



**Bridging the Gap Between Policy and Social Good** The 2015-2016 Annual Report

## A MESSAGE FROM THE DIRECTOR



It is my pleasure to present the Public Policy Center's Annual Report for academic year 2015-16. All of our research, research support and community engagement activities are aimed to advance the public good and this report highlights many of our accomplishments in these areas from the past year. The center's mission synced up well this year with the University of Iowa's themed semester, <u>Just Living</u>, that focused exploration on issues related to social justice.

To achieve our goals, the center relies on funding from state and federal grants and contracts, private foundations, and the university. In 2015-16, we maintained \$29.38 million in active grants and contracts. The breadth of research topics this year included health care reform, teen driving distraction, bullying, wage theft in Iowa, driverless vehicle technology, vehicle safety, water and air quality, housing, income inequality, education policy and taxation, changes in school meal policy, and local school climate. The center provided 84 undergraduate and graduate students, from a wide variety of disciplines, with applied research training experience and opportunities to collaborate with their peers and colleagues.

To fulfill our community engagement mission, the PPC hosted 12 Forkenbrock Series

events, including lectures, day-long symposiums, on topics from drinking water quality and STEM Education Policy to the History of the Iowa Caucuses and the Political Discourse. We also helped to recreate the Policy Matters class for undergraduates as a <u>Big Ideas</u> course. We co-sponsored numerous events with other departments as well, including Robert Bullard's lecture, *The Wrong Complexion for Protection: Flint Water Crisis*, and conducted fundraising events for the UI Veterans Association and Iowa Women's Archives. We also collaborated with the <u>Iowa City Book Festival</u> and <u>One Community One Book</u> to bring Robert Reich and Bryan Stevenson to the community for public lectures.

Looking ahead to the coming year, I am excited to continue growing our research programs, especially our newer programs in <u>Social and Education Policy</u> and <u>Politics and Policy</u>, and provide new opportunities for faculty and others to engage with the center. We will continue our community partnerships, such as the ongoing collaboration between the PPC and Iowa City Community School District, measuring and addressing issues of school climate. The fall semester's Run up to the Election Series includes a variety of speakers, as well as a weekly blog focused on different policy issues in relation to the 2016 election.

Other significant change includes Dan McGehee beginning his role as the Director of the National Advanced Driving Simulator after 20 years at the PPC. This well-earned appointment recognizes Dan's success in leading the Transportation and Vehicle Safety Program here at the PPC. We want to sincerely thank Dan and everyone who has contributed to the success of that research program over the years and look forward to our future collaborations.

I am privileged to lead the Center's dedicated staff and faculty and am grateful for all their hard work and creativity that leads to our success in generating new knowledge and sharing it with the campus and beyond. On behalf of all of us, thank you for your support, and we look forward to working with you in 2016-17.

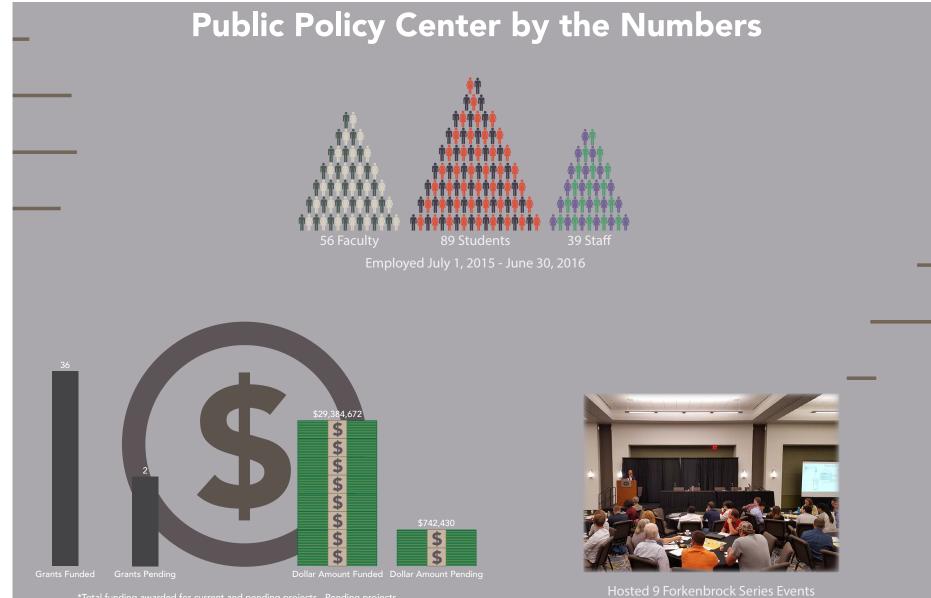
ALONE we can do so little; TOGETHER we can do SO MUCH.

~ Helen Keller





### **BY THE NUMBERS**



\*Total funding awarded for current and pending projects. Pending projects include those with project start/end dates that fall within the FY16 or beyond.

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## RESEARCH



### **Program Directors:**

The Public Policy Center employs 95 full-time research faculty/staff, and engages many researchers across campus in various disciplines. The dissemination of their research is accomplished through journal articles, policy reports and briefs, presentations, and public events. The breadth of research topics includes health care reform, teen driving distraction, bullying, wage theft in Iowa, driverless vehicle technology, vehicle safety, water and air quality, housing, income inequality, education policy and taxation, changes in school meal policy, and local school climate.

Our researchers collaborate with many state agencies, including the Iowa Departments of Public Health, Human Services, Education and Transportation. Nationally, collaborations have included the Department of Health and Human Services, the Environmental Protection Agency, NASA, the National Science Foundation, the National Institutes of Health the National Safety Council.

Our health policy researchers have had articles accepted at two top-tier journals this year, Medical Care and Health Services Research. Our research monographs also receive significant national and international attention through our website and through <u>Iowa Research Online</u>. Iowa Research Online is managed by the University of Iowa Libraries and features over 180 PPC papers that were downloaded more than 6,000 times in the past year.



Environmental Policy Research Program David Cwiertny

David Cwiertny Associate Professor, Civil and Environmental Engineering



<u>Health Policy</u> <u>Research Program</u> Pete Damiano Professor, Preventive and Community Dentistry



Iowa Social Science Research Center

Fred Boehmke Professor, Department of Political Science



<u>Politics and Policy</u> Research Program

Tracy Osborn Associate Professor, Department of Political Science



Social and Education Policy Research Program

Sarah Bruch Assistant Professor, Department of Sociology



<u>Transportation and Vehicle</u> <u>Safety Policy Research</u> <u>Program</u>

Dan McGehee Assistant Professor, Mechanical and Industrial Engineering, Occupational Health and Emergency Medicine

### **ENVIRONMENTAL POLICY RESEARCH PROGRAM**

RESEARCH

The Environmental Policy Research Program considers issues such as water use, pollution and climate change. These challenges are considered from an economic, legal, or policy perspective. David Cwiertny, associate professor of civil and environmental engineering, directs the program.

David Cwiertny, associate professor of civil and environmental engineering, directs the Environmental Policy Research Program.





The Environmental Policy Research Program received 1 grant totaling \$362,789.

More than 35 journal articles, reports, presentations, proceedings, briefs and blog posts were published or delivered.

The more clearly we can FOCUS our attention on the WONDERS and REALITIES of the UNIVERSE,

the less taste we shall have for destruction. ~ Rachel Carson



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The Environmental Policy Research Program helped coordinate a statewide symposium, *Iowa's Drinking Water: Could Flint Happen Here?* The event included panels of water experts from academia, industry and public sector.



### Fulbright Award

Jonathan C. Carlson, professor of law and international studies and Victor and Carol Alvarez Fellow in Law, received a Fulbright U.S.

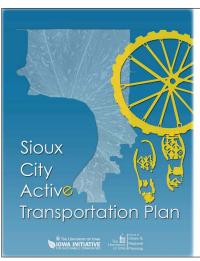
Scholar Award to Italy from the U.S. Department of State and the J. William Fulbright Foreign Scholarship Board. He will teach a course called Conflict of Laws (Private International Law) while researching international environmental law at the University of Trento in Trento, Italy, in Spring 2017.



David Cwiertny, director of the Public Policy Center's Environmental Research Program, has been named a 2016–17 Congressional Fellow

of the American Association for the Advancement of Science (AAAS).

Cwiertny, an associate professor of civil and environmental engineering and associate faculty research engineer at IIHR—Hydroscience and Engineering, is one of only two fellows chosen among more than 100 applicants. He will spend the next year in Washington, D.C., focusing on the science and technology of water policy.



The City of Sioux City, Iowa, adopted an active transportation plan designed by a group of University of Iowa students from the Iowa Initiative for Sustainable Communities. The students, who were advised by Scott Spak, assistant professor of urban and regional planning, recommended bike and pedestrian improvements like bike lanes, safer sidewalks and crosswalks, as well as implementation costs and timelines in the plan.

## HEALTH POLICY RESEARCH PROGRAM

The Health Policy Research Program investigates the effects of policy initiatives and government activities on cost of, access to, and quality of health care systems and their effects on consumers, health care providers, policymakers and businesses across Iowa and the nation.

Elizabeth Momany, associate research scientist at the PPC, is the assistant director of the Health Policy Research Program.

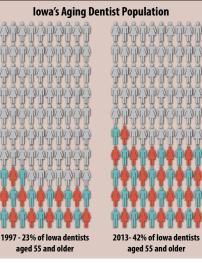


The Health Policy Research Program received 18 grants totaling \$10,749,168.



**Iowa Health and Wellness Plan** 

The Health Policy Research Program evaluated provider adequacy during the first year of the Iowa Health and Wellness Plan (IHAWP). IHAWP is an expansion of health care, allowed as part of the Affordable Care Act, primarily to single adults ages 19-64 with incomes below 133 percent of the Federal Poverty Level not otherwise eligible for Medicaid.



**Iowa's Dental Workforce** 

RESEARCH

Researchers from the Health Policy Research Program analyzed state workforce information collected by the Iowa Dentist Tracking System over a 17-year period, which may help prevent future dental-care shortages in Iowa. The study indicated that a large number of Iowa dentists are nearing retirement age, fewer dentists are practicing in rural areas, and the proportion of dentists who work in solo practice is declining. The research is the first longitudinal look at Iowa's dental workforce and aims to inform dental educators, workforce-development agencies, and health departments across the state about trends, with the goal of collaborating to prevent gaps in access.



**Smarter Lunchrooms** 

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Led by Natoshia Askelson, assistant professor in the College of Public Health, a partnership among the PPC, the College of Public Health, the Iowa Department of Education, and five high schools across the state aims to make healthy choices easier by empowering students to assess and change their lunchroom. The Smarter Lunchrooms Movement applies simple and low cost changes

to lunchrooms based on principles developed by the Cornell Center for Behavioral Economics in Child Nutrition Programs. The concept is that simple environmental changes – like displaying whole fruit, making the entrée with the greatest nutrition density most prominent in line, or giving vegetables creative names – have the power to "nudge" students to subconsciously make healthier eating choices while also improving school meal participation and decreasing waste.

### It is not enough to be COMPASSIONATE. You must ACT.

~ the Dalai Lama



More than 125 journal articles, reports, presentations, proceedings, briefs and blog posts were published or delivered.



Dr. Raymond Kuthy, professor in the Department of Preventive and Community Dentistry, was presented with the American Association for Public Health Dentistry (AAPHD) Distinguished Service Award at the 2016 National Oral Health Conference. The Distinguished Service Award is one of the AAPHD's highest awards, recognizing individuals for distinguished service to public health dentistry.

## POLITICS AND POLICY RESEARCH PROGRAM

RESEARCH

The Politics and Policy Research Program conducts research on local, state, national and international government and politics, and how these politics affect the creation of public policy. We also consider whether and to what extent governments "work" and the implications of government design.

Tracy Osborn, associate professor of political science, directs the Politics and Policy Research Program.

More than 35 journal articles, reports, proceedings, briefs and blog posts were published or delivered.





The Politics and Policy Research Program hosted a series of "Run Up to the Caucus" events in preparation for the 2016 Iowa Caucus. The events examined different political topics, such as election reform, campaign finance, political discourse, and others. The first event tied to the series was a lecture by Thomas Frank, author of *What's the Matter with Kansas*? on Feb. 4 (2014). Frank spoke on the topic, *What's the Matter with Liberals*? An April symposium, *The Politics of Immigration* followed, and the Public Policy Center co-sponsored two lectures in the fall, one by NPR correspondent Nina Totenberg (hosted by the UI College of Law) and one by Robert Reich as part of the Iowa City Book Festival. The series culminated in a day-long symposium, *Political Discourse: The Impact of Redistricting, Campaign Finance, and the Media.* 

Fred Boehmke, director of the Iowa Social Science Research Center and professor of political science, received a \$420,000 grant from the National Science Foundation to fund two years of research at the University of Iowa and three other universities - Penn State, Notre Dame and the University of Massachusetts. Public policy scholars and practitioners of politics often look to the states for innovative policies that can be emulated by other governments across the country, a process referred to as policy diffusion. Boehmke will produce a database on the adoption of hundreds of policies of American states, at least tripling the size of the largest database currently available

If we desire RESPECT for the LAW, we must first make the law RESPECTABLE

~ Louis D. Brandeis

and yielding a more representative sample of policies. Boehmke and his collaborators also hope to improve existing methods for inferring network ties in ways that are most suitable for policy diffusion research and implement it in a user-friendly package. They will build an interactive online portal to the data, complete with visualizations and automated analytics so that policymakers and other interested stakeholders can access a comprehensive look at the spread of innovation among state governments regarding financial, environmental, health, security and other social problem domains.

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Fred Boehmke and Tracy Osborn, along with Emily Schilling, won the Best Journal Article award in the State Politics and Policy section from the American Political Science Association for their article, "Pivotal Politics and Initiative Use in the American States," published in Political Research Quarterly. The award recognizes the best journal article on U.S. state politics or policy published during the previous calendar year in any peer-reviewed journal.

### **SOCIAL AND EDUCATION POLICY RESEARCH PROGRAM**

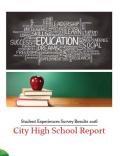
RESEARCH

The Social and Education Policy Research Program conducts research on crime and justice, including criminal offending, victimization, and imprisonment, on inequality and opportunity including the social and political implications of economic development, and on the implications of public finance policy.

Sarah Bruch, assistant professor of sociology, directs the Social and Education Policy Research Program



The Social and Education Policy Research Program received 2 grants totaling \$173,457.



City High School Report

Sarah Bruch, along with graduate students Tessa Heeren and Harper Haynes, presented findings from the School Climate Survey commissioned by the Iowa City Community School District (ICCSD) on Tuesday, April 26 at the ICCSD board meeting. Bruch's research team conducted the survey in February 2016 in partnership with the Iowa City Community School District. The survey is linked to the district's equity statement and equity plan, both approved by the Iowa City Community School Board last year. Bruch and team also presented their findings at a community event, "The Impact of Racial Injustice on Youth," on Thursday, April 28. The event included Legal Information and Neighborhood Relations with Police

and a youth panel that featured ICCSD students and alumni.

Bruch delivered a full report, three policy briefs, and individual reports to each school in the district upon completion of the study.



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~Marian Wright Edelman

The Social and Education Policy Research Program coordinated a weekly Inequality Seminar during the 2015-16 academic year. The Inequality Seminar is a seminar and speaker series that provides a forum on campus for faculty and graduate students who are interested in inequality broadly defined. It is an opportunity for faculty and graduate students to present their research and to hear about other inequality-related work from researchers on and offcampus. The seminar covered topics including, school district income taxes, community college attendance, U.S. immigration policy, information sharing and wage inequality.



More than 50 journal articles, reports, presentations, proceedings, briefs and blog posts were published or delivered.



Jerry Anthony (Urban and Regional Planning) created an online interactive map for the Public Policy Center to help policymakers, planners and housing advocates assess housing affordability trends in counties across the nation.

The recently released 2014 State of the Nation's Housing report

notes that the lack of affordable housing in the U.S. is at record levels. According to this report about 41 million households spend over 30% of their income on housing. About half of all renter households are cost-burdened with about 28% of renter households spending over 50% of their income on housing.

To see how much the need for affordable housing changed between 1990 and 2010 in counties of your choice, click <u>here</u>.

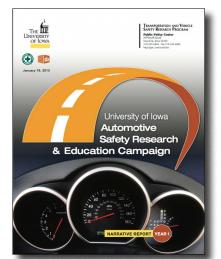
### **TRANSPORTATION AND VEHICLE SAFETY POLICY RESEARCH PROGRAM**

Transportation & Vehicle Safety Research program works to improve technology design through a better understanding of human behavior. The challenge is to match user needs with the optimal solutions—technological or otherwise.

Dan McGehee, assistant professor of mechanical and industrial engineering, occupational health and emergency medicine, directs the Transportation and Vehicle Safety Policy Research Program.



The Transporation and Vehicle Safety Policy Research Program received 15 grants totaling \$18,099,258.



More than 30 journal articles, reports, presentations, proceedings, briefs and blog posts were published or delivered.



RESEARCH

Daniel McGehee was the recipient of the 2015 Board of Regents Staff Excellence Award. McGehee has been researching every aspect of car crashes for over 20 years - from how, when and why they occur, to technologies for avoiding them altogether. His driver performance, distraction, and technology development research has led to innovative, interdisciplinary collaborations involving engineering, medicine, and public health. Results from his research help policy makers to improve government safety standards, as well as state and federal laws. While first generation safety systems were designed to help protect occupants in cars, his research deals with preventing or reducing the severity of crashes.

The Board of Regents Staff Excellence Award was formed to recognize staff members from Board of Regents institutions. Their accomplishments have significantly benefited the university, brought honor or recognition to the university, and had a significant positive impact on the State of Iowa.



A bridge made of Korean, ultra-high performance concrete, a project of UI Civil and Environmental Engineering Professor and PPC researcher Hosin Lee, was christened in Nov. 2015 in Buchanan County, Iowa. Engineers representing the University of Iowa, Iowa State University, and local and Korean dignitaries were present. Though initially more expensive than traditional concrete, the ultrahigh performance concrete reduces maintenance and repair costs, provides a durable surface, reduces permeability, arrests cracks, increases tensile strength and resists impact.

HINDSIGHT is a wonderful thing but FORESIGHT is better, especially when it comes to saving LIFE.



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The My Car Does What campaign officially launched in October 2015, and received an award from the North American Excellence Association for "association campaign of the year." The national campaign and <u>website</u> aims to help drivers better understand the latest safety and crash avoidance technologies, making it more likely they'll use them effectively as a result.

The Transportation and Vehicle Safety Policy Research Program partnered with the National Safety Council on the campaign.

Members of the team presented at a session and accepted the trophy in April 2016. The North American Excellence Awards were created to honor the most outstanding achievements of communications professionals in their field. With automotive technology rapidly changing and highway deaths and injuries on the rise, the need to educate drivers has never been greater. The research-driven, integrated campaign reached 3.8 billion impressions and increased visits to the website 414 percent in just nine months.

## **COMMUNITY ENGAGEMENT**

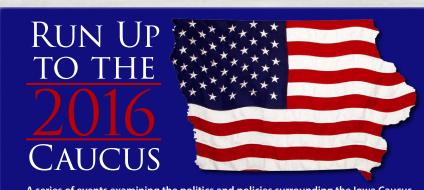
The Forkenbrock Series on Public Policy provides a forum for dialogue about policy areas from applied, academic, and interdisciplinary perspectives. The series was established in honor of David Forkenbrock, who established the PPC at the University of Iowa in 1987.

This year's Forkenbrock series placed a special focus on the January 2016 Iowa Caucus, examining several different issues surrounding the politics and policies of the Iowa Caucus, and the political process.

The series was launched during fiscal year 2015 with a lecture by Thomas Frank entitled, "What's the Matter with Liberals?", followed by an April 2015 symposium, "The Politics of Immigration." Those events were covered in the 2015 annual report.

### **Coming together** is a **BEGINNING**; keeping together **PROGRESS;** is working together is SUCCESS.

~ Henry Ford



A series of events examining the politics and policies surrounding the lowa Caucus

#### **Nina Totenberg Lecture**



**On September** 9, the Public **Policy Center** co-sponsored a talk by NPR Correspondent Nina Totenberg. The event was co-presented by the UI College of Law and UI Lecture

Committee, to a large audience in the Iowa Memorial Union's Main Lounge. Nearly 1000 attended.

Totenberg is the American legal affairs correspondent for National Public Radio, covering mainly the activities and politics of the Supreme Court of the United States. She shared many experiences with and anecdotes about the Supreme Court, including her part in Douglas Ginsburg's withdrawal from consideration for the Supreme Court, and in Clarence Thomas' Senate Judiciary Committee hearings.

#### **History of the Iowa Caucuses**

Tim Kraft, former special assistant to and Iowa Caucus campaign manager for President Jimmy Carter, spoke at The History of the Iowa Caucuses, held on Saturday, November 7 at the Herbert Hoover Presidential Library and Museum through a partnership of the museum, the Hoover Presidential Foundation, and the Public Policy Center.

Kraft related stories of Carter's Iowa victory and compared the '76 campaign to recent Iowa caucuses, noting that some of today's candidates spend as much as or more on a single campaign event than Carter spent on his entire Iowa effort.

Kraft's remarks were followed by a panel of former campaign managers, who talked about the significance of the Iowa Caucus and its evolution. In a second panel, reporters shared their experiences covering the Iowa caucuses.

The event ended with a Q&A, with all participants on the stage. C-SPAN filmed the event in its entirety, shown in three different clips here.

**Political Discourse Symposium** 



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The PPC's "Run Up to the Caucus" series culminated with Political Discourse: The Impact of Redistricting, Campaign Finance,

and the Media on Friday, December 4.

This day-long symposium considered three pressing problems of politics: redistricting, campaign finance laws, and how the media report on politics. The event examined the scope of each problem, and experts commented upon possible public policy solutions to these key problems of elections.

US Congressman Dave Loebsack welcomed the audience of approximately 150. The event was free and open to the public, and appropriately took place in the senate chambers at the Old Capitol Museum on the University of Iowa campus.

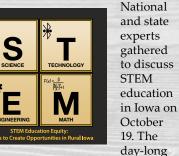
Video of the event can be viewed here.

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EDUCATION

## COMMUNITY ENGAGEMENT

**STEM Education Equity Symposium** 



symposium, STEM Education Equity: Polices to Create Opportunities in Rural Iowa, presented an overview of STEM in Iowa and innovations in rural areas across the US, and examined needs of disadvantaged students in rural areas. Included in the discussions were next generation science standards, schoolbusiness partnerships, diversity in the STEM pipeline, and legislative perspectives.

The event featured keynote speakers Jeffrey Weld, Executive Director of the Iowa Governor's STEM Advisory Council; Linda Rosen, CEO of Change the Equation; and Okhee Lee, professor in the Steinhardt School of Culture, Education, and Human Development at New York University.

The symposium was co-hosted by the University of Iowa College of Education and Iowa NSF EPSCoR. Video of the event can be viewed here.



**Iowa's Drinking Water Symposium** 

On Friday, June 17, keynote speaker Peter Glieck of the Pacific Institute kicked off Iowa's Drinking Water: Could Flint Happen Here?, which explored the current state of Iowa's drinking water and the future challenges confronting water providers in the state to deliver safe drinking water to Iowans. Co-organized by the Public Policy Center and the Center for Health Effects of Environmental Contamination (CHEEC), this all day event included panels of water experts from academia, industry and the public sector, including the Iowa Department of Natural Resources (DNR). See video here.

In light of recent, high profile public health crises arising from drinking water contamination around the US, a special focus was placed on whether drinking water supplies in Iowa are susceptible to similar vulnerabilities experienced elsewhere. This included a presentation by Joyce Zhu, a member of the Flint Water Study, who shared first-hand experiences and lessons learned from the public health crisis in Flint, Michigan. Beyond Flint, panel topics addressed other potential threats to the sustainability of Iowa's drinking water supplies.

#### **Guest Speakers**

The PPC also hosted or co-hosted several speakers this year.

Tim McCollow



On Thursday, February 4, Tim McCollow, project manager for Milwaukee's HOME GR/OWN initiative, discussed Milwaukee's urban food movement, and demonstrated how city vacancies and neighborhoods have been transformed with healthy food access and greenspace developments.



On Tuesday, February 9, the PPC, in partnership with the UI College of Law and UI Lecture Committee, presented, Covering ISIS: A

Journalist's Challenge by Ben Plesser, a senior producer from NBC News. The lecture was held at Shambaugh Auditorium at the UI Main Library, and was co-sponsored by the Public Policy Center, the UI College of Law, and the UI Lecture Committee.

Plesser talked about and showed film from some of his riskier assignments, including a trip into Syria to interview a militant jihadist about his treatment of prisoners, and footage of himself and crew very narrowly dodging gunfire after sneaking across the Syrian border. **Robert Bullard** 

PUBLICATIONS

As part of the "Just Living" Theme Semester the PPC and the UI Lecture Committee cosponsored The **W**rong Complexion for

Protection: Flint Water Crisis presented by Robert D. Bullard on Tuesday, April 19 at the Englert Theatre.

Bullard is often described as the father of environmental justice. He received his Ph.D. degree from Iowa State University, and is the author of eighteen books that address sustainable development, environmental racism, urban land use, industrial facility siting, community reinvestment, housing, transportation, climate justice, emergency response, smart growth, and regional equity.



Mary Beth Tinker visited Iowa City to speak about the Tinker case and the state of free speech among America's young people. The

Herbert Hoover Presidential Library and Museum co-sponsored this event.

Tinker was among a small group of students from Des Moines who, in December 1965, wore black armbands to school to mourn those lost on both sides if the Vietnam War. School officials suspended her, and her First Amendment case ended up with the U.S. Supreme Court, which upheld the students' right to wear armbands, and made clear that all students have First Amendment rights. See video here.

## **EDUCATION**

During AY 2015-16, the PPC employed 103 students in many capacities including Research Assistants, administrative support and as data collectors. Many of our events aim to engage the student community in policy-relevant research happening across campus. The center also supported the Policy Matters class and assisted with it transitioning to the "Big Ideas" format. This undergraduate course focused on the policy challenges posed by the search for economic security and equality of opportunity. Each topical unit concluded with a public forum, bringing together the campus and local community to discuss major social issues facing us today. EDUCATION is the most POWERFUL weapon which you can use to CHANGE the WORLD.

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~ Nelson Mandela

### Student Spotlight: Tessa Heeren



Tessa Heeren served as a research assistant in the Health Policy Research Group during the 2015-2016 academic year.

As a student, Heeren utilized network analysis software to carry out an organizational evaluation of the Public Policy Center. A team of Public Policy Center stakeholders in administration and leadership roles assisted with the develop of the project, which had the goal of measuring the impact of research carried out by PPC staff and faculty. In order to quantitatively characterize the PPC's impact, a survey was constructed and sent to staff and faculty at the PPC. The survey asked about types of professional relationships, such as co-authorship for grants and research articles, collaboration for events and dissemination efforts, and professional ties across disciplines and sectors. The final product of this exploratory project assisted in the identification of strengths and areas for improvement, provided a baseline for future evaluations, and can be used to inform decisions related to the strategic direction of the PPC. Heeren graduated from the School of Social Work in the UI College of Liberal Arts and Sciences, earning a Master of Social Work degree (M.S.W.) in May 2016. At the School of Social Work graduation ceremony, she received the Director's Award, an honorary award that recognizes graduating students who have demonstrated outstanding scholastic achievement, creativity, leadership and service accomplishments. The Director of the School of Social Work selects the recipients from those nominated by the School's faculty.

Heeren was also the recipient of the Mildred J. Snider scholarship, which was created in memory of a former School of Social Work faculty member who was active in advocacy and policy change. The award is given annually to a social work graduate student who demonstrates a strong potential for advancement of social policies related to community development and social service integration. The recipient will engage in policy studies that involve the systematic analysis of the mix of government and non-government policy and program development in social welfare at federal, state and local levels.

Heeren traveled to Cluj-Napoca, Romania, as a participant in the Minority Health and Health Disparities International Research and Training (MHIRT) program from June 6 to Aug. 4, 2016. The MHIRT internship is funded by the National Institutes of Health and administered by The Center for International Rural and Environmental Health (CIREH) in the UI College of Public Health. While working at the Cluj School of Public Health at Babes-Bolyai University, Heeren contributed to a health policy project, Research into Policy to Enhance Physical Activity (REPOPA). REPOPA is a five-year project that incorporates partnerships across seven countries – The Netherlands, Finland, Italy, Denmark, Canada, United Kingdom and Romania.

The REPOPA project brings together researchers from different disciplines and expertise, policy makers and citizen stakeholders to increase cultural competency in health care and research. The goal of REPOPA is to integrate scientific expertise and policy practice to promote physical activity in structural policy making. Since 2016 is the final year of the REPOPA project, Heeren's role included analyzing observational and survey data, writing sections of a scientific manuscript, and crafting final report publications for the general public.

# **IOWA SOCIAL SCIENCE RESEARCH CENTER (ISRC)**

RESEARCH

The year saw continued growth at the <u>ISRC</u>, as we have expanded our services to include statistical and data consulting for faculty and students, which includes one-on-one consulting and recurring workshops to introduce researchers to statistical software, programming languages, and advanced methodological techniques. We also welcomed a new full-time Project Manager and serve as the contact point and support center for secure access to restricted-use microdata at the new Central Plains Federal Statistical Research Data Center housed at the University of Nebraska, Lincoln.

Accomplishments from 2015-16:

- Assisted with the submission of 50 grant proposals for a total of \$5,084,390 of funding; of these, nine grants were funded for a total of \$574,549 and 12 proposals are still pending.
- Trained 12 University of Iowa students in social science research activities including data collection methodology and human subjects training.

Worked with 16 Departments/ Units and across five colleges on data collection and grant development activities Colleges on grant development, survey research development, and data collection including: Political Science, Sociology, Anthropology, Communication Sciences and Disorders, Geography and Sustainability Sciences, Linguistics, Health Management and Policy, Journalism and Mass Communication, Occupational and Environmental Health, History, Mathematics, Statistics, Orthopedics, Community and Behavioral Health, School of Social Work, School of Urban and Regional Planning, College of Liberal Arts and Sciences, College of Public Health, College of Law, College of Medicine, and the Division of Continuing Education.



• In addition to continuing projects initiated in 2014-2015, the center fielded 17 surveys or research-based initiatives (Health Information Technology, Active Ottumwa Study, Integrated Health Home 2015, Non ER Medical Transportation, Homebased Childcare Worker Health 2015, Hawkeye Poll 2015, Summer Session Survey, Polk County Supported Employment, Polk County Service Coordination, Polk County ISA/KEY/FACT, Families Affected by Flooding, Family Study Data Entry, Global Communities Baseline Public Perception Survey, Child and Family Survey Data Imputation, Sarcoma Focus Group Transcription, Medical Health Home, Indigenous Activism and Epidemiological Knowledge: An International Comparison Transcription).



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• Conducted 2,595 telephone interviews with average duration of 13 minutes; conducted mail surveys with 9,086 completed surveys returned; conducted web surveys with 3,055 completed online surveys.

Provided 26 methodological consultations to researchers in 16 different departments/units on campus (Anthropology, Clinical Psychology, Education, Epidemiology, Health and Human Physiology, College of Law, Linguistics, Management Sciences, Marketing, Medicine, Political Science, School of Dentistry, School of Social Work, Sociology, and the Speech and Hearing Center).

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- Provided 25 methodological workshops throughout the last year including topics on text analysis, R, and Python. The workshops were well attended with 321 attendees.
- Scheduled five surveys or researchbased initiatives for 2016-17 (Polk County Health Services 2016, Dental Wellness – Consumer, Dental Wellness – Provider, Home-based Child Childcare Worker Health 2016, Tanager Project Transcription).

## **IOWA SOCIAL SCIENCE RESEARCH CENTER (ISRC)**

RESEARCH

**Funded Grants** 

- Collaborative Research: An Expanded Framework for Inferring Public Policy Diffusion Networks. Frederick Boehmke, Department of Political Science, National Science Foundation; **\$95,938**
- Documentation of the Language of the Baduy (bac), Indonesia. William Davies, Department of Linguistics, National Science Foundation; **\$300,400**
- Attitudinal Policy Feedback and the Affordable Care Act. Juliana Pacheco, Department of Political Science, Russell Sage Foundation; **\$34,564**
- American Fellowships. Keisha Blain, Department of History, American Association of University Women Educational Foundation; **\$30,000**
- *Graduate Research Fellowship Program.* Addison Kimmel, Department of Anthropology, National Science Foundation; **\$46,000**
- Exploring Social Networks and Resources of Families at Risk for Adverse Childhood Experiences. Aislinn Conrad-Hiebner (School of Social Work), Elizabeth Menninga (Department of Political Science), Armeda Wojciak (Department of Rehabilitation and Counselor Education), Tanager Place; **\$29,966**
- POLST Toolkit Project: Using POLST to Honor Patient Wishes across the Care Continuum. Mercedes Bern-Klug, School of Social Work, Oregon Health and Science University; **\$5,200**
- United Way Asset Mapping: College Attainment. Megan Gilster, School of Social Work, United Way of Muscatine; **\$7,634**
- *Global Communities Baseline Public Perception Survey.* Frederick Boehmke, Department of Political Science, Global Communities; **\$24,847**



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~Kurt Lewin

# PUBLICATIONS

Environmental Policy Research Program- Journal Articles

J.S. Bril, K.L. Langenfeld, C.L. Just, S.N. Spak, T.J. Newton., Simulated mussel mortality thresholds as a function of mussel biomass and nutrient loading, PeerJ, in review.

M. Bilal, J.E. Nichol, S.N. Spak, A new approach for estimation of hourly fine particulate concentrations using satellite aerosol optical depth and binning of meteorological variables, Aerosol and Air Quality Research, in press, doi:10.4209/aaqr.2016.03.0097.

A. Martinez, S.N. Spak, N.T. Petrich\*, D. Hu, G.R. Carmichael, K.C. Hornbuckle, (2015). Atmospheric dispersion of PCB from a contaminated Lake Michigan harbor. Atmospheric Environment 122, 791-798, doi:10.1016/j.atmosenv.2015.10.040.

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K. Wammer, K. Anderson, P. Erickson, S. Kliegman, M. Moffatt, S. Berg, J. Heitzman, N. Pflug, K. McNeill, D. Martinovic-Weigelt, R. Abagyan, D. M. Cwiertny, E.P. Kolodziej, (2016) Environmental Photochemistry of Altrenogest: Photoisomerization to a Bioactive Product with Increased Environmental Persistence via Reversible Photohydration. Environ. Sci. Technol. 50, 7480-7488.

K.T. Peter, J.D. Vargo, T.P. Rupasinghe, A. De Jesus, A.V. Tivanksi, E.A. Sander, N.V. Myung, D.M. Cwiertny, (2016) Synthesis, Optimization, and Performance Demonstration of Electrospun Carbon Nanofiber-Carbon Nanotube Composite Sorbents for Point-of-Use Water Treatment. ACS Appl. Mater. Inter. 8, 11431-11440.

J. Baltrusaitis, E.V. Patterson, M. O'Connor, S. Qu, E.P. Kolodziej, D.M. Cwiertny, (2016) Reversible Photohydration of Trenbolone Acetate Metabolites: Mechanistic Understanding of Product-to-Parent Reversion through Complementary Experimental and Theoretical Approaches. Environ. Sci. Technol. DOI: 10.1021/acs.est.5b03905.

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M.J. Nalbandian, M. Zhang, J. Sanchez, S. Kim, Y.-H. Choa, D.M. Cwiertny, N.V.Myung., (2015) Synthesis and Optimization of Ag-TiO2 Composite Nanofibers for Photocatalytic Treatment of Impaired Water Sources. J. Haz. Mater. 299, 141-148.

A.S. Ward, D.M.Cwiertny, E.P. Kolodziej, C.C. Brehm, (2015) Coupled Reversion and Stream-Hyporheic Exchange Processes Increase Environmental Persistence of Trenbolone Metabolites. Nature Communications. DOI: 10.1038/ncomms8067.

Laurian, L., M. Walker and J. Crawford, Implementing Environmental Sustainability in Local Government: The Impacts of Framing, Agency Culture and Structure in US Cities and Counties. International Journal of Public Administration.

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Benmarhnia, T., L. Schwarz and L. Laurian, Social Inequalities Related to Incinerator Emissions: an additional level of environmental injustice. Environmental Justice. 8(6): 213-219.

Funderburg, R. and L. Laurian, Bolstering Environmental (In)Justice Claims with a Quasi-Experimental Research Design. Land Use Policy. 49: 511-526.

Environmental – Reports

S.N. Spak, Sioux City Downtown Greenspace Plan, 2016

**Environmental – Presentations** 

Spak, S.N., Meteorology and Climate - Modeling for Air Quality Conference, Sacramento, CA, 16 September 2015.

Spak, S.N., Iowa United Nations Association Community Climate Forum, Cedar Rapids, Iowa, 17 September 2015.

Spak, S.N., GEEMaP Research Workshop, University of Iowa, 17 October 2015.

BY THE

S.N. Spak, E.A. Minor\*, F. Meyer, Z.L. Hall. , Planning Permaculture Food Systems in a Changing Climate. 55th Association of Collegiate Schools of Planning Annual Conference, Houston, TX, 24 October 2015.

J. Vargo, M.A. Grabow, S.N. Spak, J.A. Patz, Climate Change Mitigating Health Co-Benefits of Healthy Transportation. American Public Health Association 2015 Annual Meeting, Chicago, IL, 3 November 2015.

C.L. Just, D.O. Osterberg, S.N. Spak, The Iowa Superfund Research Program, Ecolotree, and the Town of Altavista Expand a Partnership. Superfund Research Program Annual Meeting, San Juan, PR, 16 November 2015.

J.E. Campbell, S.N. Spak, C.-C. Tsao, M.A. Mena, Y. Chen. , Alternative Land-Use Scenarios for Bioenergy Production in the U.S. and Brazil American Geophysical Union Fall Meeting 2015, San Francisco, CA, 14 December 2015.

J. Szykman, S.N. Spak, G.R. Carmichael, D.K. Henze, R. McNider, R.B. Pierce, T. Plessel, M. Freeman, H.-D. Choi, A.C. Lynch\*., NASA AQAST Tiger Team: Web-Enabled Tools for Air Quality Management - Extending use of the EPA Remote Sensing Information Gateway (RSIG). 10th Biennial NASA Air Quality Applied Science Team Meeting, Research Triangle Park, NC, 6 January 2016.

G.R. Carmichael, P. Lee. R.B. Pierce, D. McNider, E. Russel, E. Hyer, Y. Liu, A. Pour Biazar, Y. Hu, M.T. Odman, S.N. Spak, D. Edward, Y. Tang, L. Pan, H. Kim, D. Tong, . AQAST 2011-2015 achievements, and TT Air Quality Reanalysis Project. 10th Biennial NASA Air Quality Applied Science Team Meeting, Research Triangle Park, NC, 6 January 2016.

V. Borde, B. Curtis, P. Just, K. Gandhi, L. Laurian, S.N. Spak., Greening 45 Blocks of CBD: Sioux City, Iowa. 2016 National Planning Conference, Phoenix, AZ, 3 April 2016.

K. Lain, S.N. Spak, M. Schukking\*, H.S. Udaykumar., Estimation of Resource Availability for Miscanthus as a Dedicated Bioenergy Crop in the State of Iowa. International Conference on Power Engineering, Charlotte, NC, 27 June 2016.

L. Laurian, "Urban Forestry and biodiversity," talk given to the University of Iowa Student Environmental Coalition, UI Office of Sustainability, March 24 2016.

L. Laurian, "Ecopolis Iowa City: Mosquito Flats to Pawpaw Patch," Introduced and moderated the forum, Iowa City Public Library, April 4 2016.

L. Laurian, "Urban Planning is up for discussion," talk given at the Iowa City Northwest Junior High School, Dec. 18 2015.

L. Laurian, "Third anniversary of Hurricane Sandy" Panel sponsored by the University of Iowa Center for Human Rights, Global Health Studies and Iowa Physicians for Social Responsibility, Oct 29 2015.

L. Laurian, "When irresistible forces meet immoveable subjects: facing the challenging subject of opposition in planning," Roundtable at the Association of the Collegiate Schools of Planning Conference, Houston, Oct 22-25 2015.

L. Laurian, "What time is this place now?" presented at the Association of the Collegiate Schools of Planning Conference, Houston, Oct 22-25 2015.

**Environmental – Awards & Recognition** 

Scott Spak, NASA Group Achievement Award, 2015 for the 2013 Studies of Emissions and Atmospheric Composition, Clouds, and Climate Coupling by Regional Surveys (SEAC4RS) field campaign, awarded for outstanding contributions to the NASA Mission

Dave Cwiertny, Invited Participant, National Academy of Engineering Frontiers of Engineering Education Symposium (2015)

Dave Cwiertny, Selected as AAAS Congressional Fellow (for appointment September 1, 2016)

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Kateeb, ET; Warren JJ, S; Gaeth, G; Momany ET; Damiano, PC., "Understanding Pediatric Dentists' Dental Caries Management Treatment Decisions: A Conjoint Experiment." Jl of Dent Research Clin and Trans Research. Online First Published March 2016.

Kateeb ET, McKernan SC, Gaeth GJ, Kuthy RA, Adrianse NB and Damiano PC., Predicting dentists' decisions: a choice-based conjoint analysis of Medicaid participation. J of Pub Hlth Dent. DOI: 10.1111/jphd.12126

Singhal A, Momany ET, Jones Michael P, Caplan Daniel J, Kuthy Raymond A, Buresh Christopher, Damiano PC., Dental Care after an Emergency Department Visit for Dental Problems among Medicaid Enrolled Adults. J AM Dent Assoc. 2016 Feb;147(2):111-9.

McKernan SC, Reynolds JC, Momany B, Kuthy RA, Kateeb ET, Adrianse NB, Damiano PC. , Private practice dentists and their role in the dental safety net: altruistic attitudes and capacity for Medicaid expansion. Journal of the American Dental Association 2015;146(1):34-41.e3. PubMed PMID: 25569496. DOI: 10.1016/j.adaj.2014.11.014

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Reynolds, J; Damiano, P; Glanville, J; Oleson, J; McQuistan, M., "Neighborhood and Family Social Capital and the Oral Health of Children in Iowa". Journal of Community Dentistry and Oral Epidemiology. Epidemiology 2015 PubMed PMID: 26179518. DOI: 10.1111/cdoe.12182

McKernan SC, Kuthy RA, Hanley PF, Jones MP, Momany B, McQuistan MR, Damiano PC., Geographic variation of dental utilization among low income children. Health & Place 2015;34:150-156.

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Park, K, Damiano P., Examining disclosure of gambling problems using the integrated model of health disclosure decision-making. Journal of Applied Communication Research. Under review.

Singhal A, Caplan DJ, Jones MP, Kuthy RA, Momany ET, Buresh CT, Damiano PC., Parental Perceptions of Avoidability of their Child's Emergency Department Visit. Emergency Medicine Journal. Under review.

Wehby G, Shane D, Kuthy R, Momany E, Chi D, Joshi A, Damiano P., The effects of distance to dentists and dentists supply on children's use of dental care. Health Services Research. Under Review.

Kuthy RA, McKernan SC, Reynolds JC, Damiano PC., "Rise of Managed Care in the USA: Lessons for Dentistry." Current Oral Health Reports. In Press.

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Kuthy RA, McKernan SC, Hoyle DA, Design and development of an interactive website to facilitate in-state retention of new dentists. Journal of Dental Education 2016;80(6):686-690.

McKernan SC, Pooley MJ, Momany B, Kuthy RA, Travel burden and dentist bypass among dentally insured children. Journal of Public Health Dentistry. 2016. DOI: 10.1111/jphd.12139

McDonald, A. B., McGehee, D. V., Chrysler, S. T., Askelson, N. M., Angell, L. S., & Seppelt, B. D., (2016). National survey identifying gaps in consumer knowledge of advanced vehicle safety systems. Transportation Research Record: Journal of the Transportation Research Board, N. 2559, DOI: 10.3141/2559-01

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Askelson, N. M., Lubker-Cornish, D., & Golembiewski, E. H., It's a long way from the farm to the school: Rural school food service director perceptions on voluntary school meal reforms. In press. Journal of Agriculture, Food Systems, and Community Development.

Askelson, N. M., Edmonds, S. W., Momany, E. T., & Tegegne, M., Understanding clinic practices for HPV vaccination series completion: Survey of clinic managers in Iowa. In press Sexually Transmitted Disease

Xie Y, Yuexin Tang, Wehby GL, "Federal Health Coverage Mandates and Healthcare Utilization: The Case of the Women's Health and Cancer Rights Act". Journal of Women's Health. 2015; 24:655-662.

Wehby GL, Jones MP, Ullrich F, Lou Y, Wolinsky F, Does the Relationship of the Proxy-Reporter to the Target Person Affect the Concordance of Survey-Reports and Medicare Claims?". Health Services Research. 2016; 51:314-327.

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Wehby GL, Collet B, Barron S, Romitti P, Ansley T, "Trajectories of Academic Achievement of Children and Adolescents with Oral Clefts." Archives of Disease in Childhood. 2015; 100: 1148-1154.

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Charles Courtemanche, Josh Pinkston, Christopher Ruhm, and George Wehby, "Can Changing Economic Incentives Explain the Rise in Obesity?" Southern Economic Journal. 2016; 82:1266-1310.

Padmaja Ayyagari, Dan Shane, and George Wehby, "The Impact of Medicare Part D on Emergency Department Visits". 2016. Forthcoming at Health Economics.

Dorthe Almind Petersen, George L. Wehby, Jeffrey C. Murray, Kaare Christensen, Psychiatric Diagnoses in Individuals with Non-syndromic Oral Cleft: A Danish Population-Based Cohort Study. PLOS One. 2016; 11: e0156261.

Lou Y, Jones MP, Ullrich F, Cram P, Edmonds SW, Wehby GL, Wolinsky F, "Predictors of Bone Mineral Density Testing among Older Women on Medicare". Forthcoming at Osteoporosis International.

George Wehby, Lucas Gabriel Gimenez, Jorge Lopez-Camelo, "The Impact of Unemployment Cycles on Child and Maternal Health in Argentina". Forthcoming at the International Journal of Public Health.

Ward MM, Ullrich F, Potter AJ, Mackinney A, Kappel S, Mueller KJ, (2015). Factors Affecting Staff Perceptions of Tele-ICU Service in Rural Hospitals. Telemedicine and e-Health, 21(6):459-66. PMID: 25734922

Weigel P, Ullrich F, Shane D, Mueller KJ, (2015). Variation in Primary Care Practice Patterns by Rural-Urban Location. Journal of Rural Health, 32(2):196-203. http://onlinelibrary.wiley.com/doi/10.1111/jrh.12146/full

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Potter AJ, Trivedi AN, Wright B, Younger Dual-Eligibles Who Use Federally Qualified Health Centers Have More Emergency Department Visits, But Some Have Fewer Hospitalizations. Forthcoming in Journal of Primary Care & Community Health.

Wright B, Potter AJ, Trivedi AN, Use of Federally Qualified Health Centers and Potentially-Preventable Hospital Utilization among Older Medicare-Medicaid Enrollees. Forthcoming in Journals of Ambulatory Care Management.

Wright B, Potter AJ, Nattinger MC, Iowa Wavering on Medicaid: From Expansion to "Modernization." Forthcoming in Journals of Health Politics, Policy and Law.

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Kuthy RA, McKernan SC, Hanley PF, Dentist practice location demand threshold at the community level. 45th Annual Meeting & Exhibition of the AADR, 2016.

Kuthy RA, McKernan SC, Hoyle D, Designing an interactive website to facilitate recruitment of dentists: Iowa. 12th Annual AAMC Health Workforce Research Conference, 2016.

Marshall TA, McKernan SC, Handoo NQ, Evaluation of changes to a problem-based learning curriculum. 2016 ADEA Annual Session & Exhibition, 2016.

Damiano PC, Reynolds JC, Hernson J, McKernan SC, Kuthy RA, Patient-Centered Dental Home: Developing a model for quality improvement and health care integration. National Oral Health Conference, 2016.

### Health – Presentations

Damiano, P., Evaluation of Iowa's Medicaid Expansion Program. Invited presentation at National Meeting of Medicaid evaluators at the Urban Institute. Washington, DC. November 19, 2015.

Damiano, P., Update on the ACA and Dentistry. Invited presentation to the ADEA Annual Session. March 2016. Denver CO.

RESEARCH

Atchison K, Mouden L, Foley M, Damiano P, Kusiak J, Dye B, Clark D, The Importance of Big Data for improving oral health for vulnerable populations through increased involvement of the patient care, research, and payer community. Accepted for a panel discussion at the National Oral Health Conference, Cincinnati, OH. April 2016

McKernan SC, Pooley M, Momany B, Kuthy RA, Travel burden as a barrier to dental care for children. 45th Annual Meeting & Exhibition of the AADR, 2016.

McKernan SC, Pooley M, Momany B, Kuthy RA, Travel burden as a barrier to dental care for children. 45th Annual Meeting & Exhibition of the AADR, 2016.

Askelson, N. M., (August 2015). Evaluating your cycle III outreach and enrollment grant. Webinar. Centers for Medicare and Medicaid. Webinar.

McDonald, A., McGehee, D., Chrysler, S., Askelson, N. A. Angell, L., & Seppelt, B., (January 2016). National Survey Identifying Gaps in Consumer Knowledge of Advanced Vehicle Safety Systems. Presentation. The Transportation Review Board Annual Meeting. Washington, D. C

Bentler, S, Academy Health Annual Research Meeting, State Health Research and Policy Interest Group Meetings, Minneapolis, MN: "Iowa Health and Wellness Plan: Early Results from Iowa's Private Medicaid Expansion."

Shane, D, "Is the ACA Bringing the Family Back Together (for Tax Purposes)? Investigating the Dependent Coverage Mandate Effect on Dependent Tax Exemptions", 6th Biennial Conference of the American Society of Health Economists, podium presentation

Mueller, K, Health Services Research Meet Policy and Practice to Benefit Rural People; UI College of Public Health; Distinguished Faculty Lecture; Aug. 27, 2015

Mueller, K, Venturing Into A Brave New World of Healthcare Finance; Heartland Physician Alliance, Heartland Physicians Corporation; Kirksville, Missouri; Invited Lecture; March 22, 2016

Mueller, K, Pathways to Success in a New World of Health Care Finance; The 31st Annual Rural Health Care Symposium, California Hospital Association, San Diego, California; Keynote/Plenary Address; April 7, 2016

Mueller, K, Pathways to Success in a New World of Healthcare Finance; 31st Annual Rural Health Care Symposium, California Hospital Association, California Hospital Association, San Diego, California; Keynote/Plenary Address; April 7, 2016

Mueller, K, Continuing the Journey to Oz: Finance and Organization Change as a Means to an End; 14th Annual Western Region Flex Conference, University of Nevada School of Medicine; Tucson, Arizona; Invited Lecture; June 9, 2016

Mueller, K, How the Changing Marketplace Creates Challenges and Opportunities in Rural Health; SORH Regional Partnership Meeting - Region A, National Organization of State Offices of Rural Health, Portsmouth, New Hampshire; Invited Lecture; June 16, 2016

Mueller, K, Laying the Bricks on the Road to a High Performance System, Region E Grantee Meeting, SORH, Big Sky, Montana, July 8, 2015

Mueller, K, Policy and Practice Evolution to Population Health, Annual Conference, Iowa Rural Health Association, Des Moines, Iowa, September 10, 2015

Mueller, K, Advancing the Transition to a High Performing rural Health System, Health Resources and Services Administration, US HHS, Webinar Presentation, August 25, 2015

Mueller, K, The Continuing Spread of ACO Presence in Rural Places, 39th Annual, National Rural Health Association Conference, National Rural Health Association, Minneapolis, Minneapolis, Lecture, May 11, 2016

Atchison C, Improving Health, Lowering Costs: Translating Population Health into Effective State Policy; NASHP Annual State Health Policy Conference, NASHP, Dallas, Texas; Oct. 2015

Atchison C, State Hygienic Laboratory Legislative Focus; Iowa Public Health Association Legistlative Forum, IPHA, Des Moines, Iowa; Dec. 2015

NUMBERS

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Atchison C, Overview of the State Hygienic Laboratory; Cedar Rapids Downtown Rotary, Cedar Rapids, Iowa; Downtown Rotary, Iowa City; June 2016

Atchison C, The L-SIP Update: Stories from Recent L-SIP Participants; Association of Public Health Laboratory Annual Meeting, Association of Public Health Laboratories, Albuquerque, New Mexico; June 2016

Neal Pollock, Jill Wittrock, Ki H. Park, Rod J. Muilenburg, & Mary E. Losch, (2016). Within-Household Selection for Telephone Surveys: Findings from Two Statewide Surveys in Iowa. AAPOR annual conference, Austin, TX.

Bacon, R, Supporting Individuals with Co-Occurring Intellectual Disability & Challenging Behavior: Lessons Learned from Iowa's Money Follows the Person Program, Iowa Governor's Conference on Aging and Disabilities, May 25, 2016.

Fluharty, Charles W, Commencement Address, Iowa Wesleyan University, Mount Pleasant, IA. May 7, 2016.

Fluharty, Charles W, Plenary Panel Session: Federal Policy and the White House Rural Council. Presented to the Rural LISC Seminar XXV. May 25, 2016.

Fluharty, Charles W, Thinking "Bigger" About Smaller Places: the "Adjacent-Possible", Collective Impact, and West Virginia's Next Generation. Presented to the West Virginia Community Development Hub, Hubapalooza 2016, Summersville, WV. April 28, 2016.

Fluharty, Charles W, Creating Collective Impact: the SOAR Approach. Presented to the West Virginia University Law School, "Building a Resilient West Virginia: Taking Control of the Mountain States' Future" Conference, Morgantown, WV. April 8, 2016.

Fluharty, Charles W, Plenary Panel Session: the Future of the White House Rural Council. Presented to the 2016 National Association of Development Organizations' Washington Policy Conference, Washington, D.C. April 5, 2016.

Fluharty, Charles W, Building a New Generation Rural Arts and Culture Future. Presented to the National Association of Counties' Arts and Culture Commission, Washington, D.C. February 23, 2016.

Fluharty, Charles W, Thinking "Bigger" About Smaller Places: Capturing the "Adjacent Possible" Innovations. Presented to the NACo / NADO "Coal-Reliant Communities Innovation Challenge" Workshop, Charleston, WV. November 19, 2015.

Fluharty, Charles W, Beyond Rural Walls: Identifying Economic Impacts and Interdependencies upon Rural and Urban Spaces Keynote Panel. Presented to the National Telecommunications Association, Washington D.C. November 18, 2015.

Fluharty, Charles W, Concluding Moderator, White House Convening on Rural Placemaking, Washington D.C. November 17, 2015.

Fluharty, Charles W, Creating Collective Impact: The SOAR Approach. Presented to the Brookings Institution / University of Columbia "Building a Better Future for Coal Workers and their Communities" Workshop, Washington, D.C. November 13, 2015.

Fluharty, Charles W, Thinking Bigger About Smaller Places: Collective Impact Investing, Adjacent-Possible Innovation, and the Power of a New Rural Narrative. Presented to the Delta Regional Authority, Delta Leadership Institute, Memphis, TN. October 21, 2015.

Fluharty, Charles W, Transitioning to a High Performance Rural Health System. Presented to the Southern Governors' Association 2015 Annual Meeting, St. Louis, MO. October 15, 2015.

Wright, B, Exploring Variation in the Use and Duration of Observation Care. Social Science Applied to Healthcare Improvement Research (SAPPHIRE), University of Leicester, United Kingdom. July 13.

Kuthy RA, McKernan SC, Hanley P, Proximity of dentists with retail businesses. AcademyHealth Health Workforce Interest Group Meeting, 2016.

Kuthy RA, McKernan SC, Hanley PF, Proximity of Iowa dentists with retail industries. National Oral Health Conference, 2016.

McKernan SC, Transportation barriers to dental care in Iowa's Medicaid expansion population. National Oral Health Conference, 2016. Reynolds JC, McKernan SC, Kuthy RA, (July 2015). Changes in urbanicity of Iowa dentists' practice locations, 1997-2013: Second in a series of issue briefs. Iowa City, IA.

Damiano PC, Momany B, Bentler S, McKernan SC., (December 2015). Iowa Wellness Plan evaluation interim report. Iowa City, IA: University of Iowa Public Policy Center.

Momany, Elizabeth T, Peter C Damiano, Suzanne E Bentler, Natoshia M Askelson, Phuong Nguyen-Hoang, and Dan M Shane, 2015. "Summary Report Of The Iowa Medicaid Medical Health Home: Evaluation Of A Health Home Program For Those With Chronic Illnesses". Iowa City, IA: University of Iowa Public Policy Center. Ingleshwar A, McKernan S, Momany E, Bentler SE, and Damiano PC. (2015) Effect of Chronic Physical and Mental Conditions on Dental Utilization. Paper presented at the National Oral Health Conference, Kansas City, MO,.

Health – Blogs and Editorials

Atchison, C, (2016). Nitrates and more: Water surveillance shows concerns Guest Opinion, Des Moines Register

Health - Awards

Mueller, K, 2016 Regents Award for Faculty Excellence, Board of Regents, State of Iowa

Atchison, C, Henry Albert Memorial Award, Iowa Public Health Association, 2016

Fluharty C., Inaugural recipient, Iowa Wesleyan University Medal of Merit, 2016

Wright, B, Exceptional Reviewer, Journal of Rural Health, 2016

BY THE

NUMBERS

Wright, B, John D. Thompson Prize for Young Investigators, AUPHA, 2016

Wright, B, James N. Murray Award (for excellence in research, teaching and service), University of Iowa, 2016

**Politics & Policy – Journal Articles** 

Donovan. T., C. Tolbert and K. Gracey, Campaign Civility under Preferential and Plurality Voting. Electoral Studies. 42: 157-163.

Redlawsk, D., N. Altema-McNeely and C. Tolbert, Racial Attitudes and Responses to Congressional Candidates. In Chris Galdieri, Tauna Sisco, and Jennifer Lucas Eds. Beyond the Midterms: Implications of the 2014 Election. University of Akron Press.

Boehmke, Frederick J., Tracy L. Osborn and Emily U. Schilling, Pivotal Politics and Initiative Use in the American States. Political Research Quarterly 68 (4): 665-677.

Boehmke, Frederick J. and Julianna Pacheco, Introduction to SPPQ Special Issue on Policy Diffusion. State Policies & Policy Quarterly 16 (1): 3-7.

Rene R. Rocha, Benjamin R. Knoll, and Robert D. Wrinkle, "Immigration Enforcement and the Redistribution of Political Trust," The Journal of Politics 77, no. 4 (October 2015): 901-913.

Anderson, Christopher C., Sara McLaughlin Mitchell, and Emily Schilling, "Kantian Dynamics Revisited: Time Varying Analyses of Dyadic IGO-Conflict Relationships." International Interactions 42(4): 644-676.

**Politics & Policy – Reports** 

Tolbert, C., K. Mossberger, C. Gordin and J. Pacheco, Project Outcomes Report for NSF Grant #1338471: BCC: Broadband Use Mapping, Data and Evaluation. National Science Foundation. www.research.gov.

Politics & Policy - Books

Mason, T. David and Sara McLaughlin Mitchell, What Do We Know About Civil Wars? Lanham, MD: Rowman & Littlefield Publishers.

**Politics & Policy – Presentations** 

C. Tolbert, Keynote Speaker, Ideas and Intersection Dinner: Iowa Caucuses, Hosted by Vice President for Research, Dan Reed, University of Iowa, November 2015

C. Tolbert, Discussant, Visions in Methodology Conference (VIM), Society for Political Methodology, American Political Science Association, University of California, Davis, May 2016.

C. Tolbert, Department of Political Science, University of California, San Diego, November 2015.

NUMBERS

ISRC

C. Tolbert, Partnership for Progress on the Digital Divide 2015 International Conference, Phoenix, AZ, October 2015

C. Tolbert, Dg.o 2015, International Research Conference on Digital Government, hosted by the School of Public Affairs in Phoenix at ASU, May 26-30, 2015. (The conference is sponsored by the Digital Government Society, and participants came from across the US and 20 countries)

C. Tolbert, Weidenbaum Center on the Economy, Government, and Public Policy, Washington University in St. Louis, October 2015

C. Tolbert, Ranked Choice Voting Short Course, American Political Science Association, San Francisco, CA, September 2015

C. Tolbert, Visions in Political Methodology Conference, Society for Political Methodology, American Political Science Association, University of Kentucky, May 2015

C., Innovative Broadband Evaluation Data Conference, Arizona State University, February 2015

Redlawsk, D., C. Tolbert and T. Donovan, At the Starting Gate: The 2016 Iowa Caucuses. Annual Meeting of the Midwest Political Science Association. April 2016.

Gracey, K., C. Juelich and C. Tolbert, Voter Mobilization Varying Local Election Systems, Preference vs. Plurality Elections. Annual Meeting of the Midwest Political Science Association. April 2016.

Donovan, T., C. Tolbert and K. Gracey, Understanding Election Rules and Political Behavior in Diverse Communities. Annual Meeting of the American Political Science Association, August 2015.

Redlawsk, D, N. Altema-McNeely and C. Tolbert, Racial Attitudes and Emotional Responses to 2014 Congressional Candidates. Annual Meeting of the American Political Science Association, August 2015.

F. Boehmke, 2016 Society for Political Methodology Summer Meeting (poster discussant).

F. Boehmke, 2016 Robert Wood Johnson Scholars in Health Policy Research: Celebrating 22 Years of Research at the University of Michigan (paper presentation). Leveraging Diffusion Networks to Enhance Policy Adoption. With Abigail Rury, Bruse A. Desmarais, and Jeffrey J. Harden.

F. Boehmke, 2016 Midwest Political Science Association Annual Meeting (paper presentation and discussant). Policy Diffusion and Crafted Political Talk. With Julianna Pacheco.

F. Boehmke, 2015 American Political Science Association Annual Meeting (paper presentation and discussant). American Indian Voter Turnout. With Richard Witmer.

F. Boehmke, 2015 Society for Political Methodology Summer Meeting (paper presentation). Missing Data in Spatial Regression. With Jude Hays and Emily Schilling.

F. Boehmke, 2015 European Political Science Association Conference (paper presentation and panel chair). Missing Data in Spatial Regression. With Jude Hays and Emily Schilling.

T. Osborn, Conference presentation, American Political Science Association

T. Osborn, Conference presentation, Midwest Political Science Association

T. Osborn, Conference presentation, Southern Political Science Association

T. Osborn, Conference presentation, State Politics and Policy

T. Osborn, Invited presentation, Gender Equality and Public Policy seminar, University College, London, UK (May 2016)

T. Osborn, Invited presentation, Conference on Gender Violence and Coercion, Arizona State University (Oct. 2015)

Politics & Policy – Blogs & Editorials

S. McLaughlin Mitchell, Relations International: "Embracing our Failures". May 25, 2016.

Chenoweth, Erica, Page Fortna, Sara Mitchell, Burcu Savun, Jessica Weeks, and Kathleen Cunningham, How To Get Tenure (If You're a Woman). Foreign Policy, April 19, 2016.

S. McLaughlin Mitchell, Des Moines Register: "Why Voting for a Female President Matters", January 22, 2016.

Politics & Policy – Awards & Recognition

BY THE

NUMBERS

Caroline Tolbert, Elected to the Council of the American Political Science Association (one of 16 representatives). 2015-17

Caroline Tolbert, Carnegie Foundation Fellowship Nomination, Provost Butler, University of Iowa. Growing Information Inequality and Universal Broadband for American Communities.

Rene Rocha, Award for the best paper presented in the Race, Ethnicity, and Politics section of American Political Science Association, Sept 2015

Sara McLaughlin Mitchell, 2015 Quincy Wright Distinguished Scholar Award, International Studies Association Midwest

Sara McLaughlin Mitchell, 2015 College of Liberal Arts and Sciences Departmental Alumni Award from the Department of Political Science, Iowa State University

Social & Education – Journal Articles

Mangum, Teresa, "Isa Leshko's 'Elderly Animals': Age, Art, Animals, and Us." Teresa Mangum. NoMorePotlucks (online magazine). http://nomorepotlucks.org/site/isa-leshkos-elderly-animals-art-age-animals-and-us-teresa-mangum/ 2015.

Mangum, Teresa, "The Ins and Outs of Undisciplined Engagement." Diversity & Democracy 18.1 (Winter 2015). Online.

Hanselman, Paul, Jeffrey Grigg, Sarah K. Bruch, and Adam Gamoran., 2016. "The Consequences of Principal and Teacher Turnover for School Social Resources." Research in the Sociology of Education 19: 49-89.

Paik, Anthony, Kenneth J. Sanchagrin, and Karen Heimer., 2016, in press. "Broken Promises: Abstinence Pledging and Sexual and Reproductive Health." Journal of Marriage and Family DOI:10.1111/jomf.12279

Lauritsen, Janet L., Maribeth L. Rezey, Karen Heimer., 2016, in press. "When Choice of Data Matters: Analyses of U.S. CrimeTrends, 1973–2012." Journal of Quantitative Criminology. DOI 10.1007/s10940-015-9277-2

Sanchagrin, Kenneth, Karen Heimer and Anthony Paik., In Press. "Adolescent Delinquency, Drinking and Smoking: Does the Gender of Friends Matter?" Youth and Society. DOI: 10.1177/0044118X14563050

Nguyen-Hoang, Phuong and Alexander Bogin, Forthcoming. "Raising State Gas Tax Rates for Transportation Revenues: Navigating a Bumpy Road," Journal of Planning Education and Research, DOI: 10.1177/0739456X16651929

Yinger, John and Phuong Nguyen-Hoang, Forthcoming. "Hedonic Vices: Fixing Inferences about Willingness-To-Pay in Recent House-Value Studies," Journal of Benefit-Cost Analysis. DOI: 10.1017/bca.2015.49

Yeung, Ryan and Phuong Nguyen-Hoang., 2016. "Endogenous Peer Effects: Fact or Fiction?" Journal of Educational Research, 109(1): 37-49.

Frisvold, D, "The Impact of Social Security Income on Cognitive Function at Older Ages," (with P. Ayyagari), American Journal of Health Economics, forthcoming.

Johnson-Motoyama, M., Moses, M., Conrad-Hiebner, A. & Mariscal, E. S., (2016). Development, CAPTA Part C referral and services among young children in the U.S. child welfare system: Implications for Latino children. Child Maltreatment.

Bailey, A., Brazil, A., Conrad-Hiebner, A., & Counts, J., (2015). Protective factors among Latino families involved with child welfare: A review of Spanish protective factor research on child maltreatment prevention in seven countries. Children & Youth Services Review, 55, 93-102. August 2015

Gordon, C., My Life as a Wonk, in McKerley, Deslippe, and Slocum (eds), Civic Labors: Scholar Activism and Working Class Studies (Illinois, 2016)

Social & Education - Reports

Bruch, Sarah K. and Joe Soss., 2016 "Learning Where We Stand: How School Experiences Matter for Civic Marginalization and Political Inequality." Washington Center for Equitable Growth Working Paper.

Bruch, Sarah K, Harper Hayes, Tessa Heeren, Sana Naive, and Ha Young Jeong., 2016. "Assessing Student Experiences of School in the Iowa City Community School District". Iowa City, IA: University of Iowa Public Policy Center.

Bruch, Sarah K. and Harper Haynes., 2016. "Effective Ways to Reduce Disparities in School Discipline." Scholar Strategy Network Basic Facts Brief.

Bruch, Sarah K., 2015. "Investing in Knowledge: Insights on the Funding Landscape for Research on Inequality among Young People in the United States." A William T. Grant Foundation Inequality Paper.

Bruch, Sarah K., 2015. "Inequalities in Safety Net Programs across the U.S. States." Scholar Strategy Network Basic Facts Brief.

Frisvold, D, "School Breakfast Program Increases Student Achievement in High-Poverty Schools," (assisted by Alex Russell), UC Davis Center for Poverty Research Policy Brief, 2015.

Gordon, C, "Segregation and Uneven Development in Greater St. Louis, St. Louis County, and the Ferguson-Florissant School District," Expert Report submitted on behalf of plaintiffs in Missouri State Conference of the National Association for the Advancement of Colored People, Redditt Hudson, F. Willis Johnson, and Doris Bailey v. Ferguson-Florissant School District and St. Louis County Board of Elections Commissioners, United States District Court for the Eastern District of Missouri, Civ. No. 14-2077 (in progress).

Social & Education - Briefs

Bruch, Sarah K., Harper Haynes, and Alex Hylka., 2016. "Focus Area Policy Brief: Teacher and Mentor Relationships." Iowa, City, IA: University of Iowa Public Policy Center.

Bruch, Sarah K., Harper Haynes, and Alex Hylka., 2016. "Focus Area Policy Brief: Inclusive School Environments." Iowa, City, IA: University of Iowa Public Policy Center.

Bruch, Sarah K., Harper Haynes, and Alex Hylka., 2016. "Focus Area Policy Brief: Disciplinary Environment." Iowa, City, IA: University of Iowa Public Policy Center.

Social & Education – Books

Mangum, Teresa., "New Women as Old Women: Tragi-comedies of Late Life." Oxford Handbook of Literature. Ed. Juliet Johns. London: Oxford University Press, 2015.

Mangum, Teresa., "Sarah Grand." Blackwell's Encyclopedia of Victorian Literature. Eds. Dino Felluga, Pamela Gilbert, and Linda Hughes. 2015. Online.

Cumley, Samantha R., Karen Heimer and Stacy De Coster. , 2015. "Gender and Crime." In International Encyclopedia of Social and Behavioral Sciences, 2nd edition. Oxford, UK: Elsevier.

Gordon, C, "Making Ferguson: Segregation and Uneven Development in Greater St. Louis," in Kimberly Norwood (ed), Ferguson Fault Lines (American Bar Association 2016)

**Social & Education - Presentations** 

Mangum, T, "The Future of the Academic and Public Humanities: The Changing Academic Environment in the U.S." Distinguished Annual Guest Lecture. University College Dublin Humanities Institute. November 2015.

Mangum, T, "Being Adventurous: Age Studies and Engaged Studies." North American Network in Aging Studies Founding Conference." Miami University, Oxford, OH. May 2015.

Mangum, T, "Interspecies Aging." Modern Language Association. Austin, TX, 2016.

Mangum, T, "A Look at the Long Lives of Dead Animals." North American Victorian Studies Association. Honolulu, HI, 2015.

Bruch, Sarah K., "Inequality across the U.S. States: Geographic Inequality in Social Provision and Redistribution." Invited talk given at the Inequality by the Numbers LIS/ Graduate Center-CUNY Workshop, June 2016.

Bruch, Sarah K., "Separate and Unequal: Decentralization, State Policy Choice and Inequalities in Safety Net Assistance." Invited talk given at the West Coast Poverty Center, University of Washington, November 2015.

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Bruch, Sarah K., "Inequality across the U.S. States: Geographic Inequality in Social Provision and Redistribution." Invited talk given at the Inequality by the Numbers LIS/ Graduate Center-CUNY Workshop, June 2015.

Bruch, Sarah K., Bruch, Sarah K. "Safety Net or Safety Nets: How do the Value of Benefits and Inclusiveness of Receipt of Safety Net Programs Vary across States?" Invited talk given at the Institute for Research on Poverty Summer Research Workshop, at the University of Wisconsin-Madison, June 2015.

Bruch, Sarah K. and Joe Soss., "Learning Where We Stand: How School Experiences Matter for Civic Marginalization and Political Inequality." Paper presented at the Southern Political Science Association Annual Meeting Mini-Conference on the Causal Relationship between Political and Economic Inequality, San Juan, Puerto Rico, January 2016.

Schudde, Lauren and Sarah K. Bruch., "Mind the Gap: Examining the Black-White Attainment Gap among Four-Year College Entrants." Paper presented at the annual meeting of the Association for the Study of Higher Education, Denver, CO, November 2015.

Heimer, Karen and Stacy De Coster. , "(M)othering Narratives: How Women Leaving Prison Construct Motherhood Identities." Paper presented at the Annual Meetings of the British Society of Criminology Meetings, Nottingham, England, July 2016.

Paik, Anthony, Marizen Ramirez, Karen Heimer, Shelly Campo, Octav Chipara, Corrine Peek-Asa, Padmini Svrinivasan, Rebecca Breuning., "The Context and Contents of Cyberbullying." Paper presented at the Annual Meetings of the American Society of Criminology, Washington, DC, November, 2015.

Lauritsen, Janet L., Karen Heimer, and Maribeth L. Rezey., "When Choice of Data Matters: Analyses of US Crime Trends, 1973-2012." Paper presented at the Annual Meetings of the American Society of Criminology, Washington, DC, November, 2015.

Paik, Anthony., "Contents and Contexts of Cyberbullying." International Network for Social Network Analysis. Newport Beach, CA, April 2016.

Nguyen, Phuong, "Does Closing Public Schools Save Costs?" Next Generation of Public Finance Conference, Georgia State University, May 2016

Nguyen, Phuong, "Effects of School District Income Taxes on Property Values: An Unintended Consequence?" (with Michael Hayes), Association for Public Policy Analysis and Management, Miami, FL, Nov. 2015

Nguyen, Phuong, "Effects of School District Income Taxes on Property Values: An Unintended Consequence?" (with Michael Hayes), Association for Budgeting & Financial Management, Washington DC, October 2015

Frisvold, D, 2016: Georgia State University, University of Illinois, Robert Wood Johnson Scholars in Health Policy Research Conference at the University of Michigan, University of Iowa, University of California Davis, American Society of Health Economists Biennial Conference

Frisvold, D, 2015: Comparative International Research Based on the HRS Family of Data Conference, University of Iowa, Southern Economic Association Annual Conference

Conrad-Hiebner, A, (May 17, 2016). Beyond parenting: How to support economic wellbeing among vulnerable families [Invited Presentation]. International Scientific & Practical Seminar. Cross-cultural Social Work: Russian and American Experiences, Russian State Social University & Center for Assisting Family Education, Moscow, Russia.

Conrad-Hiebner, A. & Paschall, K., (April 5, 2016). Typologies of economic security and risk for child physical abuse [Oral Presentation]. Doris Duke Mid-Year Meeting, Duke University & University of North Carolina, Durham, NC.

Conrad-Hiebner, A., (April 27, 2016). Beyond parenting: How to support economic wellbeing among vulnerable families [Two Invited Workshops]. Stone Soup: Together We Create Great Childhoods, Prevent Child Abuse Iowa, Des Moines, IA.

Conrad-Hiebner, A., (August, 2015). Economic conditions and risk for child physical abuse per maternal report: The mediating roles of parenting stress, depression, and domestic violence [Invited Presentation]. Economic Causes and Consequences of Child Maltreatment, University of Wisconsin – Institute for Research on Poverty, Madison, WI.

Smith, C., Ross, A., Conrad-Hiebner, A., Lemmons, B., & Bernstein, R., (July, 2015). Preventing child maltreatment under stressful circumstances: Implications for coparenting in diverse families [Poster Presentation]. 23rd Annual APSAC Colloquium, Boston, MA.

Social & Education – Blogs and Editorials

Gordon, C, Right to Work (For Less): By the Numbers, Dissent (May 2016)

Gordon, C, Ferguson Digs in its Heels, Dissent (February 2016)

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NUMBERS

Gordon, C, The Pension Pinch, Dissent (November 2015)

Gordon, C, Ferguson Revisited, Dissent (August 2015)

Social & Education - Awards & Recognition

Teresa Mangum, Elected Secretary, National Humanities Alliance

Karen Heimer, President-Elect, American Society of Criminology, 2016-2017

Karen Heimer, Fellow, American Society of Criminology, 2015

Karen Heimer, Editorial Board Member, Social Psychology Quarterly, terms 2016-2018

Frisvold, D, Professional Excellence in the Training of Economists Award for Graduate Student Advising, University of Iowa, 2015-2016

Frisvold, D, Recognized for making a positive difference by a member of the UI graduating class of 2016

Conrad-Hiebner, A, Doris Duke Fellow for the Promotion of Child Well-Being, \$57000, Chapin Hall at the University of Chicago, Chicago, IL. Awarded March 2014. Renewed March 2015 – 2016.

Transportation – Journal Articles

Carney, C., Harland, K. K., & McGehee, D. V., Using Event-triggered Naturalistic Data to Examine the Prevalence of Teen Driver Distractions in Rear-end Crashes. Journal of Safety Research. doi:10.1016/j.jsr.2016.03.010. Epub 2016 Apr 7. PMID: 27178079

Faine B, Harland K, Porter B, Rolfes K, Fuller B, Mohr N., The impact of a computerized decision-support tool on vancomycin dosing in the emergency department. Western Journal of Emergency Medicine. 2015 Jul;16(4). PMID: 26265968

Mohr N., Harland K, Pearson K, Ahmed A, Pelaez Gil C, Faine B, Stoltze A., Prehospital oral chlorhexidine does not reduce the rate of ventilator-associated pneumonia among critically ill trauma patients: A prospective concurrent-control study. Journal of Critical Care. 2015 Aug 30(4). PMID: 25964208

Ramirez M, Frederick M, Woods B, Harland K, Wetjen K, Wilgenbusch T, Pitcher G, Jennissen C., Link for Injured Kids: A Patient-Centered Program of Psychological First Aid After Trauma. Pediatric Emergency Care. 2015, Oct 1. PMID: 26428077

Ahmed A, Harland K, Hoffman B, Liao J, Choi K, Skeete D, Denning G., Not Just an Urban Phenomenon: Uninsured Trauma Patients in Rural Setting at Risk for Increased Mortality. Western Journal of Emergency Medicine, Vol XVI, No. 5: September 2015. DOI: 10.5811/westjem.2015.7.27351 PMID: 26587084

TePoel M, Saftlas AF, Wallis AB, Harland K, Peek-Asa C., Help-Seeking Behaviors of Abused Women in an Abortion Clinic Population. Journal of Interpersonal Violence, 2016, Jan 3. PMID: 26729745

Harland K, Carney C, McGehee D., Analysis of Naturalistic Driving Videos of Fleet Services Drivers to Estimate Driver Error and Potentially Distracting Behaviors as Risk Factors for Rear-end versus Angle Crashes. Traffic Injury Prevention, 2016 Jan 13. PMID: 26760293

Mohr N, Harland K, Crabb V, Mutnick R, Baumgartner D, Spinosi S, Haarstad M, Ahmed A, Schweizer M, Faine B., Urinary squamous epithelial cells do not accurately predict urine culture contamination, but may predict urinalysis performance. Academic Emergency Medicine, Accepted Article, 2016, Jan 19. PMID: 26782662

Jennissen C, Harland K, Wetjen K, Denning G., The Effect of Passengers on All-Terrain Vehicle Crash Mechanisms and Injuries. Safety 2016, doi:10.33990/safety2010001

ISRC

Wong T, Schlichting A, Stoltze A, Fuller B, Peacock A, Harland K, Ahmed A, Mohr N., No Decrease in Early Venitlator-Associated Pneumonia After Early Use of Chlorhexidine. American Journal of Critical Care, 2016, March; 25(2): 173-7. PMID: 26932921

Bobb M, Van Heukelom P, Faine B, Ahmed A, Messerly J, Bell G, Harland K, Simon C, Mohr N., Telemedicine Provides Non-Inferior Research Informed Consent for Remote Study Enrollment: A Randomized Controlled Trial. Acad Emerg Med. 2016 Mar 17. doi: 10.1111/acem.12966. PubMed PMID: 26990899.

Mohr, N.M., K.K. Harland, D.M. Shane, S.L. Miller, and J.C. Torner, Potentially Avoidable Pediatric Interfacility Transfer Is a Costly Burden for Rural Families: A Cohort Study. Acad Emerg Med, 2016. 23(8): p. 885-94. PMID:27018337

Jennissen C, Harland K, Denning G., Characteristics of Side-by-Side Vehicle Crashes and Related Injuries as Determined Using Newspaper Reports from Nine U.S. States. Safety. Accepted March 28, 2016.

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**Transportation – Reports** 

Carney, C., McGehee, D., Harland, K., Weiss, M. & Raby, M., Using Naturalistic Driving Data to Examine Driver Behaviors Present in Motor Vehicle Crashes, 2007-2015. AAA Foundation for Traffic Safety, Washington DC.

Oneyear, N., Hallmark, S., Carney, C., & McGehee, D., Prediction of Lane Encroachment on Rural Two Lane Curves Using the Shrp 2 Naturalistic Driving Study Data. Development of rural curve driving models using lateral placement and prediction of lane departures using the SHRP 2 naturalistic driving data, 80.

Hallmark, S. L., Oneyear, N., Tyner, S., Wang, B., Carney, C., & McGehee, D., Analysis of Naturalistic Driving Study Data: Roadway Departures on Rural Two-Lane Curves (No. SHRP 2 Report S2-S08D-RW-1).

Carney, C., McGehee, D., Harland, K., Weiss, M., & Raby, M., Using Naturalistic Driving Data to Assess Vehicle-to-Vehicle Crashes Involving Fleet Drivers. AAA Foundation for Traffic Safety, Washington DC.

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**Transportation – Presentations** 

Reyes, M.L., (2016). "Research Highlights from The University of Iowa Public Policy Center – Transportation and Vehicle Safety Policy Research Program" Iowa Department of Transportation's Driver Education Conference. April 23. Ames, Iowa.

Reyes, M.L., (2016). "Seat belts for adults in the back seat: what do Iowans think?" Presentation at the Iowa Governor's Highway Traffic Safety Conference. April 25-26. Okoboji, Iowa.

McDonald, A., McGehee, D.V., Reyes, M.L., and Roe, C.A., (2016, July). A Drive Into Understanding Consumer Mental Model and Trust About Advanced Vehicle Safety Systems. Poster presented at the Automated Vehicles Symposium, San Francisco, CA.

Mohr N, Harland K, Shane D, Miller S, Torner J., Potentially Avoidable Pediatric Transfer is Common for High-Risk Conditions in Rural Emergency Departments, Society for Academic Emergency Medicine Annual Meeting, New Orleans LA, May 11-13, 2016.

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Wetjen K, Jennissen C, Denning G, Harland K., The effect of passengers on All-terrain Vehicle Crash Mechanisms and Injuries. Annual Meeting of the Pediatric Trauma Society, Scottsdale, AZ, November 6-7, 2015.

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McGehee D, Kaufman R, Buresh C, Harland K, Lilienthal M., Utilization of crash scene photography documenting vehicle damage and intrusion to improve trauma care preparedness. 24th International Technical Conference on the Enhanced Safety of Vehicles, Gothenburg, Sweden, June 8-11, 2015.

Transportation – Awards & Recognition

BY THE

NUMBERS

Charles Connerly, Summer Research Opportunity Program Mentoring Award, presented July 2015 by the Graduate College

Charles Connerly, Michael J. Brody Award for Faculty Service, presented October 2015 by Provost's Office and Faculty Senate