
- Hanley, Paul F. and Jon G Kuhl. (2011). *National Evaluation of Mileage-Based Road User Charge: Initial Results*. Transportation Research Board 90th Annual Meeting, Washington, D.C., January.
- Hanley, Paul F. (2011). *National Evaluation of a New Approach to Assessing Road User Charges: Applications to Metropolitan Planning Organization Long-term Planning*. Transportation Research Board 90th Annual Meeting, Washington, D.C., January.

### Funded Research

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|---|------------------------|-----------------------|
| Development of quality standards for inclusion of high recycled asphalt pavement content in asphalt mixtures<br>(Iowa Highway Research Board)<br>Hosin Lee – Principal Investigator   | Aug 2010-<br>Jul 2012  | \$150,000<br>(funded) |
| Examination of curing criteria for cold-in place recycling, phase III<br>(Iowa Department of Transportation)<br>Hosin Lee – Principal Investigator  | Jul 2009-<br>Dec 2011  | \$104,140<br>(funded) |
| Advanced decision modeling for real time variable tolling-development and testing of a data collection platform<br>(Mid-America Transportation Center)<br>Paul Hanley – Principal Investigator  | Jan 2012-<br>Jun 2012  | \$69,333<br>(funded)  |
| Quality control/quality assurance testing for joint density and segregation of asphalt mixtures<br>(Iowa Highway Research Board)<br>Hosin Lee – Principal Investigator  | Aug 2010-<br>July 2012 | \$50,000<br>(funded)  |
| Accelerated testing of warm asphalt mixtures for safe and reliable freight transportation<br>(Mid-America Transportation Center)<br>Hosin Lee – Principal Investigator  | Jul 2010-<br>Jun 2012  | \$50,000<br>(funded)  |
| Freight bottlenecks and the border puzzle<br>(Mid-America Transportation Center)<br>Miwa Matsuo – Principal Investigator  | Sep 2010-<br>May 2012  | \$40,800<br>(funded)  |
| Development of low carbon and low cost pavement, phase III: implementation of LEADCAP low-carbon asphalt technology in IA<br>(Korea Institute of Construction Technology)<br>Hosin Lee – Principal Investigator                         | May 2011-<br>Nov 2011  | \$27,273<br>(funded)  |
| Evaluation of BASF's warm mix asphalt mixtures<br>(BASF Corporation)<br>Hosin Lee – Principal Investigator  | May 2010-<br>Dec 2011  | \$25,000<br>(funded)  |
| Determinants of truck crashes with hazardous material releases<br>(Mid-America Transportation Center)<br>Paul Hanley – Principal Investigator   | Jan 2012-<br>Jun 2012  | \$23,217<br>(funded)  |
| Use of high-volume reclaimed asphalt pavement (RPA) for asphalt pavement rehabilitation due to increased highway truck traffic from freight transportation<br>(Mid-America Transportation Center)<br>Hosin Lee – Principal Investigator | Jul 2010-<br>Jun 2012  | \$7,748<br>(funded)   |

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| <i>Pending Research</i>  |                       |                       |
| Warm mix asphalt development Phase V<br>(Korean Institute of Construction Technology)<br>Hosin Lee – Principal Investigator              | Apr 2012-<br>Dec 2012 | \$45,000<br>(pending) |
| Accelerated testing of Kumho's LEADCAP warm mix asphalt (WMA)<br>mixtures<br>(Kumho Petrochemical)<br>Hosin Lee – Principal Investigator | Mar 2012-<br>Dec 2012 | \$25,000<br>(pending) |

## Human Factors Research Program

### Journal Articles

McGehee, D.V. (2011). The building blocks of driver distraction policy. *Ergonomics in Design*. 19: 25-27.

### Reports

McGehee, D.V., Hoffman, J.D., Lee, J.D., Angell, L.A. (2012). The design of in-vehicle alpha-numeric text message systems. Society of Automotive Engineers Standard. J-2831.

### Proceedings

Adhikari, TA, McGehee, Daniel V, Reyes, Michelle L, and Carney, Cher. 2011. 3D Spatial Visualization Analysis of Safety Related Driving Events of Newly Licensed Teens in Proximity of Home and School. In . Vol. Proceedings of the Mid Continent Transportation Symposium.

### Presentations

McGehee, D.V. (2011). *From Green to Blue: how teens drive*. Iowa Nurses Association Conference.

McGehee, D.V. (2011). *Driver distraction: history and definitions*. US DOT National Highway Traffic Administration (NHTSA) Regional Administrators Conference.

McGehee, D.V. (2011). *Beaming into the Trauma Bay: Advanced Video Data Recorders and Crash Injury Assessment*. Society of Automotive Engineering Event Data Recorder Symposium. Danville, Virginia.

### Funded Research

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|---|-------------------------|-----------------------|
| Task analytic and time series analysis of driver behavior<br>(Toyota Motor Corporation)<br>Daniel V. McGehee – Principal Investigator   | Jul 2011 -<br>Jun 2014  | \$998,000<br>(funded) |
| Activity 2: Distraction metrics refinement; Activity 3: Predictive DVI<br>evaluation tool development (Connected Vehicle)<br>(Westat)<br>Daniel V. McGehee – Principal Investigator | Sept 2011-<br>Sept 2013 | \$741,139<br>(funded) |

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|---|-------------------------|---|
| An in-vehicle video monitoring and feedback intervention to improve teen driving: a randomized controlled trial to improve teen driving (U.S. Department of Health and Human Services)<br>Corinne Peek-Asa/Daniel V. McGehee – Co-Principal Investigators | Sep 2010-Jul 2014       | PPC<br>portion<br>\$429,388<br>(funded) |
| Evaluation monitoring and alerting technologies for teen drivers (Non-video)<br>(Westat)<br>Daniel V. McGehee – Principal Investigator  | Sept 2011-<br>Sept 2013 | \$223,395<br>(funded)                   |
| The use of video feedback in novice 14-1/2 year-old drivers: the million-mile study<br>(Iowa Department of Transportation)<br>Daniel V. McGehee – Principal Investigator  | Apr 2009-<br>Mar 2013   | \$180,000<br>(funded)                   |
| Moving beyond teen crash statistics: go team<br>(Iowa Department of Transportation)<br>Daniel V. McGehee – Principal Investigator   | Jan 2009-<br>Apr 2012   | \$145,733<br>(funded)                   |
| Continued evaluation of an in-vehicle video intervention to improve teen driving (Extension)<br>(Westat)<br>Daniel V. McGehee – Principal Investigator  | Aug 2011-<br>Jul 2014   | \$105,993<br>(funded)                   |
| SPR-BAIID, Review of breath alcohol ignition interlock devices: policy and implementation implications<br>(Iowa Department of Transportation)<br>Daniel V. McGehee – Principal Investigator   | May 2011-<br>Sept 2011  | \$55,800<br>(funded)                    |
| Task order 5/21 interface metrics for IntelliDrive<br>(Westat)<br>Daniel V. McGehee – Principal Investigator  | Sep 2010-<br>Dec 2011   | \$25,000<br>(funded)                    |
| Great Plains Center for Agricultural Health<br>(U.S. Department of Health and Human Services)<br>Daniel V. McGehee – Co-Principal Investigator  | Sept 2011-<br>Aug 2016  | PPC<br>portion<br>\$3,771<br>(funded)   |
| <i>Pending research</i>   |                         |   |
| SHRP2 S08 Use of NDS for evaluation rural curves<br>(ISU via National Academy of Sciences)<br>Daniel V. McGehee – Principal Investigator  | Jan 2012-<br>Nov 2012   | PPC<br>portion<br>\$30,000<br>(pending) |
| R03 and the business side/Driver inattention in teen motor vehicle crashes and near-crashes<br>(University of Pennsylvania)<br>Daniel V. McGehee – Principal Investigator   | Jul 2012-<br>Jun 2014   | \$5,518<br>(pending)                    |

## Housing and Land Use Policy

### Book Chapters

Anthony, Jerry. 2012. "Home Burdens: The High Cost of Homeownership" in *Broke: How Debt Bankrupts the Middle Class*. Palo Alto: Stanford University Press, 65-84.

### Presentations

Anthony, Jerry. (2012). *Housing Problems in the Midwest*. Presentation to Iowa Congressional delegation, Washington DC – April 2012.

Anthony, Jerry. (2012). *Housing Problems in the Midwest*. Presentation to US Department of Housing & Urban Development – April 2012.

Anthony, Jerry. 2011. *Politics of historic preservation*. Annual conference of the Association of Collegiate Schools of Planning, October 15, Salt Lake City, Utah.

Anthony, Jerry. (2012). *Framework for analysis of the housing needs of Oskaloosa*. Presentation to the City of Oskaloosa and the Housing Trust Fund of Oskaloosa, February 11.

Anthony Jerry. (2012). *The Challenge of promoting sustainable development in a developing county*. Inaugural conference of the World Institute of Sustainable Habitats, March 14, Kochi, Kerala, India.

Anthony, Jerry. (2012). *From centralized planning to grass-roots planning: A case study from Kerala, India*. Annual conference of the Association of European Schools of Planning, July 14, Ankara, Turkey

### Other Activities

Formed the Midwest Housing Initiative in Fall 2011. Convened inaugural meeting in Iowa City, IA. Dec 9, 2011.

### Funded Research

| <i>Pending Research</i>  |                       |                        |
|--|-----------------------|------------------------|
| Housing Cost Burdens: When does a house really cost too much?<br>(NSF)<br>Jerry Anthony — Principal Investigator             | Jul 2013-<br>Dec 2015 | \$197,992<br>(pending) |
| Is Foreclosure Prevention Counseling Effective<br>(Iowa Attorney's General Office)<br>Jerry Anthony — Principal Investigator | Jan 2013-<br>Dec 2014 | \$169,600<br>(pending) |
| Increasing Iowans Access to Foreclosure Data<br>(Iowa Attorney's General Office)<br>Jerry Anthony — Principal Investigator   | Sep 2012-<br>Mar 2016 | \$76,140<br>(pending)  |



## Social Science Policy

### Journal Articles

- Gordon, Colin, and Cohen, Donald. 2012. Do America's Corporations Care How Much American Workers Earn? *Dissent*. <http://dissentmagazine.org/online.php?id=625>.
- Paik, A, and Woodley, V. 2012. Symbols and Investments as Signals: Courtship Behaviors in Adolescent Sexual Relationships 24, no. 1. *Rationality and Society*: 3 - 36.
- Ellingson, Stephen, Woodley, Vernon A, and Paik, Anthony. 2012. The Structure of Religious Environmentalism: Movement Organizations, Interorganizational Networks, and Collective Action. *Journal for the Scientific Study of Religion*, 51(2): 266 - 285.
- Xie, M, Heimer, Karen, and Lauritsen, JL. 2012. Violence Against Women in U.S. Metropolitan Area: Changes in Women's Status and Risk, 1980-2004. *Criminology*, 50(1): 105 - 143.
- Heimer, Karen, Johnson, Kecia R, Lang, JB, Rengifo, Andres F, and Stemen, Don. 2012. Race and Women's Imprisonment: Poverty, African American Presence, and Social Welfare. *Journal of Quantitative Criminology*, 28(2): 219-244.
- Nguyen-Hoang, Phuong. 2012. Cost Function and its Use for Intergovernmental Educational Transfers in Vietnam. *Education Economics*, 20(1): 69 - 91.

### Reports

- Nguyen-Hoang, Phuong, and Duncombe, William. 2012. *Earmarked Revenues and Spending Volatility: The Case of Highway Finance*. MATC-UI Report 476.
- O'Connor, Noga, Gordon, Colin, and Fisher, Peter S. 2011. *The State of Working Iowa, 2011*. Iowa City: The Iowa Policy Project.
- O'Connor, Noga, Cannon, Andrew, Fisher, Peter S, and Gordon, Colin. 2011. *Fending for Themselves: Nonstandard Workers, Health Insurance Coverage and the Labor Market*. Iowa City: The Iowa Policy Project.

### Book Chapters

- Leicht, Kevin. 2012. Borrowing to the Brink: Consumer Debt in America. In, Katherine Porter, Broke: How Debt Bankrupts the Middle Class. Palo Alto, CA: Stanford University Press, 195-217.
- Southworth, Ann, Paik, Anthony, and Heinz, John P. 2011. Lawyers in National Policymaking. In, The Paradox of Professionalism: Lawyers and the Possibility of Justice. Scott L. Cummings, Ed. New York: Cambridge University Press, 220-242.

### Funded Research

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|--|-----------------------|-----------------------|
| The general social survey: an optimal sampling approach<br>(U.S. National Science Foundation)<br>Kevin Leicht – Principal Investigator | Aug 2009-<br>Aug 2012 | \$787,000<br>(funded) |
| The Iowa study on promoting successful aging within academic<br>institutions<br>(TIAA-CREF)<br>Kevin Leicht – Principal Investigator   | Jan 2010-<br>Dec 2012 | \$265,225<br>(funded) |

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| Addressing disclosure risk of contextualized microdata in the early stages of Survey Research<br>(US National Institutes of Health)<br>K. Witkowski (U of MI)/Kevin Leicht – Principal Investigators                 | Jan 2012-<br>Jan 2017  | UI Portion<br>\$166,986<br>(funded) |
| Collaborative research: violent victimization in the U.S.: the vulnerability of minorities and women over time<br>(U.S. National Science Foundation)<br>Karen Heimer – Principal Investigator                        | Apr 2011-<br>Mar 2013  | \$152,539<br>(funded)               |
| The general social survey: an optimal sampling approach (supplement)<br>(U.S. National Science Foundation)<br>Kevin Leicht – Principal Investigator  | Mar 2011-<br>Feb 2013  | \$147,575<br>(funded)               |
| Employee Caregiving and Retirement Pathways<br>(TIAA-CREF)<br>Brian Kaskie/Kevin Leicht – Principal Investigators  | Jan 2012-<br>Jan 2013  | \$100,000<br>(funded)               |
| Cross-national variation in the impact of children on parents' well being<br>(U.S. National Science Foundation)<br>Jennifer Glass – Principal Investigator   | Sept 2010-<br>Aug 2012 | \$74,000<br>(funded)                |
| Earmarked revenues, fiscal stress, and spending volatility: the case of highway finance and implications for freight movement<br>(Mid-America Transportation Center)<br>Phuong Hoang Nguyen – Principal Investigator | Jul 2011-<br>Jun 2012  | \$51,238<br>(funded)                |

## Environmental Policy Research

### Journal Articles

- M.A. Mena-Carrasco, E. Oliva, P.E. Saide, S.N. Spak, C. de la Maza, M. Osses, S. Tolvet, J.E. Campbell, C.C. Tsao, L.T. Molina (2012). Estimating the health benefits from natural gas use in transport and heating in Santiago, Chile. *Science of the Total Environment*, 429, 257-265,
- P.E. Saide, S.N. Spak, G.R. Carmichael, M.A. Mena-Carrasco, Q. Yang, S. Howell, D.C. Leon, J.R. Snider, A.R. Bandy, J.L. Collett, K.B. Benedict, S.P. de Szoeke, L.N. Hawkins, G. Allen, I. Crawford, J. Crosier, S.R. Springston (2012). Evaluating WRF-Chem aerosol indirect effects in Southeast Pacific marine stratocumulus during VOCALS-Rex. *Atmospheric Chemistry & Physics*, 12, 3045-3064.
- M.L. Grabow, S.N. Spak, T. Holloway, B. Stone, A.C. Mednick, J.A. Patz (2012). Air quality and exercise-related health benefits from reduced car travel in the Midwestern United States. *Environmental Health Perspectives*, 120, 68-76.
- C.C. Tsao, J.E. Campbell, M.A. Mena-Carrasco, S.N. Spak, G.R. Carmichael, Y. Chen (2012). Air pollution emissions from sugarcane ethanol in Brazil. *Nature Climate Change*, 2, 53-57 (highlighted in *Nature* 480: 295, 2011).

- D.S. Tkacik, Y. Luna-Cruz, N.E. Clinton, S.N. Spak, J. Ryan (2012). Atmospheric processing for MASTER imagery using localized modeled and observed meteorology and trace gases. *Remote Sensing Letters*, 3:3, 201-209.
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- P. Saide, G.R. Carmichael, S.N. Spak, L. Gallardo, A.E. Osses, M.A. Mena-Carrasco, M. Pagowski (2011). Forecasting urban PM10 and PM2.5 pollution episodes in very stable nocturnal conditions and complex terrain using WRF-Chem CO tracer model. *Atmospheric Environment*, 45, 2769-2780.
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- M. Huang, G.R. Carmichael, S.N. Spak, B. Adhikary, S. Kulkarni, Y. Cheng, C. Wei, Y. Tang, A. D'Allura, P. Wennberg, G. Huey, J. Dibb, J.L. Jimenez, A.J. Weinheimer, A. Kaduwela, C. Cai, M. Wong, R.B. Pierce, J.A. Al-Saadi, D.G. Streets, Q. Zhang (2011). Multi-scale modeling study of the source contributions to near-surface ozone and sulfur oxides levels over California during the ARCTAS-CARB period. *Atmospheric Chemistry & Physics*, 11, 3173-3194.

#### Reports

- S.N. Spak, J. Baek, J. Carlson, G.R. Carmichael, Y.J. Kim, N. Riemer, C.O. Stanier (2012). Episodic Air Pollution in Wisconsin during the 2009 LADCO Winter Nitrate Study, Phase II: Three Dimensional Modeling, Process Analysis, and Emissions Sensitivity. Lake Michigan Air Directors Consortium, 292 pp.

#### Presentations

- Saide, P.E., G.R. Carmichael, S.N. Spak, M.A. Mena-Carrasco. *Modeling marine boundary layer and stratocumulus clouds in the southeast pacific during vocals rex using wrf-chem: configuration and aerosol-climate interactions*. 2012 Annual Meeting of the American Meteorological Society, New Orleans, LA, 26 January 2012.
- Holloway, T.A., S.D. Plachinski, J.L. Morton, S.N. Spak. *Assessing Climate Impacts on Air Pollution from Models and Measurements*. 2011 American Geophysical Union Fall Meeting, San Francisco, CA, 5-9 December, 2011, GC31E-09.
- Kim, Y.J., S.N. Spak, C.O. Stanier, G.R. Carmichael, J. Baek, A. Fontaine, M. Janssen, D.M. Kanski, S.L. Shaw. *Secondary ammonium nitrate air pollution episodes in the U.S. Great Lakes region: sensitivity to NOx, NH3, and SO2 emission changes*. 2011 American Geophysical Union Fall Meeting, San Francisco, CA, 5-9 December, 2011, A32A-03.
- Marrapu, P., Y. Cheng, G.R. Carmichael, G. Beig, S.N. Spak, M. Lin, M. Decker, M.G. Schultz, W. Winiwarter. *Local and regional interactions between air quality and climate in New Delhi: a sector-based analysis*. 2011 American Geophysical Union Fall Meeting, San Francisco, CA, 5-9 December, 2011, GC33A-1054.
- Saide, P.E., G.R. Carmichael, S.N. Spak. *Seeing aerosol through clouds: assimilating submicron marine aerosol concentrations from satellite cloud retrievals*. 2011 American Geophysical Union Fall Meeting, San Francisco, CA, 5-9 December, 2011, A51B-01.

- Petrich, N.T., S.N. Spak, Z.L. Rodenburg, G.R. Carmichael, K.C. Hornbuckle. *Estimating hourly passive sampler mass transfer rates and concentrations in an urban landscape using a numerical weather prediction model*. SETAC Boston, Boston, MA, 13-17 November 2011.
- Marek, R., S.N. Spak, P.S. Thorne, J. DeWall, K.C. Hornbuckle. *PCBs and their hydroxylated metabolites in children and their mothers living in urban and rural communities*. SETAC Boston, Boston, MA, 13-17 November 2011.
- Spak, S.N., J. Baek, G.R. Carmichael, A. Fontaine, M. Janssen, Y.J. Kim, M. Koerber, M. Majewski, N. Riemer, C.O. Stanier. *Understanding fine particle episodes in the Upper Midwest during the 2009 LADCO Winter Nitrate Study using CMAQ and CAMx: model performance, processes, and response to emissions controls*. 2011 CMAS Conference, Chapel Hill, NC, 24-26 October 2011.
- Beig, G., S.K. Sahu, G.R. Carmichael, S.N. Spak, S. Reka, S. Kulkarni, S.D. Ghude, K. Ali, L. Jalkanen. *An integrated modeling and monitoring approach to forecast the air quality for a Mega City in Asia for Commonwealth Games 2010*. World Climate Research Programme Open Science Conference, Denver, CO, 24-28 October 2011.
- Sousan, S., J. Baek, S.N. Spak, N. Kumar, J. Oleson, G.R. Carmichael, C.O. Stanier. *Optimizing data assimilation parameters for improved CMAQ PM<sub>2.5</sub> estimates over the United States to inform epidemiological studies*. American Institute of Chemical Engineers 2011 Annual Meeting, Minneapolis, MN, 17 October 2011.
- Sousan, S., J. Baek, S.N. Spak, N. Kumar, J. Oleson, G.R. Carmichael, C.O. Stanier. *Optimizing data assimilation parameters for improved CMAQ PM<sub>2.5</sub> estimates over the United States to inform epidemiological studies*. 30<sup>th</sup> American Association for Aerosol Research Annual Conference, Orlando, FL, 3-7 October 2011, 485.
- Stanier, C.O., S.N. Spak, J. Baek, et al. *Overview of the LADCO Winter Nitrate Study: Modeling and measurement of hourly gas aerosol concentrations and meteorology during nitrate episodes*. 30<sup>th</sup> American Association for Aerosol Research Annual Conference, Orlando, FL, 3-7 October 2011, 659.
- Carmichael, G.R., Y. Cheng, S.N. Spak, P.E. Saide, P. Marrupu. *Sensitivity analysis of aerosols feedbacks on chemistry and climate at urban and regional scales*. American Chemical Society 2011 Annual Meeting, Denver, CO, 31 August 2011, 257.
- Spak, S.N., M.A. Mena-Carrasco, P.E. Saide, G.R. Carmichael. *Simulating aerosols, radiative forcing, and impacts on marine stratocumulus during VOCALS Rex*. 3rd VOCALS meeting, Miami, FL, 21 March 2011.
- Fenning, R., M. Beach, N. Benson, A. Bennett, A. Gebhart, E. Isaacs, Y. Li, H. Papineschi, M. Vitale, S.N. Spak. *Renewable Energy Asset Mapping in Dubuque*. National Planning Conference, Los Angeles, CA, 15 April 2012.
- Fenning, R., M. Beach, N. Benson, A. Bennett, A. Gebhart, E. Isaacs, Y. Li, H. Papineschi, M. Vitale, S.N. Spak. *Student Capstone Presentation: Renewable Energy Asset Mapping and Policy Implications in Dubuque, Iowa*. National Planning Conference, Los Angeles, CA, 15 April 2012.

### Funded Research

|   |                       |  |
|---|-----------------------|--|
| Sustainability-promoting local institutions<br>(U.S. National Science Foundation)<br>Lucie Laurian – Principal Investigator   | Sep 2011-<br>Aug 2014 | \$389,989<br>(funded)                  |
| Air quality impact of stationary power generation at the<br>University of Iowa<br>(UI Facilities)<br>Scott Spak – Principal Investigator  | Jul 2012-<br>Jun 2013 | \$169,594<br>(funded)                  |
| Ecosystem management of regionally abundant invasive weeds in an era<br>of global environmental change<br>(U of Colorado/U.S. DA)<br>Aaron Strong – Principal Investigator  | Dec 2010-<br>Jun 2012 | \$62,849<br>(funded)                   |
| Regional scale analysis of trace gas and aerosol distributions and the<br>development of emissions in support of the SEACARS mission<br>(U.S. NASA SEAC4RS)<br>Greg Carmichael – Principal Investigator   | Nov 2011-<br>Nov 2014 | PPC<br>portion<br>\$62,460<br>(funded) |
| Improving air quality analysis through a closer integration of<br>observations and models<br>(U.S. NASA AQUEST)<br>Greg Carmichael – Principal Investigator   | May 2011-<br>May 2016 | PPC<br>portion<br>\$57,127<br>(funded) |
| Transportation of the Chicago River closure to prevent an Asian carp<br>infestation<br>(Mid-America Transportation Center)<br>Aaron Strong – Principal Investigator   | Jul 2011-<br>Jun 2012 | \$50,598<br>(funded)                   |
| Constraining urban-to-global scale estimates of black carbon<br>distributions, sources, regional climate impacts and co-benefit metrics<br>with advanced coupled dynamic-chemical transport adjoint models<br>(U.S. EPA STAR)<br>Greg Carmichael – Principal Investigator | Sep 2011-<br>Aug 2014 | PPC<br>portion<br>\$40,800<br>(funded) |
| <i>Pending Research</i>   |                       |  |
| Sustainable and resilient integrated infrastructure designed for the<br>water-energy-transportation-agriculture nexus<br>(U.S. National Science Foundation)<br>Lucie Laurian – Principal Investigator   | Jul 2012-<br>Jun 2017 | \$170,165<br>(pending)                 |

**Total PPC funding**  
**Pending PPC funding**

**\$9,759,424**  
**\$2,839,622**

## Iowa Social Science Research Center (ISRC)

In 2011-12, the ISRC continued to offer survey data collection services, assistance with identifying and securing external funding, and post-award research support. It also provides an environment meant to encourage interdisciplinary research.

### Activities

- Assisted with the submission of 43 grant proposals for a total of \$9,906,640 in funding. Of the 43, six grants have been awarded for a total of \$794,453, and 19 are pending.
- Fielded eight new surveys or research-based initiatives.
- Scheduled seven surveys or research-based initiatives for summer and fall 2012, and provided costs estimates for an additional 16 projects, with nine pending
- Conducted 3,309 telephone interviews
- Trained 14 students (Data Collection Methodology and Human Subject Training and CITI Certification)
- Worked with 17 departments/units on grant development and survey research development and collection.
- Represented the UI at the Center for the Advanced Study of International Competitiveness Special Issue and Research Conference, titled *China Business and International Competitiveness: Economics, Politics, and Technology*

### Grants Awarded

|   |                        |
|---|------------------------|
| Assessing the role of Ecological Change on Economic and Demographic Transformations Between the Late Neolithic and Early Bronze Age in the Sizandro River Valley, Portugal<br>Katina Lillios and Joe Artz — Principal Investigators | \$235,534              |
| Workshop on the Meltdown of the Icelandic Economy<br>Paul Durrenberger — Principal Investigator   | \$104,787              |
| Color Coding: The Effect of Skin Tone on Health Outcomes<br>May Campbell— Principal Investigator<br>National Science Foundation   | \$174,132              |
| Zooarchaeological and Taphonomic Analysis of West Fork Rock Creek<br>100a275) Fauna<br>Matthew Hill — Principal Investigator  | \$5,000                |
| World Values Survey: Comparing Taiwan and Mainland China<br>Wenfang Tang — Principal Investigator<br>Chiang Ching-Kuo Foundation for International Scholarly Exchange   | \$75,000               |
| Managing International Water Conflicts<br>Sara Mitchell — Principal Investigator<br>United States Agency for International Development  | \$200,000<br>(pending) |



**Presentations/Activities**

Leicht, Kevin, Peter Damiano, Kristi Fitzpatrick, Lisa Werner, and Ben Earnhart. Social Science and the College of Education. Presentation at the College of Education. December 2011.

Leicht, Kevin, Kristi Fitzpatrick, Lisa Werner and Ben Earnhart. Social Science and Nursing Research. Presentation at the College of Nursing Forum. November 2011.

Iowa Social Science Research Center and Social Science Interest Group. Presentation at Social Science Interdisciplinary Group Colloquium. September 2011.

Kristi Fitzpatrick. Funding Strategies for Graduate Students in Political Science. Presentation. September 2011.

## Public Policy Center Faculty, Staff, Student 2011-2012

### Staff

|                    |  |
|--------------------|--|
| Natoshia Askelson  | Assistant Research Scientist, Health Policy                |
| Jerry Anthony      | Associate Professor, Urban and Regional Planning           |
| Cher Carney        | Research Specialist, Human Factors                         |
| Susan Chryslar     | Research Scientist/Engineer, NADs                          |
| Peter Damiano      | Director, PPC, Professor, Preventive & Community Dentistry |
| Kristi Fitzpatrick | Associate Director, Research Support Manager, ISRC         |
| Paul Hanley        | Associate Professor, Urban and Regional Planning & PPC     |
| Lisa Halm-Werner   | Administrative Services Specialist, ISRC                   |
| Karen Heimer       | Professor, Sociology                                       |
| Kathy Holeton      | Administrative Services Manager                            |
| Jon Kuhl           | Professor, Computer and Electrical Engineering             |
| Ray Kuthy          | Professor, Preventive & Community Dentistry                |
| Lindsay Lafayette  | Project Assistant  |
| Hosin 'David' Lee  | Professor, Civil Environmental Engineering & PPC           |
| Teresa Lopes       | Academic/Scientific Writer/Editor                          |
| Daniel McGehee     | Director, PPC Human Factors & Vehicle Safety               |
| Rudy Marcelino     | Administrative Services Coordinator                        |
| Elizabeth Momany   | Associate Research Scientist, Health Policy                |
| Phuong Nguyen      | Assistant Professor, Urban and Regional Planning           |
| Kevin Sellers      | Lead Database Administration, Health Policy                |
| Mireille Raby      | Research Associate, Human Factors                          |
| Michelle Reyes     | Research Associate, Human Factors                          |
| Scott Spak         | Assistant Professor, Urban and Regional Planning           |
| Aaron Strong       | Assistant Professor, Urban and Regional Planning           |
| Alex Sukalski      | IT Support Consultant                                      |
| Margaret Tyler     | Research Specialist, Health Policy                         |
| Madonna Weiss      | Research Assistant, Human Factors                          |
| Jean Willard       | Research Manager, Health Policy                            |
| Matthew Yohe       | IT Support   |

### Affiliated Faculty

|                  |  |
|------------------|--|
| Chris Atchison   | Director, Hygienic Lab and Professor, Public Health            |
| Robert Bacon     | Director, Disability Policy & Training                         |
| M. Asghar Bhatti | Professor, Civil & Environmental Engineering                   |
| Fred Boehmke     | Associate Professor, Political Science                         |
| Jon Carlson      | Professor, Law   |
| Donald Chi       | Assistant Professor, Dental Public Health, Univ. of Washington |
| Charles Connerly | Professor, Urban & Regional Planning                           |

|                    |   |
|--------------------|---|
| John Fuller        | Professor, Urban & Regional Planning                              |
| Jennifer Glass     | Professor, Sociology  |
| Colin Gordon       | Professor, History  |
| Carolyn Hartley    | Associate Professor, Social Work                                  |
| Michael Jones      | Professor, Biostatistics  |
| Lucie Laurian      | Associate Professor, Urban and Regional Planning                  |
| John Lee           | Professor, Industrial and Systems Engineering, Univ. of Wisconsin |
| Kevin Leicht       | Professor, Sociology & Director, ISRC                             |
| Jeff Murray        | Professor, Neonatology  |
| Thanos Papanicolau | Professor, CEE, Hydrosience and Engineering                       |
| Anthony Paik       | Associate Professor, Sociology                                    |
| Corinne Peek-Asa   | Professor, Occupational & Environmental Health                    |
| Matt Rizzo         | Professor, Neurology, Mechanical & Industrial Engineering         |
| Thomas Schnell     | Associate Professor, Mechanical & Industrial Engineering          |

### **Students**

|                         |                             |
|-------------------------|-----------------------------|
| Taha Ahmed              | Graduate Research Assistant |
| Matthew Anderson        | Graduate Research Assistant |
| Adam Richard Barnett    | Student Research Assistant  |
| Tyler James Beduhn      | Student Research Assistant  |
| Jennifer Braun          | Graduate Research Assistant |
| Garrett Scott Burell    | Student Research Assistant  |
| Michaela Byrne          | Student Research Assistant  |
| Rusty Carlson           | Student Research Assistant  |
| Knute Carter            | Graduate Research Assistant |
| Laura Feldman           | Student Research Assistant  |
| Kathryn Fields          | Graduate Research Assistant |
| Danny Freese            | Student Research Assistant  |
| Caitlin Fry             | Student Research Assistant  |
| Lelia Gessner           | Student Research Assistant  |
| Thomas Glueckert        | Graduate Research Assistant |
| Linnea Graffunder       | Graduate Research Assistant |
| Nathan Gross            | Student Research Assistant  |
| Shannon Harris          | Student Research Assistant  |
| Andrew Hesselink        | Student Research Assistant  |
| Adweta Joshi            | Graduate Research Assistant |
| Dowlin Johnson          | Student Research Assistant  |
| Golnaz Kavand           | Graduate Research Assistant |
| Kayleigh Karlovits      | Graduate Research Assistant |
| Jayarathane Karunarthna | Graduate Research Assistant |
| Andrea King             | Student Research Assistant  |

|                     |                             |
|---------------------|-----------------------------|
| Kyle Kingsley       | Graduate Research Assistant |
| Travis Kleinschmidt | Graduate Research Assistant |
| Joseph Lang         | Student Research Assistant  |
| Kristi Law          | Graduate Research Assistant |
| Philip Levchak      | Graduate Research Assistant |
| Suyun Ma            | Graduate Research Assistant |
| Adam Massick        | Student Research Assistant  |
| Susan Mckernan      | Graduate Research Assistant |
| Kelly Murphy        | Student Research Assistant  |
| Rory O'Connell      | IT Support                  |
| Ki Park             | Graduate Research Assistant |
| Rose Phillips       | Graduate Research Assistant |
| Ryan Posluszny      | Student Research Assistant  |
| Mark Pooley         | Graduate Research Assistant |
| Wesley Prokop       | Student Research Assistant  |
| Julie Reynolds      | Graduate Research Assistant |
| Kenneth Sanchagrin  | Graduate Research Assistant |
| Austin Sandler      | Student Research Assistant  |
| Michael Sean        | Student Research Assistant  |
| Cory Shannon        | Graduate Research Assistant |
| Tianhua Shao        | Graduate Research Assistant |
| Nikhil Sikka        | Graduate Research Assistant |
| Astha Singhal       | Graduate Research Assistant |
| Ericka Skemp        | Graduate Research Assistant |
| Rebecca Soglin      | Graduate Research Assistant |
| Jennifer Turchi     | Graduate Research Assistant |
| Ryne Vankrevelen    | Graduate Research Assistant |
| Emery Waterhouse    | Student Research Assistant  |
| Adam Woods          | Graduate Research Assistant |
| Hai Yu              | Graduate Research Assistant |