

Hazard Reduction and Recovery Center Five-Year Report 2013-2017



The HRRC family at the Natural Hazards Workshop, 2018

Hazard Reduction and Recovery Center

Five-Year Report

2013-2017

This 5-year report, along with the supporting documentation found in the appendices, is designed to provide the College of Architecture's Dean's office and the College Research and Interdisciplinary Council (CRIC) with data upon which to base its review of the Hazard Reduction and Recovery Center's (HRRC) activities during the period of 2013-2017.¹ While some guidance has been provided regarding the information need to undertake the review of the College's Centers, we have organized this report based on the five dimensions on which member of CRIC area asked to evaluate each center. These are: 1) Mission, 2) Impact on Research, 3) Impact on Service, 4) Impact on Teaching, and 5) Center Goals and Aspirations. Each section of this report provides a brief synopsis and summary of how the HRRC has addressed each of these areas, offering tables and charts to capture the overall accomplishments in each of these areas. In addition, we have made special note on how the HRRC's activities have sought to promote both diversity and interdisciplinarity because we feel that these are quite important goals that should be considered in center evaluations as well.

For the purposes of this report the Hazard Reduction and Recovery Center is considered to be constituted of the College of Architecture's personnel that constitute the Center's core faculty and staff. These are the individuals that affiliate their grants (and hence share indirect) with the HRRC, help the center carry out its many research and service activities, teach classes in the Center's certificate programs, mentor and/or chair the center affiliated graduate student committees, and mentor undergraduate students and post-docs affiliated with the center. The following represent the HRRC's core faculty/staff:

1. Sherry Bame, Professor, LAUP
2. Eric Bardenhagen, Associate Professor LAUP and Associate Dept. Head, LAUP
3. Philip Berke, Professor LAUP and Director, Institute for Sustainable Communities
4. Bierling, David, HRRC Associate Director, Transportation Research
5. John Cooper, Associate Professor of Practice LAUP and HRRC Associate Director for Outreach
6. Michael Lindell, Professor Emeritus LAUP and Past Director, HRRC (1997-2003)
7. Jaimie Masterson, Associate Director Texas Target Communities and HRRC Assoc. Director for Outreach
8. Michelle Meyer, Assistant Professor, LAUP, and Executive Associate Director, HRRC
9. Forster Ndubisi, Professor LAUP
10. Galen Newman, Associate Professor LAUP and Former HRRC Associate Director and Lead for Sustainable Communities initiative.
11. Walter Gillis Peacock, Professor, LAUP and Director, HRRC 2004 to present
12. Carla Prater, Former Associate Director HRRC and Senior Lecture LAUP (retired)
13. George Rogers, Professor LAUP and HRRC Director (2003-2004)

¹ We have assumed that these are calendar years, not academic years.

14. Nathanael Rosenheim, HRRC Associate Research Scientist
15. Shannon Van Zandt, Professor and Head, LAUP
16. Sierra Woodruff, Assistant Professor, LAUP
17. Doug Wunneburger, Instructional Associate Professor
18. Yu Xaio, Associate Professor, LAUP
19. Yee Zhu, Administrative Assistant

There are a host of affiliated faculty both inside and outside the college and the university. Nevertheless, to make this task somewhat manageable, I have focused on the core faculty, as defined above.

I. Mission Statement and goals:

The Hazard Reduction and Recovery Center (HRRC) was established at Texas A&M University in 1988. HRRC researchers focus on hazard analysis, emergency preparedness and response, disaster recovery, and hazard mitigation. Researchers study the full range of natural disasters and technological hazards.

HRRC includes the expertise of architects, planners, sociologists, social-psychologists, political scientists, policy analysts, economists, landscape architects, and engineers. The original proposal establishing the HRRC as a University Center was written and submitted to Texas A&M University's Board of Regents by Philip Berke, who also served as its acting director. Dennis Wenger served as its founding Director from 1989 until the summer of 1997. Michael K. Lindell served as the Director from 1997-2003, George Rogers served as director for 2003-2004, and Walter Gillis Peacock has been the Director since 2004.

The Mission Statement for the Hazard Reduction and Recovery Center is:

- To increase our understanding of the nature and impact of natural and technological hazards upon humans and the physical and built environment in which they live, and to increase our knowledge regarding hazard mitigation, preparedness, response and recovery.
- To enlarge the hazard research community through graduate student training, faculty development, and educational endeavors.
- To disseminate research findings to the research community and to practitioners so they can use this information to mitigate, prepare for, respond to, and recover from disasters.
- To provide assistance and consultation to those state, national, and international agencies charged with responsibility for hazard analysis, emergency preparedness and response, disaster recovery, and hazard mitigation.

More succinctly, our goals are to 1) conduct research, 2) train graduate students and facilitate faculty development, 3) disseminate research to the broader research and practitioner communities, and 4) provide assistance and outreach to the larger community. I believe that our training activities have extended to include undergraduates and post-docs, both of whom we are now including in our research and outreach activities. Through carrying out our mission and addressing these goals, the HRRC has provided an extraordinary value to our primary

department, the department of Landscape Architecture and Urban Planning, the College of Architecture, Texas A&M University, the State of Texas, and our nation. Indeed, the HRRC's influence extend well beyond our nation to many nations and regions throughout the world.

II. Center's impact on research.

There are of course many criteria one might employ to illustrate the impacts the HRRC has had on research from 2013-2017. The following illustrates the HRRC's impact on research by examining: external grant productivity, scholarly output, and citations.

II.A External Grant Productivity.

The core faculty of the Hazard Reduction and Recovery Center has been extraordinarily productive when it comes to generating *external* grant funding during 2013-2017 period. In total the HRRC core faculty received a total of 48 grants as PIs or Co-PIs between 2013 and 2017. That number includes ten (10) external grants that were in effect beginning in 2013. A detailed listing of these grants can be found on pages 75 to 80 of this report. Table 1 displays the data on total external grant funding broken down into the major funding sources from which the grants were received.

Table 1. Total Grant Funding by Source, 2013-17

Source of Funding	Amount of funding	Percent
National Science Foundation	3,058,387	38.7%
Department of Homeland Security	1,398,146	17.7%
State and Local governments	1,916,197	24.3%
National Institute for Standards and Technology	785,538	9.9%
U.S. Army Corp of Engineers/FEMA	385,000	4.9%
Other Sources	354,502	4.5%
Totals	7,897,770	100.0%

As can be seen in Table 1, the HRRC's core faculty have generated approximately 7.9 million dollars in external funding during five-year period beginning in 2013. The sources include Federal agencies and foundations such as the National Science Foundation (NSF), the Department of Homeland Security (DHS), the National Institute for Standards and Technology, and the United States Army's Corp of Engineers, as well as many State, local and other types of agencies and governmental sources. It is particularly noteworthy that just over \$3 million dollars, or nearly 39% of the total funding, has come from one of the most prestigious scientific funding agencies in the United States, the National Science Foundation. The NSF funding is distributed over 13 individual grants. It is also noteworthy that just over \$5.6 million, or 71.2%, that funding comes from Federal sources, carrying the highest levels of indirect. These indirect not only fund the research support activities for the University, but also helps fund a host of other research related activities at Texas A&M University.

Table 2. Yearly Grant Funding in Dollars, 2013-2017

Year	Existing	New	Total
2013	1,722,751	333,145	2,055,896
2014	1,543,104	1,312,750	2,855,854
2015	2,121,116	1,632,016	3,753,132
2016	3,007,429	1,227,793	4,235,222
2017	2,851,373	1,624,326	4,475,699

Figure 1. HRRC Grant Productivity, 2013-2017

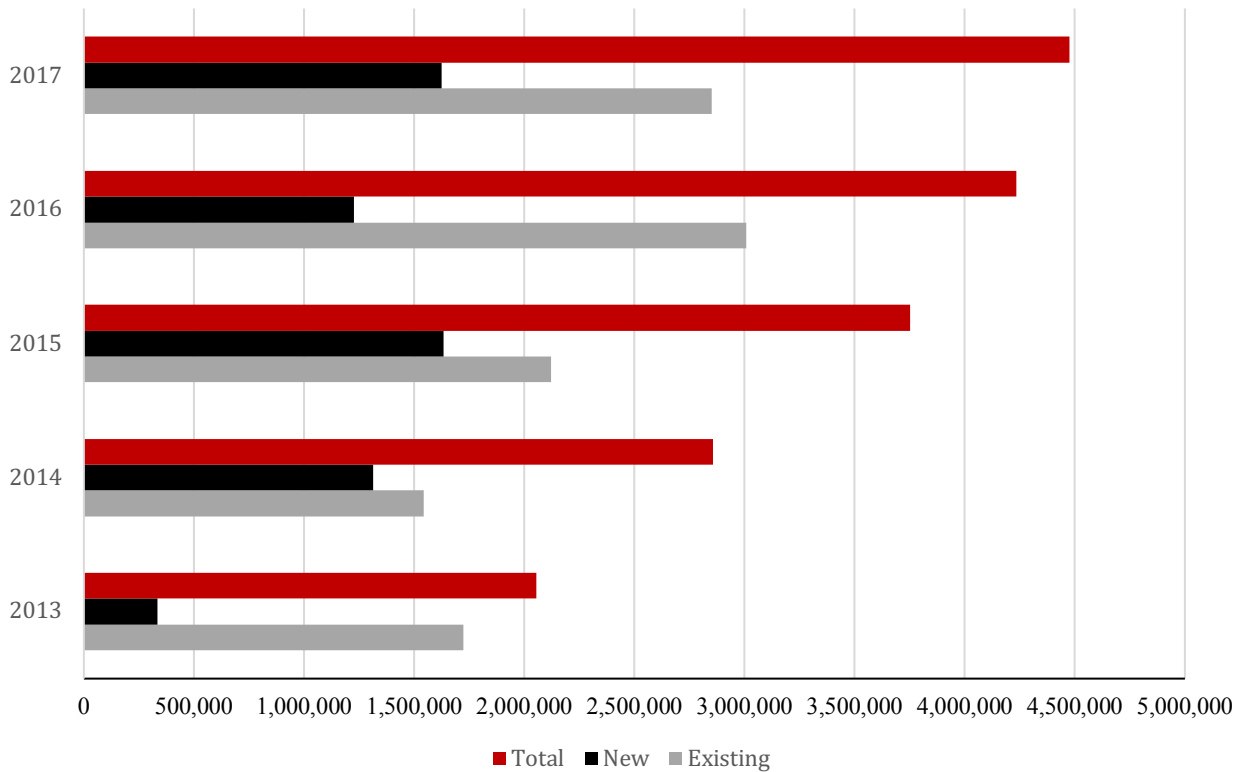


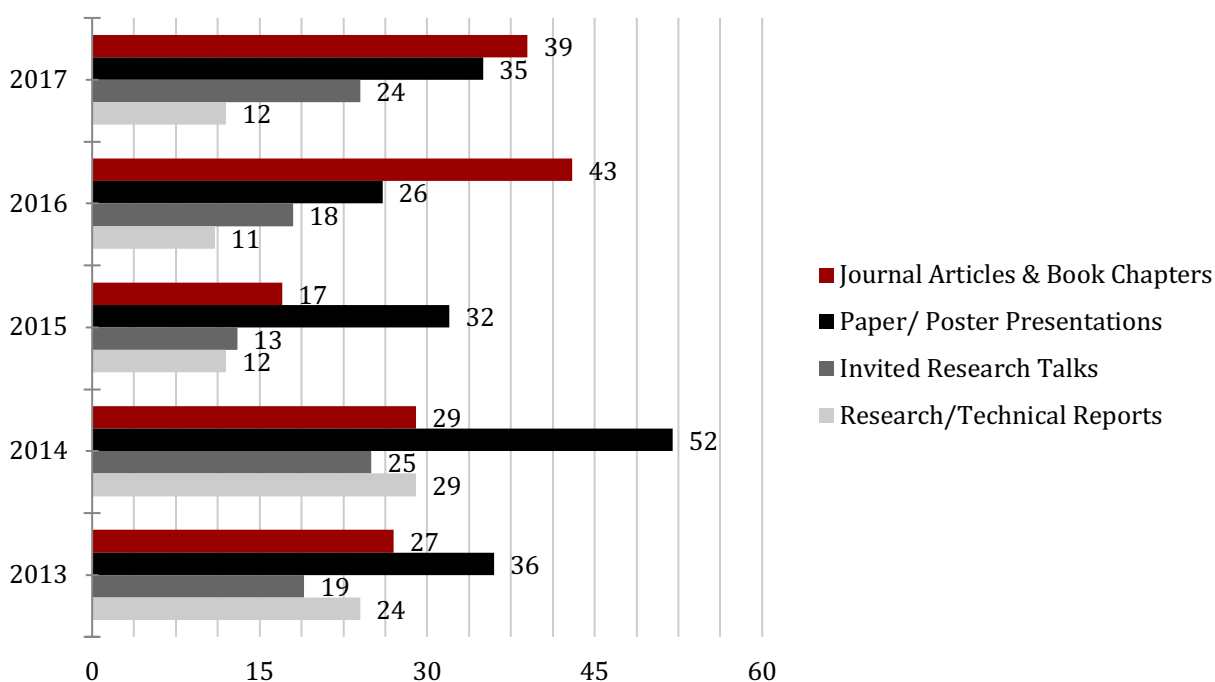
Table 2 displays the annual break down of grant funding for each year in terms of existing grants, grants in effect and carried forward from previous years, new grants receive during each year, and the total grant funding in effect for a given year. These data are also displayed in Figure 1. As can be seen in the “New” column in Table 2 and the black bar in Figure 1, the amount of new funding being generated each year has vacillated a good bit, ranging from just over 300k in 2013 to a high of 1.63 million in 2015. However, the total grant dollars (see last column in Table 1 and the red bars in Figure 1) for each year has seen a steady increase over the period. In 2013, there were just over 2 million in grant dollar increasing each year and more than doubling to nearly 4.5 million in 2017.

While this grant productivity is noteworthy and all have are driven by research and research related issues, there are a number of themes and issue areas reflected in these grants that should be mentioned.

II.B Scholarly Output.

The fact that the HRRC’s core faculty have been able to attract external grant funding from highly prestigious agencies such as the National Science Foundation, speaks well for making the argument that our core faculty are not only actively involved in research, but also, given the peer review process associated with many of these grants, they are being recognized as strong researchers able to design top-tier research programs and projects worthy of funding. However, that is but one metric. To obtain a more complete picture, we have also compiled a listing of published output generated by the core faculty, often in collaboration with their students and other colleagues. This listing includes a variety of scholarly output including books, peer reviewed journal articles and book chapters, paper and poster presentations at various forms of professional meetings, invited research talks, and technical reports or technical/white papers written and made available via a variety of mechanisms. A complete and detailed listing of each of these forms of scholarly output are presented on pages 15 through 54 below. The following provides a summary of these data.

Figure 2. HRRC Scholarly Output, 2013-2017



From 2013 through 2017, the HRRC’s core faculty have produced: five (5) books, 155 peer-reviewed journal articles or book chapters, and 88 research reports or technical papers. In addition, they have presented their research in the form of 181 paper or poster presentations at professional meetings and have given 99 invited research talks either as individual talks or as

part of research panels. Figure 2 provides the data on scholarly output for each type by year. There are not any noticeable trends, although there have been a few more peer reviewed journal articles and chapters published in the last two years (2016 and 2017) when compared to earlier years in the 5-year period. These may well reflect the somewhat higher paper presentations earlier in the period, which were later converted to journal articles. On the whole, the Center's core faculty averaged, 31 peer reviewed journal articles and book chapters, 36 paper/poster presentations, 20 invited research talks, and 18 research/technical reports, each year over this 5-year period.

Even a cursory review of the venues in which journal articles are being published over this period will reflect that the core faculty are indeed publishing in many of the top journals in the planning and landscape architecture, environment and urban studies, and hazards/disasters areas. The following are but some of the examples of the journals for which the core faculty have published in between 2013 and 2017.

- **Planning and Landscape Architecture:** *Journal of the American Planning Association, Landscape and Urban Planning, Journal of Planning Education and Research, Journal of Urban Design, Journal of Planning Literature, Landscape Architecture Frontiers, Land Landscape Journal, and Land Use Policy.*
- **Environment and Urban Studies:** *Urban Studies, Journal of Environmental Management, Journal of Environmental Planning and Management, Environment and Planning B: Planning and Design, Journal of Urbanism, International Research on Placemaking and Urban Sustainability, International Journal of Environmental Research and Public Health, Cities, and Health Systems and Policy Research.*
- **Hazards and Disasters:** *Risk Analysis, Natural Hazards Review, Disasters, Natural Hazards, International Journal of Mass Emergencies and Disasters, Journal of Homeland Security & Emergency Management, International Journal of Disaster Risk Reduction, and Climate Risk Management.*

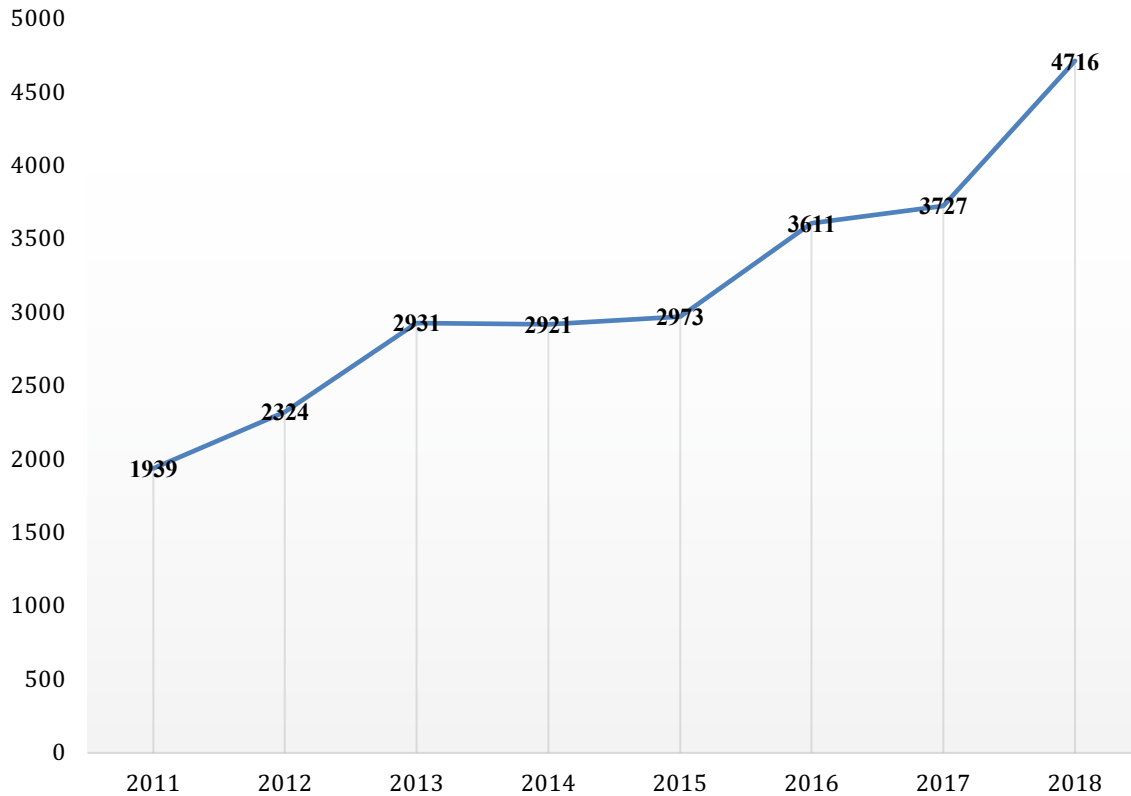
The 157 peer-reviewed journal articles and book chapters are an outstanding examples of how HRRC's research is creating new knowledge that the broader field is recognizing and embracing via acceptance through the peer review process. However, another useful indicator is citations of core faculty's scholarly output.

II.C Citation Analysis.

The degree to which other researchers cite the scholarly output of core faculty in their own scholarly work is also a strong indicator of our research impact on the field. While there are many approaches for undertaking a citation analysis, we utilized *Google Scholar*, which has been recognized as offering the most citation coverages across all forms of scholarly output including books, articles, chapters, professional papers, research reports, patents, proceedings, etc. More

specifically, we were able to gather overall and yearly *Google Scholar* citations for 14 of the core faculty² who maintain their own *Google Scholar* pages.

Figure 3. Yearly Citation Counts, 2011-2018



There are, of course, considerable variations among the core faculty in their numbers of citations, particularly when considering that we have a couple of stars like Michael Lindell and Phil Berke who have been highly productive for many years, while other core faculty are only beginning their academic careers. When considering total citations across all 14 faculty for which data are available, the total citation count is 37,472. The annual citation counts for from 2011 to 2018 are presented in Figure 3. For the entire eight (8) year period for which we have data, the total citations appear to be steadily increasing, however that is a bit deceptive, if we focus our attention to the 2013-2017 period. During the first 3 years of this 5-year focused period, there is a relative plateau where citations fall between 2,921 and 2,973. Following this relatively stable plateau, the citation counts climb considerably in 2016, to 3,611 and climbs again in 2017, to 3,727. In 2018, the count jumps markedly by nearly 1,000 citations to 4,716. For our key 2013-2017 5-year period, the total citation count is 16,163 for an average of 3,233 citations per year for HRRC core faculty. Interestingly, when comparing the total citation count for this 5-year period and the total count for all 14 faculty for which there are data, just over 43% of all citation counts occurred during the focus 5-year period.

² The 14 faculty include: Bardenhagen, Berke, Cooper, Lindell, Meyer, Ndubisi, Newman, Peacock, Rogers, Rosenheim, Van Zandt, Woodruff, Wunneburger, and Xiao.

A short note on promoting interdisciplinarity in research: The HRRC is on the forefront of promoting interdisciplinary research in the broader hazard/disaster research community. First, we are inherently interdisciplinary in make-up. Our core faculty have degrees in Planning, Landscape Architecture, Environmental Planning, Engineering, Sociology, and Regional Economics. Second, the HRRC has been leading NSF efforts to promote interdisciplinary research and approaches to addressing hazards research through a series of research workshops. Third, members of the HRRC have also worked closely on an effort to bring a NSF Engineering Research Center to TAMU over the last 5 years. Fourth, our core faculty have assembled interdisciplinary teams made up of social scientists and engineers that have successfully won major grants from NSF. For example, our faculty have been parts of two teams that successfully won CRISP Type 2 Collaborative awards in excess of 1.5 million each. And, finally, we have worked with faculty from Sociology and Statistics to bring a Census Research Data Center here that benefit cross-disciplinary research efforts for researchers from Texas A&M, Rice, Baylor, the University of Texas and other regional universities.

III. Center's Impact through Service Activities.

The Center's core faculty have made extraordinary impacts on the College, the University, the State itself, as well as its communities and counties, and the larger research community through the great variety of service and service related activities they have undertaken directly, as well as indirect service activities undertaken as part of their research and teaching (service learning) activities. It is simply impossible to discuss each and every type of service impact the HRRC has had in each of these many areas. Indeed, on pages 54 through 60 we identify 144 direct service related activities that have been undertaken by core faculty. Then, on pages 60 to 65, we identify over 60 awards and honors that have been bestowed on our core faculty in recognition of service related activities. And finally, if one examines closely the nature of many of the 48 externally funded research grants (see pages 75 through 80) undertaken by core faculty, it quickly becomes apparent that many of these have a direct service component. In fact, one of the unique features of many of our research activities is that we work closely with the community to gather data and our findings are quickly shared with local communities or have as their goal the development of policies and programs that will make the community more disaster resilient and sustainable.

The following provides some brief and very incomplete examples of direct and indirect service activities undertaken by some of the HRRC's Core Faculty – they are a remarkable group.

- Bardenhagen has developed online and classroom training activities for the Department of Interior in general and the National Park Service in particular helping Parks identify vulnerable areas and develop policies to address these vulnerabilities. In addition, his service learning activities address mitigation activities throughout the Texas coast.
- Berke serves on innumerable editor boards, professional councils, advisory boards and expert panels helping national, state and local governments in broad based resiliency planning. He is also a major player helping shape the planning profession's future and the nature of how the research community helps shape that future.
- Bierling serves on a host of state, local, and regional mitigation, emergency services, hazards materials and transportation committees. In addition, he is very active in helping

coordinate and review transportation research related to the National Transportation Research Board. And most importantly, his research activities directly help Local Emergency Planning Committees recognize and develop strategies to address hazard material vulnerabilities and risks associated with transportation in their communities.

- Cooper is president of the Texas Rural Leadership program and serves on the board of directors for a variety of organizations such as the Bill Anderson Fund that seeks to enhance and expand minority involvement and participation in the broader hazards/disaster research community. He is leading efforts to ensure that TAMU's research impacts and facilitates resiliency planning particularly in low-resourced and minority communities throughout Texas.
- Lindell has been a long-time editor of one of the top disaster journals, serves on the a great variety of board for other journals, and is actively involved in local mitigation, recovery and evacuation planning. His research has been the foundation of evacuation planning throughout the Texas coast for decades.
- Masterson is conducting and involved in workshops and significant time intensive planning efforts helping local communities throughout Texas and the nation in broad based sustainability and resiliency planning. She is particularly focused on developing the planning integration techniques through the resiliency scored card. She is a critical player in bring the classroom to the community and enabling students to learn through service about how to shape resilient and sustainable communities. Her work is award winning.
- Meyer is the personification of a participatory action researcher. She has engaged in extensive study of early and longer-term recovery activities in communities throughout Texas and through that involvement made a difference in how local organizations engage in these activities. Her involvement has spurred legislative activity to promote recovery planning in Texas.
- Newman is a man on fire. He is involved in professional activities in both planning and landscape architecture, and fully engages the student in all of his studio courses in service learning activities. One will quickly lose count of the numbers of awards the he and his students/classes have won in helping communities design and plan for a more sustainable and resilient future.
- Peacock has played an important role in bring a Federal Statistical Research Data Center to TAMU expanding research opportunities for faculty, post-docs, and graduate students here and at universities throughout the region. His research has also helped shape evacuation and mitigation policies and plans for cities and counties throughout the Texas coast. He has also supported Van Zandt and Meyers in their efforts to shape recovery planning and programs.
- Rogers has served in many planning accreditation board site visit teams helping improve planning departments throughout the nation. His research has helped local communities in the hazard material planning and help better understand the potential economic and social consequences of water shortages and fluctuations due to climate changes.
- Van Zandt has become a major force for long-term housing recovery policy and programs in the State of Texas and the Nation. She is serving on boards, need assessment committees, professional advisory committees, and on expert panels helping shape programs, policies, and funding related to post disaster housing and housing recovery.

Again, it must be said that the above barely scratches the surface in terms of capturing the many important service activities the HRRC’s core faculty have undertaken related to service. Indeed, even the listings under service, awards, and research funding only partially captures the depth and breadth of what the Center’s core faculty have accomplished between 2013 and 2017.

IV. Center’s impact on Teaching.

The Hazard Reduction and Recovery Center has been responsible for managing two graduate certificates; the certificates in Transportation Planning and Environmental Hazard Management (EHM). Additionally, the Center’s core faculty have worked closely with the Department of Landscape Architecture and Urban Planning to teach the primary courses in the EHM certificate program. These courses are: PLAN 649: Organizational and Community Response to Crises and Disasters, PLAN 650: Disaster Response Planning, PLAN 647: Disaster Recovery and Hazard Mitigation, and PLAN 616: Analyzing Risk/Hazard and Public Policy. With changes in our faculty over the last few year it has become difficult to teach all of these courses. Nevertheless, with the support of LAUP, who has hired Dr. Jason Moates, we have been able to cover most of these courses.

Figure 4. Graduate Certificates Awarded, 2013-2017

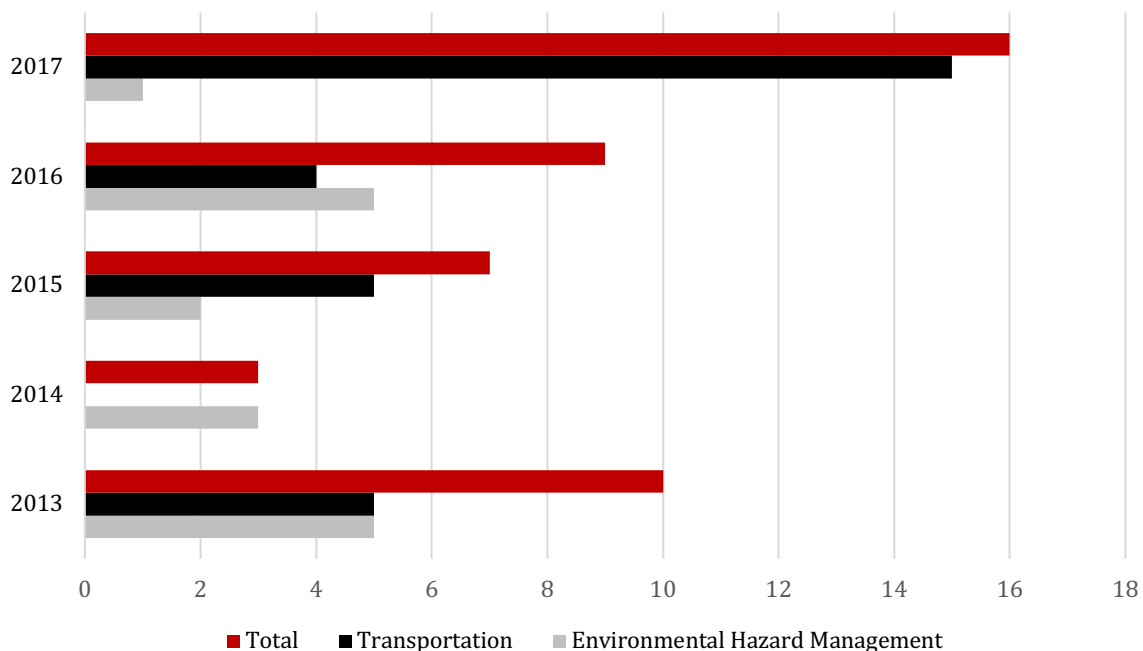
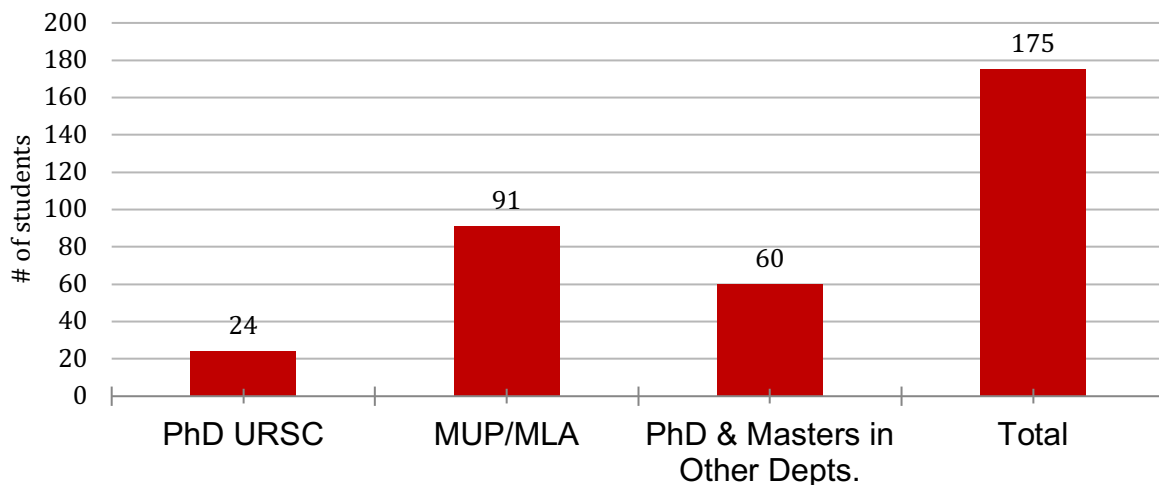


Figure 4 presents the data on the numbers of Transportation Planning and Environmental Hazards Management Certificates awarded from 2013 to 2017. In total 45 certificates were awarded, with 29 for Transportation Planning and 16 for Environmental Hazard Management. The highest number of certificates awarded was in 2017, when 16 were awarded, 15 of these were for Transportation Planning. In general, of the two programs, the Transportation Planning Certificate is most popular, with an average of nearly six (6) being awarded annually. The annual average during this period for the Environmental Hazard Management Certificate awards was

just over three (3). A complete listing of all student awarded graduate certificates is available on pages 65 to 67 of this report.

Commitment to graduate education in the form of chairing and graduating both Masters and PhD students is yet another way in which faculty create opportunities for and support graduate education. It is one thing for faculty to focus on research, but if they are not willing to commit to the critical part of a graduate education – chairing masters and PhD committees to completion – then they have not fulfilled the full commitment toward graduate programs and students. Equally important can be simply serving on graduate committees. The data on graduate committee participation is presented in Figure 4. Taken as a whole, over this five-year period, core HRRC faculty chaired and graduated 24 PhD students from the Department of Landscape Architecture and Urban Planning’s Urban and Regional Science PhD program and 91 students from its Masters of Urban Planning and the Masters of Landscape Architecture programs. In addition, core faculty have served on the committees of 60 students that graduated with Masters or PhDs from other departments. A total of 176 graduate student committees have included HRRC Core Fellows.³

Figure 4. Graduate Student Committees Chair/ Co-Chair/ Member



A note on promoting diversity: The Center has sought to promote diversity in many ways, particularly with respect to graduate students, which will be tomorrow’s faculty and researchers. Our current cadre of 18 PhD students includes, 5 males and 13 females, 10 international students from countries as diverse as China, Korea, Brazil, Columbia, Taiwan, and India, additionally 2 of our students of Hispanic origin and 2 are African American.

Most proudly, over the past five years, members of the HRRC Core Team were instrumental in the growth and leadership of the William Averette Anderson Fund (BAF). Dr. Anderson was an African American and longtime disaster researcher. He was also a program officer at the

³ Of significant note, this number of completed degrees does not include a few faculty members who did not include graduate students on their CVs (e.g., Mike Lindell).

National Science Foundation and with the National Academies of Science and Engineering for many years. With his passing a few years ago, the BAF was established with a mission “to expand the number of minority professionals in the field of disaster and hazard research and practice.” It is the first nonprofit focused on diversity in hazard and disaster education. John Cooper, HRRRC Core Fellow, was a founding and highly active Board Member of the BAF. The HRRRC has supported several of our former students and graduates, Dr. Fayola Jacobs (now at the University of Minnesota) and Dr. Marccus Hendricks (now at the University of Maryland) as BAF fellows and organizers. We are now supporting two of our newer African American PhD students, Joy Semien and Jennifer Blanks, as BAF fellows, assisting them with travel and support to attend BAF events.

In addition to working with graduate student, Mark Fosset (PI) and Walt Peacock (co-PI) were able to obtaining funding from the National Science Foundation to establish a Summer Research Experience for Undergraduates Institute from 2014-7, entitled: Studies in Social Inequality and Social Vulnerability. Employing this grant and matching funds from the Colleges’ of Architecture and Liberal Arts, and from the Departments’ of Landscape Architecture and Urban Planning and Sociology we were able to bring in students from all over the United States for advance training in broad base social science research and to expose them to the possibilities of graduate school. These student were able to work with HRRRC core faculty on their research and travel to the Natural Hazard Center’s Summer workshop in Broomfield, Colorado to present their work. The program targeted first generation and underrepresented groups (female and minorities) to provide them with better understanding of research and the opportunities of attending graduate school.

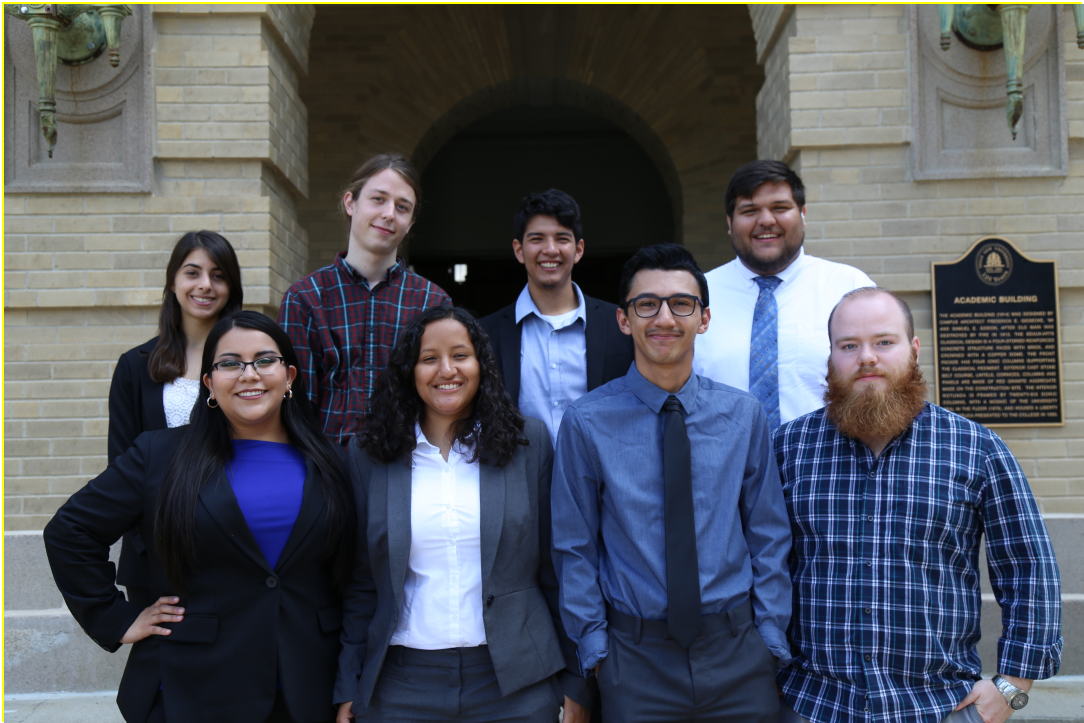


REU students, Summer 2015

During the summer of 2015 we brought in 10 students. Of the two students most interested in planning, one MUP program in 2017 and another student was admitted to the planning program at the University of Colorado in Denver.



REU students, Summer 2016



REU students, Summer 2017.

During the summer of 2016 we brought in 10 students again from all over the country and TAMU. Of the three students most interested in planning, two of the students entered our MUP program this fall and the other planning student was admitted and attended UNC. One of the MUP students is now graduating and applying to our PhD program. The summer of 2017, was the final year for our REU Summer institute and we brought in eight students. Of the three students interested in planning, two of the students have applied to our MUP program and one applying to programs in other parts of the country.

V. Center goals and aspiration for the next 5 years.

- 1) Continue doing what we do well and expand on these
 - Research funding
 - Graduate Student Education/mentoring
 - Faculty Development
- 2) Improve on those areas where we have been lagging
 - Redesign the Environmental Hazard Management Certificate
 - Expand fellow program
 - Expand undergraduate research involvement
- 3) Explore new opportunities
 - Develop web-based applications for research
 - Develop web-based applications for outreach/service activities
 - Expand interdisciplinary research opportunities
 - Expand and promote Federal Statistical Research Data Center based research

Scholarly Output by HRRC Core Faculty

The following provides a listing of research output in the form of books, peer-reviewed journal articles and book chapters, academic conference presentations, invited presentations and panel discussions, and research reports/technical papers/public writing. HRRC Core Faculty are indicated in bold. Student co-authors are often indicated with an *, though some students are likely missed as not all faculty identify students within their CVs.

Books (5)

1. Dvorak, B, Li, W., **Newman, G.**, Zhao, J. & Zhu, X. (2015). *Multimodal Transportation Systems and Transit Oriented Development: Concepts for Bryan-College Station, Texas and Texas A&M University*. San Francisco, CA: Blurb eBook. Publishing.
<http://www.blurb.com/books/6376515-multimodal-transportation-systems-and-transit-orie>
2. Luetlich, Rick, Greg Baecher, Susan Bell, **Philip Berke**, and others. 2014. *Reducing Coastal Risk on the East and Gulf Coasts*. National Academy Press, Washington, D.C.: 167 pp.
3. **Masterson, Jaimie Hicks, Walter Gillis Peacock; Shannon S. Van Zandt**, *Himanshu Grover, Lori Field Schwarz, and **John T. Cooper**. 2014. *Planning for Community Resilience: A Handbook for Reducing Vulnerability to Disasters*. Washington, DC: Island Press. Paper ISBN: 9781610915854.
4. **Ndubisi, F.** eds. (2014) *The Ecological Design and Planning Reader*. Washington, DC: Island Press, 620 pp.
5. **Ndubisi, F.** Chinese ed. *Ecological Planning*. Chinese Architecture and Building Press, 279 pp. (The first edition by Johns Hopkins University Press, 2002, won numerous awards including the Choice Best Best Academic Title, 2003)

Peer Reviewed Articles and Book Chapters by Year

2017 (n=39)

1. **Bardenhagen, E.**, Rodiek, S., Nejati, A., Lee, C. (2017). The Seniors' Outdoor Survey (SOS Tool): A Proposed Weighting and Scoring Framework to Assess Outdoor Environments in Residential Care Settings. *Journal of Housing for the Elderly*. 1-22. doi: 10.1080/02763893.2017.1393489
2. Ben Dor, Todd K., Danielle Spurlock, **Sierra C. Woodruff**, and Lydia Olander. 2017. The Potential Role of Ecosystem Services in the American Land Use and Environmental Planning Process. *Cities* 60: 260-271.
3. **Berke, Philip** and David Godschalk. 2017. "Best Practice Standards for Regional Land Use Planning: Evaluating Land Use Plan Quality. In *The Dynamics of Land Use and Ecosystem Services; A Transatlantic, Multidisciplinary and Comparative Approach*, Eds. Floor Brouwer and Stephan Goetz, London: Springer (in press).
4. Brody, S.D., *Highfield, W.E., *Wilson, M., **Lindell, M.K.** & *Blessing, R. (2017). Understanding the motivations of coastal residents to voluntarily purchase federal flood insurance. *Journal of Risk Research*, 20, 760-775. DOI:10.1080/13669877.2015.1119179.

5. Choi*, Myungshik, **S. Van Zandt**, and D. Matarrita-Cascante. 2017. Can Community Land Trusts Slow Gentrification? Forthcoming in the *Journal of Urban Affairs*.
6. Cova, T.J., Dennison, P.E., Li, D., Drews, F.A., Siebeneck, L.K., & **Lindell, M.K.** (2017). Warning triggers in environmental hazards: Who should be warned to do what and when? *Risk Analysis*, 37, 601-611. DOI: 10.1111/risa.12651.
7. Filippova, Olga and **Yu Xiao**, 2017, "Economic Effects of Regulating the Seismic Strengthening of Older Buildings", *Building Research & Information*. doi: 10.1080/09613218.2017.1357318.
8. Hamideh*, S., **W.G. Peacock**, and **S. Van Zandt**. 2018. Housing Recovery After Disasters: Primary Versus Seasonal/Vacation Housing Markets in Coastal Communities. *Natural Hazards Review* 19(2).
9. Horney, Jen, Caroline Dwyer, Meg Aminto, **Philip Berke**, and Gavin Smith. 2017. Developing Indicators to Measure Post-disaster Community Recovery in the U.S. *Disasters* 49: 14-149. DOI: 10.1111/disa.12190.
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 14. Mueller, E.J., and **S. Van Zandt**. 2014. Using housing policy to improve access to quality education: contrasting place-based and mobility-based strategies. *Education, Land, and Location*. Ingram, G.K., and D. Kenyon (eds). Boston: Lincoln Land Institute.
 15. **Ndubisi, F.** 2014 "The First Landscape Suitability Approach." In *The Ecological Design and Planning Reader*. Washington, DC: Island Press, pp. 243-265.
 16. **Newman, G.**, *Sohn, W.M., & Li, M.H. (2014). "Performance Evaluation of Low Impact Development: Groundwater Infiltration in a Drought Prone Landscape in Conroe, Texas."

- Landscape Architecture Frontiers* 2 (4): 122-133. URL: <http://journal.hep.com.cn/laf/EN/Y2014/V2/I4/122>
17. **Peacock, W. G., Van Zandt, S., *Zhang, Y., *Highfield, W. E.** (2014). Inequities in Long-term Housing Recovery after Disasters. *Journal of the American Planning Association*, 80(4): 356-371.
 18. **Newman, G. & Saginor, J.** (2014). "Four Imperatives for Preventing Demolition by Neglect." *Journal of Urban Design*. 19 (5): 622–637. DOI: 10.1080/13574809.2014.943705 URL: <http://dx.doi.org/10.1080/13574809.2014.943705>
 19. Park, Yunmi, and **George Oliver Rogers**, 2014, Neighborhood Planning Theory, Guidelines, and Research: Can Area, Population, and Boundary Guide Conceptual Framing? *Journal of Planning Literature*, 1-19, DOI:10.1177/0885412214549422 (Cited by 5 as of 25 July 2017)*
 20. *Rasekh, A., Brumbelow, K. & **Lindell, M.K.** (2014). Water as warning medium: Food-grade dye injection for drinking water contamination emergency response. *Journal of Water Resources Planning and Management*, 140, 12-21.
 21. **Rogers, George Oliver**, Jesse Saginor, and Theepakorn Jithitikulchai. "Dynamics of lake-level fluctuations and economic activity." *Journal of Environmental Planning and Management* 57.10 (2014): 1497-1514. <http://dx.doi.org/10.1080/09640568.2013.815608>. (Cited by 1 as of 25 July 2017)*
 22. Rodiek, S., Nejati, A., **Bardenhagen, E.**, Lee, C., & Senes, G. (2014). The Seniors' Outdoor Survey: An Observational Tool for Assessing Outdoor Environments at Long-Term Care Settings. *The Gerontologist* (4). doi: 10.1093/geront/gnu050. (Impact Factor 3.168 and ranked 10/108 in geriatrics and gerontology)
 23. *Sohn, W., Kim, J.H., & **Newman, G.** (2014). "A Blueprint for Stormwater Infrastructure Design: Implementation and Efficacy of LID." *Landscape Research Record* v.2: 50-61. URL: <https://www.thecela.org/pdfs/LRR%20No.%2002.pdf>
 24. Stevens, Mark, Ward Lyles, and **Philip Berke**. 2014. Measuring and Reporting Inter-coder Reliability in Plan Quality Evaluation Research, *Journal of Planning Education and Research* 34(1): 77-93
 25. Trumbo, Craig, **Michelle Meyer**, Holly Marlatt*, Lori Peek, and Bridget Morrissey*. 2014. "An Assessment of Change in Hurricane Risk Perception and Optimistic Bias among Gulf Coast Residents." *Risk Analysis* 34(6): 1013-1024
 26. *Wu, H-C., **Lindell, M.K., Prater, C.S. & Samuelson, C.D.** (2014). Effects of track and threat information on judgments of hurricane strike probability. *Risk Analysis*, 34, 1025-1039.
 27. *Wei, H-L., **Lindell, M.K., & Prater, C.S.** (2014). "Certain death" from storm surge: A comparative study of household responses to warnings about Hurricanes Rita and Ike. *Weather, Climate & Society*, 6, 425-433.
 28. **Xiao, Yu** and Edward Feser, 2014, "The Unemployment Impact of the 1993 Midwest Flood: A Quasi-Experimental Structural Break Point Analysis", *Environmental Hazards*, 13(2): 93-113.
 29. **Xiao, Y. and W.G. Peacock.** (2014). Does Hazard Mitigation and Preparedness Reduce Physical Damage to Businesses in Disasters: The Critical Role of Business Disaster Planning. *Natural Hazards Review*. DOI: 10.1061/(ASCE)NH.1527-6996.0000137 or 15(3):01014007-1-11

2013 (n=27)

1. **Berke, Philip**, Danielle Spurlock, George Hess, and Larry Band. (2013). Local Comprehensive Plan Quality and Regional Ecosystem Protection: The Case of the Jordan Lake Watershed, North Carolina, U.S.A., *Land Use Policy* 31: 450-459. doi.org/10.1016/j.landusepol.2012.08.009
2. **Berke, Philip** and Ward Lyles. (2013). Public Risks and the Challenges to Climate Adaptation: A Proposed Framework for Planning in the Age of Uncertainty. *Cityscape: Journal of Policy Development and Research* 15(1): 189-216
3. *Cox, J., House, D. & **Lindell, M.K.** (2013). Visualizing uncertainty in predicted hurricane tracks. *International Journal for Uncertainty Quantification*, 3, 143-156.
4. Highfield, W. E., **Van Zandt, S.** and **Peacock, W.G.** (2013). Mitigation Planning: Why Hazard Exposure, Structural Vulnerability, and Social Vulnerability Matter. *Journal of Planning Education and Research*, 34(3): 287-300.
5. Horney JA, Nguyen M, **Cooper J**, Simon M, Ricchetti-Masterson K, Salvesen D, **Berke P.** (2013). "Accounting for vulnerable populations in rural hazard mitigation plans: Results of a survey of emergency managers". *Journal of Emergency Management*. 2013, 11(3), 205-211
6. Jourdan, D.E., S. **Van Zandt**, and *E. Tarlton. 2013. Coming Home: Resident Satisfaction Regarding Return to a Revitalized HOPE VI Community. *Cities* 35:439-444. DOI: 10.1016/j.cities.2013.03.006
7. Kim, HY, **Wunneburger, D.**, and Neuman, M. (2013). High-Speed Rail Route and Regional Mobility with a Raster-Based Decision Support System: The Texas Urban Triangle Case. *Journal of Geographic Information System*, 5(6), 559-566. doi: 10.4236/jgis.2013.56053.
8. **Lindell, M.K.** & Brooks, H. (2013). An integrated agenda for research on severe storms. *International Journal of Mass Emergencies and Disasters*, 31, 429-454.
9. **Lindell, M.K.** (2013). Disaster studies. *Current Sociology Review*, 61, 797-825. DOI: 10.1177/0011392113484456.
10. **Lindell, M.K.** (2013). Emergency management. In P. Bobrowsky (Ed.). *Encyclopedia of Natural Hazards* (pp. 263-271). Heidelberg: Springer.
11. **Lindell, M.K.** (2013). Evacuation planning, analysis, and management. In A.B. Bariru and L. Racz (Eds.). *Handbook of Emergency Response: A Human Factors and Systems Engineering Approach* (pp. 121-149). Boca Raton FL: CRC Press.
12. **Lindell, M.K.** (2013). North American cities at risk: Household responses to environmental hazards. In H. Joffe, T. Rossetto & J. Adams (Eds.). *Cities at Risk: Living with Perils in the 21st Century* (pp. 109-130). Dordrecht: Springer.
13. **Lindell, M.K.** (2013). Recovery and reconstruction after disaster. In P. Bobrowsky (Ed.). *Encyclopedia of Natural Hazards* (pp. 812-824). Heidelberg: Springer.
14. **Lindell, M.K.** (2013). Risk perception and risk communication. In P. Bobrowsky (Ed.). *Encyclopedia of Natural Hazards* (pp. 870-872). Heidelberg: Springer. DOI 10.1007/978-1-4020-4399-4.
15. **Lindell, M.K.**, Sutter, D.S. & Trainor, J.E. (2013). Individual and household response to tornadoes. *International Journal of Mass Emergencies and Disasters*, 31, 373-383.
16. **Meyer, Michelle A.** "Internal Environmental Displacement?: A Growing Challenge to the U.S. Welfare State." In: *Disaster and Sociolegal Studies*. Edited by S. Sterett. New Orleans, LA: Quid Pro Books.

17. **Meyer, Michelle**, Jeni Cross, Zinta Byrne, Bill Franzen, and Stu Reeve. "Green School Building Success: Innovation through a Flat-Team Approach." In: *Constructing Green: The Social Structures of Sustainability*, Pg. 219-238. Edited by R. Henn and A. Hoffman. Cambridge, MA: MIT Press.
18. **Newman, G.** (2013) "A Conceptual Model for Measuring Neglect in Historic Districts." *Journal of Preservation, Education, and Research*, 6: 41-58. ISSN: 1946-5904
URL: <http://www.ncpe.us/wp-content/uploads/2014/11/PER2013-offprint-NEWMAN.pdf>
19. **Rogers, G.** and **Bardenhagen, E.** (2013) Valuing ecological resources through stakeholder participation. *Open Journal of Ecology*, 3, 343-353.
20. Siebeneck, L.K., **Lindell, M.K.**, Prater, C.S., *Wu, H.C. & *Huang, S.K. (2013). Evacuees' reentry concerns and experiences in the aftermath of Hurricane Ike, *Natural Hazards*, 65, 2267-2286.
21. Siordia, Carlos and **Douglas F. Wunneburger**. 2013. Contiguity Principle for Geographic Units: Evidence on the Quantity, Degree, and Location of Public Use Microdata Area (PUMA) Fragmentation. *Human Geographies*
22. Smith, Gavin, Ward Lyles, and **Philip Berke**. (2013). The Role of the State in Building Local Capacity and Commitment for Hazard Mitigation Planning, *International Journal of Mass Emergencies and Disasters* 31 (2): 178-203
23. *Terpstra, T. & **Lindell, M.K.** (2013). Citizens' perceptions of flood hazard adjustments: An application of the Protective Action Decision Model. *Environment and Behavior*, 45, 993-1018.
24. **Van Zandt**, S. and *P. Mhatre. 2013. The Effect of Housing Choice Voucher Households on Neighborhood Crime: Longitudinal Evidence from Dallas. *Poverty & Public Policy* 5(3): 229-249. DOI: 10.1002/pop4.36.
25. *Wu, H.C., **Lindell M.K.**, Prater C.S. & Huang, S-K. (2013). Logistics of hurricane evacuation in Hurricane Ike. In J. Cheung and H. Song (Eds.), *Logistics: Perspectives, Approaches and Challenges* (pp. 127-140). Hauppauge NY: Nova Science Publishers.
26. **Xiao, Yu** and Joshua Drucker, 2013, "Does Industrial Diversification Enhance Local Economic Disaster Resilience?", *Journal of American Planning Association*, 79(2): 148-160.
27. **Xiao, Yu** and Uttara Nilawar*, 2013, "Winners and Losers in Space: Analyzing Spatial Demand Shift after Natural Disasters", *Disasters*, 37(4): 646-668.

Academic Presentations/ Posters by HRRC Fellows

2017 (n=35)

1. Arnold, M.A., **Newman, G.**, J.-H. Kim, M.-H. Li, & K.-H. Chu. 2017. A Simple Rain Garden Serves as a Catalyst to Multi-Disciplinary Teaching and Campus Community Engagement. 2017 Annual Meeting of the Southern Region of the American Society for Horticultural Sciences, Mobile, AL, Feb. 3 – 5, 2017. *HortScience* 52(9) Supplement: S28 (Abstr.)
2. **Bardenhagen, E., Brown, R.**, *Microclimatic Design of Outdoor Places for Seniors* (2017). EDRA 2017 Conference, Madison, WI.
3. **Bardenhagen, E., Brown, R.**, *Capturing Reliable Microclimatic Data in Outdoor Places for Seniors* (2017). European Healthcare Design 2017 and the UIA-Public Health

Advisory Group Annual Seminar & Global University Program in Healthcare Architecture Meeting 2017, June 11, London, UK.

4. **Berke P., Newman G., Cooper J.T.**, Gharaibeh N., Horney J.A. (Jan. 2017). *The Environmental Grand Challenge: How Interdisciplinary Research and Community Engagement Work to Build Resilience*. National Council for Science and the Environment.
5. **Berke, P.**, Hokanson, B., **Masterson, J.H.** (2017, May). *Plan Integration for Resilience Scorecard: How to spatially evaluate networks of plans to reduce hazard vulnerability*. Presentation presented at the National Planning Conference of the American Planning Association, New York, NY.
6. **Bierling, D.**, LEPC Survey 2017 Results. National Association of SARA Title III Program Officials Fall Workshop, Houston, Texas, October 2017.
7. Brodersen, S. S. Hamideh, **W.G. Peacock**, D. Gu. (2017). Evaluating the Accuracy of Post-Disaster Damage Assessments Using Pre-Impact Images of Residential Structures. Poster Presentation, 42nd Annual Natural Hazards Workshop, July 9-12, Broomfield, Colorado.
8. Chandrasekar, Divya, Donovan Finn, and Yu Xiao. 2017. "A longitudinal analysis of household recovery after 2012 Hurricane Sandy", Presented at the 57th Association of Collegiate Schools of Planning (ACSP) Annual Conference, November 12-15, Denver, Colorado.
9. Gu, D., **G. Newman**, S. Hamideh, N. Rosenheim, **W.G. Peacock**. (2017). Spatial Preference for Post Disaster Recovery: Vacant Lots After Hurricane Ike in Galveston, Texas. Paper presentation at the 57th American Collegiate Schools of Planning Conference, Denver Colorado, October 12-15, 2017.
10. Gu, D., **Newman, G.**, Hamideh, S., Rosenheim, N., & **Peacock, W. G.** (2017) Spatial Preference for Post Disaster Recovery: Vacant Lots after Hurricane Ike in Galveston, Texas. *57th Association of Collegiate Schools of Planning (ACSP) Annual Conference*, October 12-15, Denver, Colorado
11. Gu, D., **Rosenheim, N., & Peacock, W. G.** (2017). Spatial Data Exploration of Post Hurricane Matthew Field Study. *42nd Annual Natural Hazards Research and Applications Workshop*, July 9-12, Broomfield, Colorado.
12. Gu, D., **Rosenheim, N., & Peacock, W. G.** (2017). Spatial Exploration of Post Field Study Data. *NIST: Community Resilience Center of Excellence Biannual Meeting Graduate and Post-Doctoral Poster Presentation Competition 2017*, April 27-28, Fort Collins, Colorado
13. Gu, D., & **Newman, G.**, Hamideh, S., **Rosenheim, N., Peacock, W.** (Oct., 2017). *Spatial Preference for Post-Disaster Recovery: Vacant lots after Hurricane Ike in Galveston, Texas*. Association of Collegiate Schools of Planning (ASCP) – Denver, CO.
14. Horney, J., **Newman, G.**, Chui, W., McDonald, T. (Dec., 2017). *Challenges in Assessing Risk from Exposure to Water and Soil Contaminated by Hurricane Harvey Flooding*. NIEHS Superfund Research Center Annual Meeting.
15. Kim, Y.J., & **Newman, G.** (Oct., 2017). *Future Urban Growth and Flood Vulnerability in Tampa Florida..* Association of Collegiate Schools of Planning (ASCP) – Denver, CO.

16. Lee, J.Y. & **Bame, S.** (2017). *Temporal Patterns of Housing and Shelter Needs during 2015 Texas Flooding*. Presented at the Association of Collegiate Schools of Planning Annual Conference, Denver, CO, October 12–15.
17. *Lee, R.J. & **Newman, G.** (May, 2017). *Developing Typologies for Vacant Urban Land*. Council of Educators in Landscape Architecture Conference – Beijing, China.
18. Lee, R.J., & Newman, G. (Oct., 2017). *The Geography of Opportunity: Neighborhood Distress and Clustered Abandonment*. Association of Collegiate Schools of Planning (ASCP) – Denver, CO.
19. Lee, R.J., & **Newman, G.** (Oct., 2017). *Does Vacant Land Encourage Gentrification? The Characteristics of Vacant Land in Gentrifying Neighborhoods*. Association of Collegiate Schools of Planning (ASCP) – Denver, CO.
20. Merrill, J., George, B., & **Newman, G.** (May, 2017). *Opportunities and Obstacles in Online Teaching in Landscape Architecture*. Council of Educators in Landscape Architecture Conference – Beijing, China.
21. **Newman, G.**, *Malecha, M., *Yu, S., *Qiao, Z., Horney, J., Lee, J., *Kim, Y.J., *Lee, R.J., & Berke, P. (Oct., 2017). *GeoDesign for Sea Level Rise: Vulnerability, Flood Plain and Impact Projection*. 3rd International Digital Landscape Seminar & Digital Landscape Week – Nanjing, China** **Only 5 people invited to present
22. **Newman, G.**, Hollander, J., *Lee, J., *Lee, R.J., & *Li, Y. (May, 2017). *Transforming Vacant Lands through Smart Decline*. Council of Educators in Landscape Architecture Conference – Beijing, China.
23. **Newman, G.**, Berke, P., *Kim, Y.J., *Lee, R.J., *Wang, Y., & *Li, Q. (May, 2017). *A Participatory Process for Increasing Community Flood Resiliency*. Council of Educators in Landscape Architecture Conference – Beijing, China.
24. Noh, Y., **Newman, G.**, and Lee, R.J. (Oct., 2017). *Urban Decline and Residential Preference: The Effect of Vacant Lots on Housing Premiums*. Association of Collegiate Schools of Planning (ASCP) – Denver, CO.
25. Park, Y.M. & **Newman, G.** (May, 2017). *A Systematic Review of the Effects of New Urbanism on Housing Prices*. Council of Educators in Landscape Architecture Conference – Beijing, China.
26. Perez, M. N. Rosenheim, and W.G. Peacock (2017) Food Security, Critical Infrastructure and Natural Hazards: A Link between Engineering and Planning Methods. Paper presentation at the 57th American Collegiate Schools of Planning Conference, Denver Colorado, October 12-15, 2017.
27. Reja, M.Y., Brody, S., Highfield, W. & **Newman, G.** (Apr., 2017). *Understanding the Notion between Resiliency and Recovery through a Spatial-Temporal Analysis of Section 404 Wetland Alteration Permits before and after Hurricane Ike*. ICNHRR 2017: 19th International Conference on Natural Hazard Risk Reduction – Boston, MA****This talk received the 2017 ICNHRR Best Paper Award**
28. Silvia Mazzoni, Erica Fisher, Forrest Lanning, Dave Brunsdon, Yu Xiao, and Michael Mieler, 2017. Learning From Earthquakes (LFE), presented at EERI 69th Annual Meeting, Portland, Oregon (March 7-10)
29. *Wang, H. & **Newman, G.** (May, 2017). *Wars and Cities: The Spatial Dynamics of Street Networks in Shenyang, China (1898-1966)*. Council of Educators in Landscape Architecture Conference – Beijing, China

30. Watson, Maria* and Yu Xiao. 2017. "Systematic Review Results: Individual Business Impacts and Recovery." Presented at the 42nd Annual Natural Hazards Research and Applications Workshop, July 9-12, Broomfield, Colorado.
31. Woodruff, Sierra C. 2017. Are we coordinating plans for climate adaptation? The 3rd National Adaptation Forum. Saint Paul, MN.
32. Woodruff, Sierra. 2017. ND-GAIN's Urban Adaptation Assessment: Climate Change and Social Equity. A workshop on Adapting to Climate Change: Actions, Implementations, and Outcomes, South Bend, IN. Presentation.
33. Woodruff, Sierra. 2017. Ecosystem services in urban land use planning: Frameworks and guidance. US International Association of Landscape Ecologist Annual Meeting, Baltimore, MD. Presentation.
34. Wu, Kai* and Yu Xiao. 2017. "Can Households Invest in Social Capital to Achieve Better Recovery Outcomes? A Case Study of 2012 Superstorm Sandy", Presented at the 57th Association of Collegiate Schools of Planning (ACSP) Annual Conference, November 12-15, 2017, Denver, Colorado.
35. Xiao, Yu and Maria Watson*. 2017. "Guidance on Conducting a Systematic Literature Review", Presented at the 57th Association of Collegiate Schools of Planning (ACSP) Annual Conference, November 12-15, Denver, Colorado.

2016 (n=26)

1. Almufti, Ibrahim, Cynthia Kroll, Anne Wein, Heidi Tremayne, Shizza Fatima, and **Yu Xiao**, 2016, "Quantifying Business Interruption, Downtime, and Recovery following the 2014 South Napa Earthquake and Identifying the Causes", Proceedings of the Structural Engineers Association of California (SEAOC) Convention, Maui, Hawaii.
2. **Bardenhagen, E.** (2016). Applying the Seniors' Outdoor Survey (SOS) in practice: An observational tool for assessing outdoor environments at residential care facilities for aging. In, Del Nord, R. (Ed.) Health for All: Cultural, Operational & Technological Influences. Proceedings of the UIA-Public Health Advisory Group Annual Seminar & Global University Program in Healthcare Architecture Meeting, May 23-25, 2015 Dalian, China. Florence; Tesis- University of Florence.
3. **Bardenhagen, E.**, Donald, G., (2016) *A Design Framework for Active Aging-Focused Parks*. CELA 2016 Conference, Salt Lake City, UT.
4. **Bardenhagen, E.**, Merrill, J., O'Brien, M. (2016) *Interdisciplinary Student Design Teams: Managing Turbulence, Building Momentum, and Fostering a Culture of Organizational Creativity*. CELA 2016 Conference, Salt Lake City, UT, March 2016.
5. **Bardenhagen, E.**, Rodiek, S., Nejati, A., Lee, C., *Applying the Seniors' Outdoor Survey (SOS) in practice: An observational tool for assessing outdoor environments at residential care facilities for aging*. UIA-Public Health Advisory Group Annual Seminar & Global University Program in Healthcare Architecture Meeting, May 23-25, Dalian, China.
6. **Berke, Philip**. Plan Integration Scorecard for Resilience: Evaluating Networks of Plans in Six Cities, November 3, 2016, Association of the Collegiate Schools of Planning, Portland, OR
7. Chandrasekar, Divya, Donovan Finn, **Yu Xiao**, and Robin Rothfeder. 2016. "What Drives Household Recovery after Catastrophic Disasters? Lessons from New York City after the 2012 Hurricane Sandy", Presented at the 56th Association of Collegiate Schools of Planning (ACSP) Annual Conference, November 3-6, 2016, Portland, Oregon.

8. **Bierling, D.**, *Stakeholder Participation and Enhancing Information in Emergency and Disaster Planning*, International Research Committee on Disasters Researchers Meeting, Broomfield, Colorado, July 2016.
9. Ellingwood, B.R., van de Lindt, J.W., Cox, D., Wang, N., Cutler, H., **Peacock, W.G.**, and Gardoni, P. (2016). Introducing the NIST center of excellence for risk-based community resilience planning: Part II: Center of excellence community resilience testbeds, climate change and upcoming center research activities. *World 1st International Workshop on Resilience*. Torino, Italy
10. Finn, Donovan, Divya Chandrasekar, and **Yu Xiao**. 2016. "Planning after Sandy: How do We Rebuild for a More Resilient Region", Presented at the 56th Association of Collegiate Schools of Planning (ACSP) Annual Conference, November 3-6, 2016, Portland, Oregon.
11. *Gu, D., **Rosenheim, N.**, **Peacock, W. G.**, & *Watson, M. (2016). Predicting Dislocation for the Centerville Virtual Community. *NIST: Community Resilience Center of Excellence Biannual Meeting Graduate and Post-Doctoral Poster Presentation Competition 2016*, April 28-29, Fort Collins, Colorado
12. Hamideh, S., **W.G. Peacock**, and **S. Van Zandt** (2016). Inequalities in Long-term Housing Recovery. Paper presented at the 56th American Collegiate Schools of Planning Conference, Portland, Oregon, October 3rd-6th, 2016
13. Huang, S-K., Jon, I. & **Lindell, M.K.** (2016). *Perceptions and expected immediate reactions to severe storm displays*. Society for Risk Analysis.
14. Kil, S.H., Kim, J.H., **Newman, G.**, Lee, D.K., & Park, J.H. (Mar. 2016). *The Benefits of Unmanned Aerial Vehicles (UAVs) for Analyzing Land-Cover Temperature*. Council of Educators in Landscape Architecture Conference – Salt Lake City, UT.
15. *Kim, B. & **Newman, G.** (Oct. 2016). *The Impact of Revitalization Plans and Policies on Vacant Land Uses*. The Association of Collegiate Schools of Planning Conference – Portland, OR.
16. *Lee, R.J. & Newman, G. (Oct. 2016). *The Patterns of Vacant Land and Neighborhood Change in Minneapolis, MN*. The Association of Collegiate Schools of Planning Conference – Portland, OR.
17. **Newman, G.**, Bowman, A. O'M., *Lee, R.J., & *Kim, B. (Oct. 2016). *Vacant Land and Structural Abandonment in Large American Cities*. The Association of Collegiate Schools of Planning Conference – Portland, OR.
18. **Newman, G.** & Kim, J.H. (Mar. 2016). *The Perceived Effects of Flipped Teaching on Knowledge Acquisition*. Council of Educators in Landscape Architecture Conference – Salt Lake City, UT.
19. **Newman, G.**, *Lee, R.J. & Bowman, A. (Mar. 2016). *Vacant Urban Land in America*. Council of Educators in Landscape Architecture Conference – Salt Lake City, UT.
20. **Newman, G.**, J.-H. Kim, M.-H. Li, M.A. Arnold, and K.-H. Chu. (Aug., 2016). *Aggie B.L.U.E. Print Laboratories: Building Lasting University Environments - A Multi-Disciplinary Teaching Opportunity*. Annual Conference of the American Society for Horticultural Sciences, Atlanta, GA, Aug. 7 – 11, 2016 HortScience 51(9):S263 (Abstr.).
21. **Peacock, W.G.** (2016). The Fact Basis for Pre- and Post-Disaster Recovery Planning: Facilitating Resilient Community Recovery. Paper presented at the 56th American Collegiate Schools of Planning Conference, Portland, Oregon, October 3rd-6th, 2016

22. **Peacock, W.G.** (2016) The Hazard Reduction and Recovery Center: Some Recent Research Findings and their Implications for Practice. Presentation to the 41st Annual Natural Hazards Research and Applications Workshop, Broomfield, Colorado.
23. Rodiek, S., **Bardenhagen, E.**, Sachs, N., (2016) *Planning, Designing, and Evaluating Outdoor Spaces to Optimize Usage*. Three-part educational session given at the 2016 Environments for Aging Conference, Austin TX.
24. **Rosenheim, Nathanael**; Sutley, Elaina; Tobin, Jennifer. *Applying a Stress-Performance Relationship to Community Resilience Modeling: Narrowing the Gap Between Engineering and the Social Sciences*. National Institute for Standards and Technology – Center of Excellence for Community Resilience Conference, Fort Collins, CO. April 2016.
25. *Sohn, W.M., Kim, J.H., & **Newman, G.** (Mar. 2016). ‘*Design Assessment for Sustainable Hydrologic System Development using a Systematic Framework***.’ Council of Educators in Landscape Architecture Conference – Salt Lake City, UT **This poster received the 2016 CELA Academy of Fellows Outstanding Poster Award
26. **Xiao, Yu**, Kai Wu*, Divya Chandrasekar, and Donovan Finn. 2016. “Understanding Community Post-Disaster Recovery: the Interdependence of Household and Business Recovery Decisions After Hurricane Sandy”, Presented at the 10th International Association for China Planning (IACP) annual conference, June 30- July 3, Beijing, China.

2015 (n=32)

1. **Bardenhagen, E.**, Rodiek, S., Nejati, A., (2015) Applying the Seniors’ Outdoor Survey (SOS) in Practice: An Observational Tool for Assessing Outdoor Environments at Long-Term Care Settings. Council of Educators in Landscape Architecture, Manhattan KS.
2. Chandrasekar, Divya, Donovan Finn, and **Yu Xiao**. 2015. “The Interdependence of Household and Business Recovery Decisions after Hurricane Sandy”, Presented at the 55th Association of Collegiate Schools of Planning (ACSP) Annual Conference, October 22-25, Houston, TX
3. Finn, Donovan, **Yu Xiao**, Divya Chandrasekar. 2015. “Rebuilding, recovery and resilience: Innovations in post-disaster planning after Sandy”, Presented at the 55th Association of Collegiate Schools of Planning (ACSP) Annual Conference, October 22-25, Houston, TX
4. *Gu, D. & **Newman, G.** (Oct. 2015). *The Effect of Sustainable Transportation Systems on Shrinking Cities*. The Association of Collegiate Schools of Planning Conference – Houston, TX.
5. Kil, S.H., Kim, J.H, **Newman, G.** & Lee, D.K. (March, 2015). *Effects of Green Space Size on Land Surface Temperature (LST) in Seoul, Korea*. Oral Presentation: Council of Educators in Landscape Architecture Conference – Manhattan, KS
6. *Kim, B. & **Newman, G.** (Apr. 2015). *The Distribution of Vacant Land in Expanding Cities*. 45th Annual Urban Affairs Association Conference – Miami, FL
7. *Leal, K., Newman, G. & Peacock, W. (Oct. 2015) ‘*Sea Level Rise and Social Vulnerability of Galveston County*.’ The Association of Collegiate Schools of Planning Conference – Houston, TX National Science Foundation (NSF) Research Experiences for Undergraduates (REU) Special Session, 2015.
8. Lee, Jee Young; **Bame S.** (2015) *Community factors associated with unmet housing needs of*

- owners vs. renters during disaster: Case study of Hurricanes Katrina and Rita.*
(Presentation at American Collegiate Schools of Planning, Houston, TX: 10/22-25/2015).
9. Lee Jee Young, **Bame, SI.** (2015). *Patterns of Unmet Housing Needs by Types during Hurricanes Katrina and Rita: Differences over Time and Location in Texas, Fall 2005.* Poster Presented at Natural Hazards Workshop, Broomfield, CO, July 13–16.
 10. *Lee, R.J. Newman, G., & Bowman, A. (Oct. 2015). *A Current Inventory of Vacant Urban Land in America**.* The Association of Collegiate Schools of Planning Conference – Houston, TX. **This poster received the 2015 ACSP People’s Choice Poster Award
 11. Lee, C., Xu, M., Zhu, X., Saginor, J., **Bardenhagen, E.**, (2015) Perceived economic values of walkable communities: Built and natural amenities for walking. Council of Educators in Landscape Architecture, Manhattan KS.
 12. **Lindell, M.K.**, Wu, H-C, Prater, C.S., Huang, S-K., House, D.H. & Samuelson, C.D. (2015). *Visualizing uncertainty about environmental hazards.* Vis 2015 Workshop on Visualization for Decision Making Under Uncertainty.
 13. **Lindell, M.K.**, Huang, S-K., Wei, H-L., & Samuelson, C.D. (2015). *Perceptions and expected immediate reactions to tornado warning polygons.* American Geophysical Union Fall Conference.
 14. **Masterson, J.H.** (2015, February). *Planning for Community Resilience.* Book tour presentation at the monthly meeting of the American Institute of Architects San Francisco hosted by Island Press, San Francisco, CA.
 15. **Masterson, J.H.** (2015, February). *Planning for Community Resilience.* Book tour presentation at the monthly meeting of SPUR San Francisco hosted by Island Press, San Francisco, CA.
 16. **Masterson, J.H.** (2015, February). *Planning for Community Resilience.* Book tour presentation at Palo Alto Community Center hosted by Island Press, Palo Alto, CA.
 17. **Masterson, J.H.** (2015, February). *Planning for Community Resilience.* Book tour presentation at the monthly meeting of SPUR San Jose hosted by Island Press, San Jose, CA.
 18. **Newman, G.** & *Lee, J. (Oct. 2015). *Forecasting Decline: Using the Land Transformation Model to Predict Vacant Land.* The Association of Collegiate Schools of Planning Conference – Houston, TX.
 19. **Newman, G.** (March, 2015). *Geodesign for the Un-developing Landscape.* Oral Presentation as part of the “Applications of Geodesign” Panel: Council of Educators in Landscape Architecture Conference – Manhattan, KS
 20. **Newman, G.** & Bardenhagen, E. (March, 2015). *The Ike Dike: Design Strategies for Integrating Surge Protection Infrastructure and Resilient Communities.* Oral Presentation: Council of Educators in Landscape Architecture Conference – Manhattan, KS
 21. **Peacock, W.G.** (2015). Long-Term Housing Recovery: A few small ideas to address this BIG issue. Paper presentation to the American Collegiate Schools of Planning Annual Meeting, Houston Texas, 23 October, 2015.
 22. **Peacock, W.G.**, M. Olivares, H. Park. **D. Wunnegurger,** and **Shannon Van Zandt.** Hurricane Evacuation Zone Development and Vulnerability Analysis: The Case of Texas’ Lower Rio Grande Valley. Presentation to the International Research Committee on Disasters Researchers Meeting, Broomfield, Colorado, July 23, 2015.

23. **Rogers, George O.**, 2015, Development Process and Neighborhood Turnover, Association of Collegiate Schools of Planning, Annual Conference, Houston, TX, 25 October 2015.
24. **Rosenheim, N.** 2015. *Comparing the food shopping patterns of low-income households in counties with and without Food Policy Councils*. The Association of Collegiate Schools of Planning Annual Conference, Houston, TX. October 22-25.
25. **Rosenheim, N.** 2015. *Searching for food environments that retain and attract low-income households*. The Association of American Geographers 2015 Annual Meeting -- Chicago, Illinois. April 21-25.
26. *Sohn, W., Kim, J. & **Newman, G.** (Jan. 2015). *An Efficacy Assessment Model for Integrated LID Designs: Application to Three LID Based Projects in Texas*. International Low Impact Development Conference – Houston, TX.
27. *Sohn, W., Kim, J.H, & **Newman, G.** (Mar. 2015). *Groundwater Infiltration as a Smartwater Use Strategy: Performance Evaluation of Low Impact Development in Conroe, Texas*. Council of Educators in Landscape Architecture Conference – Manhattan, KS
28. **Van Zandt, S.S. & Masterson, J.H.** (2015, July). *Rapid Disaster Housing Recovery Program*. Poster presented at the annual Natural Hazards Research and Applications Workshop at the University of Colorado, Broomfield, CO.
29. *Wang, H. & **Newman, G.** (Oct. 2015). *The Effects of Invasions and Wars on Urban Form: A History of Shenyang City, China*. The Association of Collegiate Schools of Planning Conference – Houston, TX.
30. Wei, H-L., **Lindell, M.K.**, Prater, C.S. & Huang, S-K. (2015). *Households' responses to the threat of Mt. Rainier volcano in Pierce County, Washington*. International Research Committee on Disasters Researchers Meeting.
31. **Xiao, Yu**, Divya Chandrasekar, and Donovan Finn. 2015. “Disaster Aid and Household Recovery in Post-Hurricane Sandy NYC”, Presented at the 55th Association of Collegiate Schools of Planning (ACSP) Annual Conference, October 22-25, Houston, TX
32. **Xiao, Yu** and Tao Zhou. 2015. “Financing Urban Development through Transit Investment in Lagging Regions: A Case Study of Chongqing, China”, Presented at 9th International Association for China Planning (IACP) annual conference, June 19-21, Chongqing, China.

2014 (n=52)

1. **Bardenhagen, E.**, Rodiek, S., Nejati, A., (2014) Using the Senior Outdoor Survey assessment tool to evaluate the effectiveness in outdoor senior living facilities. Council of Educators in Landscape Architecture, Baltimore, MD.
2. **Berke, Phil:** 2014 Planning for Resiliency: A Framework for Evaluating How Well Local Plan Networks Target Vulnerability to Coastal Hazards and Sea Level Rise, October 30, 2014, Association of the Collegiate Schools of Planning, Philadelphia, PA
3. **Berke, P.**, *Lee, J. **Newman, G.**, Combs, T., Kolosna, C., & Salvesen, D. (Oct. 2014) *Planning for Resiliency: A Framework for Evaluating Local Plan Networks and Vulnerability to Coastal Hazards and Sea Level Rise*. Association of Collegiate Schools of Planning 54th Annual Conference – Philadelphia, PA
4. **Bierling, D.**, *Roadway Safety and Energy Development. 2014 Traffic Safety Conference*. San Antonio, TX. May 12-14, 2014.

5. Chandrasekar, Divya, Donovan Finn, and **Yu Xiao**, 2014, “The effect of recovery capacity on household decisions to stay or relocate after Hurricane Sandy”, Presented at the 54th Association of Collegiate Schools of Planning (ACSP) Annual Conference, October 30- November 2, Philadelphia, Pennsylvania
6. *Hamideh, S., **W.G. Peacock**, and **S. Van Zandt**. Long-term Housing Recovery: Disparities After Hurricane Ike. Association of Collegiate Schools of Planning National Conference. Philadelphia, PA, October 30-November 2, 2014.
7. *Hamideh, S., **S. Van Zandt**, and **W.G. Peacock**. Collaborative Planning for Post-Disaster Recovery: Galveston after Ike. Urban Affairs National Conference, March 20, 2014, San Antonio, TX.
8. *Hamideh, S., **W. G. Peacock**, **S. Van Zandt**. 2014. Disparities in Housing Recovery Following Hurricane Ike. Poster presented at the Natural Hazards Annual Workshop. Broomfield, Colorado June 22-25.
9. Hendricks, M., S. Hamideh, **M. Meyer**, **J. Cooper, Jr.**, **D. Bierling**, **S. Van Zandt**, and **W. G. Peacock** 2014. Technological versus Natural Disasters: Consequences for Early Recovery Planning and Decision-Making at the Community and Household Level. Poster presented at the Natural Hazards Annual Workshop. Broomfield, Colorado June 22-25.
10. Hong, Saheum* and **Yu Xiao**. 2014. “The Influence of Multiple Specializations on Regional Economic Performance” Presented at the 44th Urban Affairs Association Conference, March 19-22, San Antonio, Texas.
11. Huang, C., **W.G. Peacock**, and **S. Van Zandt**. 2014. Assessing the Relationship between Social Vulnerability and Physical Vulnerability to Flooding Along the Texas Coast: A comparison of Decennial Census and American Community Survey (ACS) Data. Poster presented at the Natural Hazards Annual Workshop. Broomfield, Colorado June 22-25.
12. *Kim, B. **Newman, G.** (Oct. 2014). *The Spatial Effect of Civic Expansion on Vacant Land Distribution in Fort Worth, Texas*. Poster Presentation. Association of Collegiate Schools of Planning (ACSP) 54th Annual Conference – Philadelphia, PA
13. *Lee, J. **Newman, G.** (Oct. 2014). *Forecasting Shrinkage: Modifying Spatial Prediction Models of Land Use Change*. Poster Presentation. Association of Collegiate Schools of Planning (ACSP) 54th Annual Conference – Philadelphia, PA
14. *Lee, J., **Newman, G.** & Kim, J.H. (Mar. 2014). *Structured Landscape Corridor: A Methodology for Integrating Species Richness and Development Potential*. Council of Educators in Landscape Architecture Conference – Baltimore, MD
15. Lee, Jee Young* (presenter), **S. Bame**, and **S. Van Zandt**. Differences between Renters and Owners Unmet Housing Needs During Disasters. Association of Collegiate Schools of Planning National Conference. Philadelphia, PA, October 30-November 2, 2014.
16. **Lindell, M.K.**, Prater, C.S. & *Huang, S-K. (2014). *Residents' responses to the May 1-4 2010 Boston water contamination incident*. International Sociological Association World Congress of Sociology.
17. Marler, A., **Bardenhagen E.**, (2014) Analysis of Traffic Congestion and Flooding Patterns in Houston, TX. Annual Conference of the American Planning Association. Atlanta, GA.
18. Mueller, E.J. (presenter) and **S. Van Zandt**. Every Cloud has a Silver Lining: Disaster Recovery and Affirmatively Furthering Fair Housing in Texas. Association of Collegiate Schools of Planning National Conference. Philadelphia, PA, October 30-November 2, 2014.

19. **Newman, G. & *Kim, B.** (2014). "GIS Based Framework for Assessing Neglect in the Historic Built Environment." *The Sustainable City IX: Urban Regeneration and Sustainability*, Vol. 1 & 2. Section 16-Urban Conservation and Regeneration. Siena, Italy: Wessex Institute of Technology Press, pp.1127-1138. ISSN: 1743-3541.
20. **Newman, G. & *Kim, B.** (2014). "Linking Growth Management to Urban Conservation: GeoDesign as a Tool for Identifying Regeneration Sites." *Peer Reviewed Proceedings of Digital Landscape Architecture 2014 at ETH Zurich*. Section 2-Geodesign Methods and Tools. Wissen Hayek/Fricker/Buhmann (Ed.). Berlin, German: Wichmann Press, pp.128-137. ISBN: 978-3-87907-530-0
21. **Newman, G.** (2014). "Comparing Neglect Rates in Historic Cities: Agricultural Preservation as Potential Remedy." *The 12th Australasian Urban History/Planning History Conference (UHPH) Proceedings - Landscapes and Ecologies of Urban and Planning History*, Victoria University: Wellington, New Zealand. Morten Gjerde and Emina Petrovic (Ed.) pp. 553-552. ISBN: 978-0-475-12413-5
22. **Newman, G., Kim, J.H., Perkl, R., & Bardenhagen, E.** (March, 2014). *Integral Resiliency: Vacant Land as a Catalyst for Merging Surge Protection Infrastructure with Landscape Connectivity*. Council of Educators in Landscape Architecture Conference – Baltimore, MD
23. **Newman, G., Kim, J.H.** (March, 2014). *A Model for Adjusting Technology Curriculums in Landscape Architecture Programs: Synchronizing Professional Demand with Pedagogical Framework*. Council of Educators in Landscape Architecture Conference – Baltimore, MD
24. **Newman, G. & *Kim, B.** (2014). *GIS Based Framework for Assessing Neglect in the Historic Built Environment*. Sustainable City: 9th International Conference on Urban Regeneration and Sustainability – Siena, Italy.
25. **Newman, G. & *Kim, B.** (May, 2014). *Linking Growth Management to Urban Conservation: GeoDesign as a Tool for Identifying Regeneration Sites*. The 15th International Conference on Information Technology in Landscape Architecture - Landscape Architecture and Planning: Developing Digital Methods in GeoDesign – Zurich, Switzerland
26. **Newman, G.** (Feb., 2014). *Comparing Neglect Rates in Historic Cities: Agricultural Preservation as Potential Remedy*. The 12th Australasian Urban History/Planning History Conference: Landscapes and Ecologies of Urban and Planning History, Victoria University – Wellington, New Zealand
27. **Newman, G. & Kim, J.H.** (Feb., 2014). *Development of an Interactive Web frastructure for LAND240*. 2014 Teaching with Technology Conference – Texas A&M University: College Station, TX
28. **Newman, G. & Saginor, J.** (Oct. 2014). *Keys to Preventing Demolition by Neglect*. Association of Collegiate Schools of Planning (ACSP) 54th Annual Conference– Philadelphia, PA
29. **Saginor, J. & Newman, G.** (Apr., 2014). *Nuclear Coastal Residential Real Estate Property Values*. American Real Estate Society – San Diego, CA
30. **Park, Han*** (presenter), and **S. Van Zandt**. Affordable Housing Program Users and Their Accessibility to Public Transportation and Walkability. Association of Collegiate Schools of Planning National Conference. Philadelphia, PA, October 30-November 2, 2014.

31. Park, H. (presenter)*, and **S. Van Zandt**. Housing Choice Voucher and Low Income Housing Tax Credit and Their Influences on Neighborhood Diversity. Urban Affairs National Conference, March 20, 2014, San Antonio, TX.
32. **Peacock, W.G., S. Van Zandt**, Y. Zhang, and W. Highfield. 2014. Long-Term Housing Recovery after Disasters: Findings from Miami and Galveston. International Research Committee on Disasters Researchers Meeting, June 25-6, Omni Interlocken Resort, Broomfield, Colorado.
33. **Peacock, W.G., S. Van Zandt** (presenter), Y. Zhang, and W. Highfield. Obstacles to Housing Recovery for Socially Vulnerable Populations. XVIII ISA World Congress of Sociology (July 13-19, 2014), Yokohama Japan.
34. *Ren, Y., **Newman, G.** & Kim, J.H. (Mar. 2014). *TAES Annex Building: Water Smart Program*. Council of Educators in Landscape Architecture Conference – Baltimore, MD
35. **Rogers, George O.**, 2014, Risk Communication: A Review and a Peek Ahead, Hazard Reduction and Recovery Center's, 25th Anniversary Symposium, 5 April 2014.
36. **Rogers George O.**, and **E. Bardenhagen**, 2014, Valuing Ecological Resources Through Stakeholder Participation, University of Oregon, 5 March, 2014.
37. **Rogers, George Oliver**, Georgianne W. Moore, Jesse Saginor, and, Samuel D. Brody, 2014, Impact of Lake-Level Reductions on Lake Conroe Area, April Sound Men's Club, 20 February 2014.
38. **Rogers George O.**, and **E. Bardenhagen**, 2014, Valuing Ecological Resources Through Stakeholder Participation, University of California at Irvine, 16 January 2014. *Sohn, W., **Newman, G.**, & Kim, J.H. (March, 2014). *A BLUEprint for Stormwater Infrastructure Design: Implementation and Efficacy of LID*. Council of Educators in Landscape Architecture Conference – Baltimore, MD
39. **Rosenheim, N.** 2014. *Shopping Away from Home: Examining Out-of-neighborhood Redemption of SNAP Dollars Using Commute Data*. The Association of Collegiate Schools of Planning Annual Conference, Philadelphia, PA. October 30-November 2.
40. **Rosenheim, N.** 2014. *Complexity theory concepts: an open-ended discussion of their insights and meanings for urban theory*. Urban Affairs Association Annual Conference, San Antonio, TX. March 20-22.
41. **Rosenheim, N.** 2014. *Beyond the Home: Using Synthetic Microdata to Expand Activity Space to Include Place of Employment*. The Association of Collegiate Schools of Planning Annual Conference, Philadelphia, PA. October 30-November 2.
42. *Sohn, W., Kim, J.H., **Bardenhagen, E.**, **Newman, G.**, Zhang, Y., Wang, Y. Li, Z., & Baumgarten, M (Mar. 2014). *Systems-oriented design approach for creating a walkable and sustainable community*. Council of Educators in Landscape Architecture Conference – Baltimore, MD
43. **Van Zandt, S. (presenter), W.G. Peacock;** W. Highfield, S. Hamideh*. 2014. Obstacles to Housing Recovery for Socially Vulnerable Populations. Urban Affairs National Conference, March 20, 2014, San Antonio, TX.
44. *Watson, Maria and **Yu Xiao**. 2014. "Post-Hurricane Business Recovery Financing" Poster Presented at the APA Conference, April 26-30, Atlanta, Georgia.
45. Won, Jae Woong* (presenter), C. Lee, and **S. Van Zandt**. A Critical analysis of methods for assessing spillover effects of foreclosure on nearby property values. Association of Collegiate Schools of Planning National Conference. Philadelphia, PA, October 30-November 2, 2014.

46. Woo, Ayoung (presenter)*, **S. Van Zandt**, and K. Joh. The Role of Planners in Severing the Vicious Circle of Residential Segregation and Inequality of Opportunity, Urban Affairs National Conference, March 20, 2014, San Antonio, TX.
47. *Wu, H.C., Lindell, M.K. & Prater, C.S. (2013). *Process tracing analysis of hurricane information displays*. International Research Committee on Disasters Researchers Meeting.
48. Wu, H.C., **Lindell, M.K.** & Prater, C.S. (2014). *Perceptions of hurricane information and protective action decisions*. International Research Committee on Disasters Researchers Meeting.
49. **Xiao, Yu**, Saheum Hong, and **Walter Gillis Peacock**, 2014, “Understanding the intercorrelation of business socioeconomic vulnerability, disaster readiness, and recovery”, *Proceedings of the 3rd International Conference on Urban Disaster Reduction*, Earthquake Engineering Research Institute, Boulder, CO, USA.
50. **Xiao, Yu**, Divya Chandrasekar, Donovan Finn, 2014, “Comparing recovery of households and businesses in post-Hurricane Sandy New York”, Presented at the 54th Association of Collegiate Schools of Planning (ACSP) Annual Conference, October 30-November 2, Philadelphia, Pennsylvania
51. **Xiao, Yu**, Saheum Hong*, and **Walter Gillis Peacock**, 2014, “Understanding the intercorrelation of business socioeconomic vulnerability, disaster readiness, and recovery”, Presented at the 3rd International Conference on Urban Disaster Reduction, Sept 28-Oct 1, Boulder, Colorado.
52. **Xiao, Yu** and Tao Zhou. 2014. “Financing Urban Development through Urban Infrastructure Planning in Western China: Government Behavior and the Effects on Urban Spatial Form” Presented at the Association of American Geographers (AAG) annual meeting, April 8-12, Tampa, Florida.

2013 (n=36)

1. **Bardenhagen, E.**, Lee, C., Kim, J-H. (2013) Using Willingness-to-Pay to Measure Perceived Economic Values of Activity-Friendly Environments. Council of Educators in Landscape Architecture, Austin, TX.
2. **Cooper, J.T.**, Andrews, K., & Masterson, J.H. (2013, October). University Community Partnerships. Presented at the annual conference of the Texas Chapter of the American Planning Association, Galveston, TX.
3. Hamideh, S., **W.G. Peacock** and **S. Van Zandt**. 2013. Housing Recovery Trajectories after Hurricane Ike. Poster presentation to 38th Annual Natural Hazards Research and Application Workshop, July 13-16, Omni Interlocken Resort, Broomfield, Colorado.
4. Huang, C.Y., **W.G. Peacock**, **Y. Xiao**, and W. Highfield. 2013. Tracking Worker’s Home and Job Location Change Before and After Hurricane Ike using OTM-LEHD Data. Poster presentation to 38th Annual Natural Hazards Research and Application Workshop, July 13-16, Omni Interlocken Resort, Broomfield, Colorado.
5. *Huang, S-K., Ge, Y., **Lindell, M.K.**, Prater, C.S. & *Wu, H-C. (2013). Households’ hurricane evacuation expectations in Rio Grande Valley. Natural Hazards Research and Applications Workshop.

6. *Huang, S-K., Prater, C.S. & **Lindell, M.K.** (2013). What affects households' hurricane evacuation decisions? A review of 20 years of hurricane evacuation studies. International Research Committee on Disasters Researchers Meeting.
7. *Kim, B. and **Newman, G.** (Jan., 2013). Analyzing Urban Growth Patterns in Dallas/Ft. Worth MPA. Lightning Talk: ESRI Geodesign Summit – Redlands, CA
8. *Kim, B. and **Newman, G.** (Apr. 2013). Analyzing Urban Growth Patterns in Dallas Ft. Worth MPA. 43rd Annual Urban Affairs Association Conference – San Francisco, CA
9. *Lee, J., Dvorak, B., Shi, A., Li, P., Liu, X., Zhong, S., & **Newman, G.** (Mar. 2013) Sustainable Master Planning with Metrics: Review of a Mixed-use Student Housing Development at Texas A&M University. Council of Educators in Landscape Architecture Conference – Austin, TX
10. Maghelal, P., **W.G. Peacock**, and X. Li. 2013. Evacuating Together or Separately: Factors Influencing Split Evacuation Prior to Hurricane Rita. International Research Committee on Disasters Researchers Meeting, Broomfield, Colorado, July 17 th , 2013.
11. *Lin, C-C., Siebeneck, **L.K.**, **Lindell, M.K.**, Prater, C.S., *Wu, H-C. & *Huang, S-K. (2013). Do we communicate reentry information effectively? Natural Hazards Research and Applications Workshop.
12. Lee, Jee Young; **Bame S.** (2013). Patterns of Unmet Housing Needs by Types during Hurricanes Katrina and Rita: Differences over Time and Location in Texas, Fall 2005. (Presented at 2013 Natural Hazards Workshop, Broomfield, Colorado: 7/13/13 – 7/16/13).
13. **Lindell, M.K.**, Prater, C.S., Gregg, C.E., *Apatu, E.J.I., *Huang, S-K. & *Wu, H-C. (2013). Households' immediate responses to the 2009 American Samoa earthquake and tsunami. Natural Hazards Research and Applications Workshop.
14. **Masterson, J.H.** (2013, January). Growing Vulnerable- Development in the 100 year Floodplain. Poster presented at the National Conference on Science, Policy, and the Environment- Disasters and Environment: Science, Preparedness, and Resilience, Washington, D.C.
15. **Masterson, J.H.** (2013, October). Measuring Resilience at Multiple Scales. Poster presented at the annual conference of the Texas Chapter of the American Planning Association, Galveston, TX.
16. **Masterson, J.H.** (2013, October). *Measuring Resilience at Multiple Scales*. Poster presented at the annual conference of the Texas Chapter of the American Planning Association, Galveston, TX.
17. **Masterson, J.H.** (2013, January). *Growing Vulnerable- Development in the 100 year Floodplain*. Poster presented at the National Conference on Science, Policy, and the Environment- Disasters and Environment: Science, Preparedness, and Resilience, Washington, D.C.
18. **Meyer, Michelle** and Jeni Cross. “‘The Right Thing to Do’: Coupling and Decoupling the Environment in Green School Framing.” Society for the Study of Social Problems Annual Meeting, New York City.
19. **Meyer, Michelle.** “The Practice of Disaster Social Capital among Community Organizations: Comparisons and Contrasts between two Florida Counties.” International Research Committee on Disasters Researchers Meeting, Denver, CO.

20. **Meyer, Michelle.** “Social Capital and Collective Efficacy: Developing Disaster-specific Measures.” International Research Committee on Disasters Researchers Meeting, Denver, CO.
21. **Newman, G.** (Jan., 2013). Non-Productive Space: Distribution and Potential**. Lightning Talk: ESRI Geodesign Summit – Redlands, CA
**This talk received the 2013 Lighting Talk Award
22. **Newman, G.,** Kim, J.H. (Mar. 2013). Digital Media in Landscape Architecture and Planning: Synchronizing Professional Demand and Direction with Technology Curriculum. Council of Educators in Landscape Architecture Conference – Austin, TX
23. **Newman, G.** (Nov., 2013). Urban Shrapnel: Spatial Distribution of Non-Productive Space in Expanding Cities. Oral Presentation: Shrinking Cities |Expanding Landscapes Conference, Edinburgh School of Architecture and Landscape Architecture (ESALA), University of Edinburgh – Scotland**
Rosenheim, N. Complexity Theory Concepts for Urban Planners. Planning Theory and History. Texas A&M University. October 24.
24. **Rosenheim, N.** Increasing Communication with Technology. Teaching with Technology Conference, Texas A&M University. February 27-28.
25. *Slater, J, *McCreary, M, & **Newman, G.** (Mar. 2013). The Productive Value of Non-Productive Space. Council of Educators in Landscape Architecture Conference – Austin, TX
26. **Van Zandt, S.** (presenter), **W.G. Peacock,** D. Henry, H. Grover. 2013. Mapping Social Vulnerability to Enhance Housing and Neighborhood Resilience. Resilience & Rebuilding for Low-Income Communities: Research to Inform Policy and Practice. Federal Reserve System Community Development Research Conference, Washington, DC. April 11-12, 2013.
27. **Van Zandt, S.** (presenter), **W.G. Peacock,** and L.F. Schwarz. 2013. Preparing for Change: Building Resilient Communities. American Planning Association National Conference, Chicago, IL. April 14, 2013.
28. **Van Zandt, S.** (presenter), Y. Zhang, W. Highfield, and **W.G. Peacock.** 2013. Long-term Inequities in Housing Recovery. International Research Committee on Disasters, Boulder CO, July 14, 2013.
29. **Van Zandt, S.,** Y. Zang, W. Highfield, and **W.G. Peacock.** 2013. Inequalities in Long Term Housing Recovery After Disasters. International Research Committee on Disasters Researchers Meeting. Broomfield, Colorado, July 17 th , 2013.
30. *Wei, **H-L., Lindell,** M.K. & Prater, C.S. (2013). “Certain death” from storm surge: A comparative study of Hurricanes Rita and Ike. Natural Hazards Research and Applications Workshop.
31. **Woodruff, Sierra C.** 2013. Climate Adaptation: Why, what, how? Extreme Weather Preparedness at the Regional Level, Piedmont Triad Regional Plan for sustainable development workshop, Winston Salem, NC. Presentation.
32. *Wu, H.C., **Lindell, M.K.** & Prater, C.S. (2013). Process tracing analysis of hurricane information displays. International Research Committee on Disasters Researchers Meeting.

33. **Xiao, Yu and W.G. Peacock.** 2013. Do Hazard Mitigation and Preparedness Reduce Physical Damage to Businesses in Disasters: The Critical Role of Business Disaster Planning. International Research Committee on Disasters Researchers Meeting. Broomfield, Colorado, July 17th , 2013.
34. **Xiao, Yu and Walter Gillis Peacock.** 2013. “Hazard Mitigation, Preparedness, and Physical Damage to Businesses in Disasters” Presented at the APA Texas Chapter Conference, October 2-5, Galveston, Texas.
35. **Xiao, Yu.** 2013. “Business Continuity Planning Against Natural Disasters: What Works and What Doesn’t?” Presented at the 7th International Association for China Planning (IACP) annual conference, June 29-July 1, Shanghai, China.

Invited Presentations and Panel Participation

2017 (n=24)

1. **Berke, P.** 2017. Resilience and Climate Change Cooperative Project, March, Dept. of City & Regional Planning, University of North Carolina, Chapel Hill, NC
2. **Berke, P.** 2017. The Next Generation of Sustainability Planning, February, Dept. of City & Regional Planning, University of Pennsylvania, Philadelphia
3. **Berke, P.** 2017. Resilience and Climate Change Cooperative Project, March, College of Architecture, University of Texas, Austin
4. **Berke, P.** 2017. The Past and Future of Sustainability Planning and Design in an Uncertain Era, March, Taubman College of Architecture and Urban Planning, University of Michigan, Ann Arbor
5. **Berke, P.** 2017. Update A Cross-Cultural Comparative Evaluation of Community Resilience Plans, June, Planning for Flood Resilience Seminar, College of Architecture and Built Environment, Delft Technological University, Netherlands
6. **Berke, P.** 2017. Coastal Land Use Planning and Risk Management, July, National Academy of Sciences Coastal Zone Dynamics Workshop, Houston
7. **Berke, P.** 2017. A Guidebook + A Scorecard = An Integrative Framework for Community Resilience, Natural Hazards Workshop, July, Broomfield, Colorado
8. **Berke, P.** 2017. Insurance Incentives and Coastal Land Use Planning, August, Environmental Defense Fund, Washington, DC
9. **Berke, P.** 2017. A Reset for U.S. Natural Hazards Policy: What might it look like? How might it be accomplished? American Assoc. for the Advancement of Science, Nov. 15, Washington, DC.
10. **Berke, P.** 2017. Recasting Land Use Policy for U.S. Natural Hazard Mitigation, Presentation to Congressional Staff, Capitol Hill, Nov. 16, Washington, D.C.
11. **Lindell, M.K.** (2017). Social and behavioral science research perspectives. Committee on Advancing Social and Behavioral Science Research and Application Within the Weather Enterprise.
12. **Masterson, J.H.** (2017, July). *A Guidebook + A Scorecard = An Integrative Framework for Community Resilience*. Panel format presented at the Natural Hazards Workshop, Broomfield, CO.

13. **Masterson, J.H. & Cooper, J. T.** (2017, April). *Integrating Community plans to Reduce Losses: A Tool*. Presentation presented at the National Hurricane Conference, New Orleans, LA.
14. **Newman, G.** (May. 2017) ‘*Repurposing Urban Vacancies: Cases from Shrinking and Growing Cities.*’ Pusan National University of Korea, Landscape Architecture Program
15. **Newman, G.** (March. 2017) ‘*How Research Informs Resilient Design.*’ University of Maryland Dept. of Plant Science and Landscape Architecture
16. **Newman, G.** (Feb. 2017) ‘*Climate Change Armor.*’ Institute for Sustainable Communities, Texas A&M University
17. **Peacock, W.G.** 2017. Member, National Advisory Committee on Windstorm Impact Reduction (<https://www.nist.gov/el/materials-and-structural-systems-division-73100/national-windstorm-impact-reduction-program-1>). This committee, established by Congressional Mandate and organized by the National Institute for Standards and Technology, was organized to review the National Windstorm Impact Reduction Plan (NWIRP).
18. **Peacock, W.G.** 2017. Steering Committee member and invited participant: NSF, Division of Civil, Mechanical and Manufacturing Innovation (CMMI), workshop on Building a CMMI Data Infrastructure Community. Peter Voorhees and Steve French, PIs on this workshop. **Van Zandt, S.** Panelist, After the Storm: Building Equitable and Resilient Communities, Opportunity Forum, UT Austin School of Law, October 7, 2017.
19. **Rosenheim, Nathanael;** Guidotti, Roberto; Gardoni, Paolo. 2017. *Integration of Detailed Household Characteristics Data with Critical Infrastructure and Its Implementation to Post-Hazard Resilience Modeling*. International Workshop on Modeling of Physical, Economic, and Social Systems for Resilience Assessment. -- Ispra, Italy. December 13-15.
20. Mitrani-Reiser, Judy; **Rosenheim, Nathanael;** Hendricks, Marccus; Kartez, Jack; Woloszyn, Molly. *In Need of Repair: Aging Infrastructure, Growing Demand*. Natural Hazards Research and Applications Workshop. -- Broomfield, CO. July 9-12.
21. **Van Zandt, S.** Panelist, Natural Hazards Center Annual Workshop, Boulder CO, July 10-18, 2017.
22. **Van Zandt, S.** Panelist, Community Planning Assistance Team: Belize, American Planning Association National Conference, New York, NY, April 5-8, 2017
23. Watson, Maria* and **Yu Xiao.** 2017. “Systematic Review Results: Individual Business Impacts and Recovery.” Poster Presented at the National Institute of Standards and Technology Center of Excellence Semi-Annual Meeting, Fort Collins, Colorado, April 27-28, 2017.
24. **Xiao, Yu,** 2017, “Hazard Mitigation: Harmonize the Human, Natural, and Built Environments”, China National Land Resource News, September 16.

2016 (n=18)

1. **Berke, P.** 2016. Institutionalizing Resilience Planning, December, Rockefeller Foundation 100 Resilient Cities Workshop, Urban Institute, Washington, DC
2. **Berke, P.** 2016. Reducing Vulnerability to Hazards and Climate Change: A Cross-Cultural Comparative Evaluation of Community Resilience Plans, Delft Technological University, February 2016, Delft, Netherlands

3. **Berke, P.** 2016. The Resilience and Climate Change Cooperative Project, Finding Justice in the Low-Carbon Transition Symposium, April 2016, University of Kansas, Lawrence, Kansas
4. **Berke, P.** 2016. Evaluation of Networks of Plans and Vulnerability to Hazards and Climate Change. College of Architecture Speaker Series, April 2016, University of Kansas, Lawrence, Kansas.
5. **Berke, P.** 2016. Sustaining Places: Best Practices for Comprehensive Plan Standards, Webinar for the Webinar for the Comprehensive Plan Standards Working Group, April 2016, American Planning Association, Chicago.
6. **Berke, P.** 2016 Comprehensive Plan Standards Working Group, April 2016, American Planning Association, Chicago.
7. **Berke, P.** 2016. Resilience and Climate Change Cooperative Project, October 2016, University Lecture, Cornell University, Ithaca, NY
8. **Lindell, M.K.** (2016). *21st Century issues in emergency management*. Taiwan Central Police University.
9. **Lindell, M.K.** (2016). *A career in emergency management*. University of Taipei.
10. Miles, Scott, Liesel Ritchie, Chris D. Poland, **Yu Xiao** and Nick Hedley, 2016 “*EERI Resilience Observatory Case Study Report: Use of Data for Measuring and Monitoring Recovery following the Canterbury Earthquake Sequence*”, Earthquake Engineering Research Institute.
11. **Newman, G.** (Feb. 2016) ‘*Neighborhood Detox: From Vacant Land to Green Infrastructure*.’ Institute for Sustainable Communities, Texas A&M University
12. **Newman, G.** (Apr. 2016) ‘A Current Inventory of Vacant Land in Urban America.’ Clemson University
13. **Peacock, Walter; Van Zandt, Shannon; Rosenheim, Nathanael.** 2016. *An integration of social vulnerability data and mapping tools for community vulnerability assessments and recovery modeling*. International Workshop on Modeling of Physical, Economic, and Social Systems for Resilience Assessment. -- Reston, VA. October 19-21.
14. **Peacock, W.G.** 2016. Invited participant and speaker, plenary session entitled: What’s New? Insights from U.S. Hazard Research Centers, at the 2016 Natural Hazards Workshop, Broomfield Colorado. Talk entitled: The Hazard Reduction and Recovery Center: Some Recent Research Findings and their implications for Practice.
15. Tai, T., Lee, J.Y., & **Bame, S.** (2016). *Community Unmet Basic Needs during Texas Floods: Spatial Analysis of Disaster-related 2-1-1 Calls for Housing, Utilities, Food, and Medical Care, Spring 2015*. Presented at American Public Health Association 2016 Annual Meeting and Expo, Denver, CO, October 29–November 2.
16. Tai Teresa, Lee JY, **Bame SI.** (2016) *Community Unmet Basic Needs during Texas Floods, May-June 2015: A Study of 2-1-1 Disaster-Related Calls for Housing, Utilities, Food, and Medical Care*. (Presentation at Academy for Health Services Policy & Research, Boston, MA: June 26-28, 2016).
17. **Xiao, Yu.** 2016. Panel Discussion on Smart Cities, Resilient Cities, and Sustainable Cities, 10th Annual IACP Conference, Beijing, China (June 30 to July 3).

18. **Xiao, Yu.** 2016. "Understanding post-disaster community recovery: the linkage between households and businesses." Presented at the Business School Department of Property Seminar, University of Auckland, New Zealand (August 1)

2015 (n=13)

1. **Bardenhagen, E.** Lecture - Garden Club of America (Sept. 2015). "*Introduction to Urban Design.*" Texas Master Gardener Course III, Landscape Design. Annual professional course on Landscape Design, George Bush Library and Conference Center, College Station, TX
2. **Bardenhagen, E.** Panel Discussion Organizer and Moderator – Emerging Approaches in Community Design: Integrating People and Place through Research and Practice. April 2015, College of Architecture, Texas A&M University.
3. **Bardenhagen, E.,** (October 2015) "Applying the Senior's Outdoor Survey (SOS) in practice: An observational tool for assessing outdoor environments at residential care facilities for aging". Natural, Built, Virtual Annual College of Architecture Symposium. Texas A&M University.
4. **Berke, P.** 2015. A National Evaluation of the Pre-disaster Recovery Plans. American Planning Association, April 2015, Seattle, WA
5. **Berke, P.** 2015. Creative Adaptive Planning in the Age of Climate Change, Natural Hazards Workshop, July 2015, Broomfield, Colorado
6. **Berke, P.** 2015. Evaluation of Networks of Plans and Vulnerability to Hazards and Climate Change: A National Resilience Scorecard, Natural Hazards Workshop, July 2015, Broomfield, Colorado
7. **Berke, P.** 2015. Tracking Plan Integration for Reducing Physical and Social Vulnerability: A Resiliency Scorecard, Office of Science and Technology, Department of Homeland Security, August 2015, Washington, D.C.
8. **Lindell, M.K.,** *Wu, H.C., Prater, C.S., *Huang, S-K., House, D.H. & Samuelson, C.D.. (2015). *Visualizing uncertainty about environmental hazards.* U.S. - New Zealand Joint Committee Meeting on Science and Technology Cooperation: Science and Risk Communications Joint Workshop.
9. **Masterson, J.H.** (2015, October). *Women in Project Management.* Panelist at the monthly meeting of the Brazos Valley Project Managers Group, College Station, TX.
10. **Newman, G.,** Perkl, R., Smith A. & Li, W. (Mar. 2015). *Applications of GeoDesign.* Manhattan, Kansas: Council of Educators in Landscape Architecture (CELA) Conference
11. Strange S, **Bame SI,** Saltzberg E, Clement K, Legatt M. (2015) *Panel Presentations: Can the Texas Energy System withstand a disaster this summer?* Energy Thought Summit (ETS15). (Mar 26, 2015; Austin TX).
12. **Van Zandt, S.** 2015. In Harm's Way: Mapping and Measuring Social Vulnerability. Cascadia Hazards Institute, Central Washington University, Ellensburg, WA, April 20, 2015.
13. **Van Zandt, S.** Panelist/Presenter. Planning Research Centers. American Planning Association National Conference, Seattle WA, April 18-22, 2015.

2014 (n=25)

1. **Berke, P.** 2014. Planning for Uncertainty in the Age of Climate Change, Webinar: National Disaster Resilience, November 14, 2014, American Planning Association, Seattle, WA
2. **Berke, P.** 2014. Federal Mitigation Policy in the U.S.: Mitigation Plans, Expenditures, Civic Engagement, and Local Capacity, P. Berke, January 16, 2014, Federal Emergency Management Agency, Washington, D.C.
3. **Berke, P.** 2014. An Interactive Website for Hazard Mitigation Planning, Technology Innovation Showcase, P. Berke, February 11, 2014, Dept. of Homeland Security, Washington, D.C.
4. **Berke, P.** 2014. Urban Environmental Planning and Resilient Cities in the Age of Climate Change, June 21-22, 2014, International Association for China Planning, Guangzhou, China.
5. **Berke, P.** 2014. Reducing Coastal Risk on the East and Gulf Coasts, Webinar: Committee on Water Resources Science, Engineering, and Planning, September 2014, National Academy of Sciences.
6. **Berke, P.** 2014. Big Idea Plenary, Planning and Climate Change, October 30, 2014, Association of the Collegiate Schools of Planning, Philadelphia, PA.
7. **Lindell, M.K.** (2014). Communicating Hurricane Risks To Local Officials For Protective Action Decision Making. *Workshop of the COST Action IS1304: Expert Judgment Network: Bridging the Gap Between Scientific Uncertainty and Evidence-Based Decision Making*, held in Rome Italy.
8. **Lindell, M.K.** (2014). The Dynamics of Communicating and Acting on Natural Hazards: The Past and Future Evolution of Risk Communication Models. *International Symposium on Risk Communication*, held in Tokyo Japan.
9. **Lindell, M.K.** (2014). *The Protective Action Decision Model: Theoretical, methodological, and practical issues.* (E.L. Quarantelli Award for Contribution to Disaster Theory. International Research Committee on Disasters Researchers Meeting.
10. **Lindell, M.K.** (2014). *Altruistic behavior in disasters.* American Academy of Chest Physicians.
11. **Lindell, M.K.** (2014). *The Protective Action Decision Model: Recent research on disaster response.* (Arnold M. Small Safety Lecture). Human Factors and Ergonomics Society.
12. **Lindell, M.K.** (2014). *Evolving view on response communication.* University of Kentucky Workshop on Disaster Communication: Redesigned.
13. **Masterson, J.H.** (2014, April). *Pecha Kucha: Gonzales, TX.* Presented at the annual conference hosted by the Sustainable Communities Year Program (SCYP), Eugene, OR.
14. **Masterson, J.H.** (2014, April). *Developing Partnerships.* Panelist at the annual conference hosted by the Sustainable Communities Year Program (SCYP), Eugene, OR.
15. **Masterson, J.H.** (2014, April). *Design in Disasters.* Paper presented at the Planning for Disaster Resilience Symposium hosted by the Hazard Reduction & Recovery Center at Texas A&M University, College Station, TX.
16. **Meyer, Michelle.** 2014. "Long-Term Disaster Recovery." Texas Rural Challenge, Waco, TX.
17. **Meyer, Michelle, Jaimie Masterson.** 2014. "Long-Term Disaster Recovery." Annual Meeting of Regional Councils, Austin TX.

19. **Newman, G. & Bardenhagen, E.** (Feb. 2014) ‘*Optimizing Resilience: Optimization and Application of Surge Protection Infrastructure.*’ Texas A&M University-Galveston
20. **Peacock, W.G.** Convener and presenter at the Hazard Reduction and Recovery Center’s 25th Anniversary Workshop. Talk: Understanding Vulnerability to Hazards. Texas A&M University, College Station, Texas, April 2014.
21. **Peacock, W.G.** Invited participant and speaker, Disaster Research Center’s 50th Anniversary Workshop and Celebration Talk: Recovery: Can we get there from here? Presentation at the, University of Delaware, May, 2014.
22. Fossett, Mark; Poston, Dudley; *Fox, Amber; **Rosenheim, Nathanael.** *Research using Restricted Data in Census Research Data Centers.* Applied Demography Conference, San Antonio, TX. January 8-10
23. **Van Zandt, S.** 2014. In Harm’s Way: Mapping and Measuring Social Vulnerability. Visiting Scholar Series, College of William & Mary Thomas Jefferson Program in Public Policy and the Virginia Institute of Marine Sciences, Williamsburg, VA, January 30 and February 1, 2014.
24. **Van Zandt, S.** Panelist. Housing, Transportation, and Education Nexus. Sponsored by the Center for Cities & Schools, ReConnecting America, the Enterprise Foundation, and the National Housing Conference. Denver, CO, February 12, 2014.
25. Wade, H., Ransom, K., & **Masterson, J.H.** (2014, May). *Coastal Vulnerabilities in the Coastal Bend: Realities and Solutions.* Presented at the annual Coastal Bend Hurricane Conference, Robstown, TX.

2013 (n=19)

1. **Berk, P.**, A National Assessment of State and Local Hazard Mitigation Planning, Institute of Behavioral Sciences, July 2013, Natural Hazards Workshop, University of Colorado, Boulder, Colorado.
2. **Berk, P.**, Climate Adaptation and Planning in the Age of Uncertainty, Webinar: Climate Change Panel, June 2013, US Forest Service.
3. **Berk, P.**, Global Sustainability Symposium: Water and Energy in the Crosshairs, Panel Discussion: Learning from Germany’s Renewable Energy Policy, P. Berke, February 8, 2013, Kenan Flagler School of Business, UNC-Chapel Hill
4. **Lindell, M.K.**, Prater, C.S., *Huang, S-K., *Wu, HC., Gregg, C.E. & *Apatu, E. (2013). Households’ immediate responses to the 2009 Samoa earthquake and tsunami. University of Hawaii Manoa Department of Landscape Architecture and Urban Planning.
5. Mueller, E.J., and **S. Van Zandt.** 2013. Beyond Accidents of Geography: Using housing policy to improve access to quality education. Lincoln Institute of Land Policy Annual Conference, June 5, 2013, Cambridge, Massachusetts.
6. **Newman, G. & Bardenhagen, E.** (Dec. 2013) ‘Integral Resiliency: Merging Community, Landscape, and Surge Protection Infrastructure.’ Texas A&M University - Galveston
7. **Newman G.** Garden Club of America (Sept. 2013). “Introduction to Urban Design.” Annual professional course on Landscape Design. College Station, TX
8. **S. Van Zandt.** 2013. Mapping Social Vulnerability. Inter-American Development Bank, Washington, DC, December 2, 2013
9. **S. Van Zandt.** 2013. Poor and Minority Impacts from Hurricane Ike. Texas Association of

- Community Development Corporations, Annual Policy Summit, Austin, TX, September 24, 2013.
10. **S. Van Zandt**. 2013. Poor and Minority Impacts from Hurricane Ike. 3rd International Conference on Urban Disaster Reduction (3ICUDR) workshop (emerging researchers session), Boulder CO, July 11, 2013.
 11. **Van Zandt, S.** (presenter). Incorporating Disasters into the Planning Curriculum. Association of Collegiate Schools of Planning Administrator's Conference. Columbus, OH, November 14-15, 2013.
 12. **Peacock, W.G.**, GIS Day, Texas A&M University. Talk: GIS, Hazards and Social Vulnerability. Presentation to GIS Day, Texas A&M University, College Station, Texas, November 21, 2013.
 13. **Peacock, W.G.**, Association of Collegiate Schools of Planning Administrator's Conference. Presentation: Disaster Research Centers in Planning Programs: The Hazards Reduction and Recovery Center. The Ohio State University, Columbus, Ohio; November 2013.
 14. Wu, H-C., **Lindell, M.K.**, Prater, C.S., Huang, S-K., House, D. & Cox, J. (2013). Assessing patterns of information search in a hurricane tracking task using DynaSearch. National Hurricane Conference.
 15. **Xiao, Yu**. 2013. "Assessing Impact of Hurricanes on Business Establishments." Presented at Texas Census Research Data Center, College Station, Texas (March 7).
 16. **Xiao, Yu**. 2013. "Urban Planning and Urban Development in the United States." Presented at Training on Urban & Rural Planning and Construction, Banan Municipal Government, Chongqing, China (May 28)
 17. **Xiao, Yu**. 2013. "Integrated Community Recovery after Natural Disasters." Presented at Chongqing University, Chongqing, China (May 29)
 18. **Xiao, Yu**. 2013. Panel Discussion on "Emergency Management in China." 38th Annual Natural Hazards Research and Applications Workshop, Broomfield, Colorado (July 13 to July 1)
 19. **Xiao, Yu**. 2013. Panel Discussion on "Disaster Recovery" Texas APA Conference 2013, Galveston, Texas (October 2 to October 5)

Technical Reports/White Papers/Public Writings

2017 (n=12)

1. **Bardenhagen, E.**, Teal, M. (\$3,000). Spring 2017. *Schob Preserve Boardwalk*, College Station, TX.
2. **Bardenhagen, E.** (\$25,640) Summer 2017. Weinel Family Foundation – Programming, Site Suitability and Concepts for Mt. Sharon. Custer, SD.
3. **Bardenhagen, E.** Proposal to develop site and recreational programming, site selection and initial concepts for Mt. Sharon monument near Custer SD. This project aims to create a carved mountain sculpture and American history recreation site as a regional to national tourist amenity and an American historical monument.
4. **Bardenhagen, E.**, Karmarkar, K., Masterson, J. (\$11,400) Summer and Fall 2017. Wayfinding and Signage Master Plan, La Grange, TX.

5. **Bardenhagen, Eric.** National Wildfire Coordinating Group, United States Department of the Interior (2017). *Resource Advisor's Guide*. National Wildfire Coordinating Group Publication Management System #313. pp. 137. National release of full guide August 2017
6. **Bierling, D.**, Trueblood, A., Shipp, E., Dai, B., Martin, M., Tsapakis, I., Geedipally, S., and Sharma, S. (2017). *Integrating Datasets to Enhance Commercial Motor Vehicle Safety Analysis: At-Fault CMV Crash Severity in 20 Texas Counties—Analysis, Results, and Recommendations*. Prepared for the U.S. Department of Transportation, Federal Motor Carrier Safety Administration. Texas A&M Transportation Institute, College Station, Texas.
7. **Lindell, M.K.** (2017). Smart recovery: Mapping, mitigation, and the long rebuilding process. *Research Counts* <<https://hazards.colorado.edu/news/research>>
8. **Lindell, M.K.**, Sorensen, J.H. & Baker, E.J. (2017). *Community Response to Hurricane Threat: Estimates of Temporal Distributions of Warning Issuance, Warning Diffusion, and Household Mobilization* (Draft). Davis CA: US Army Corps of Engineers Risk Management Center.
9. **Lindell, M.K.** & Sorensen, J.H. (2017). *Community Response to Hurricane Threat: Adjusting Defaults and Addressing Uncertainties in Warning Issuance, Warning Diffusion, Household Mobilization, and Household Departure Distributions* (Draft). Davis CA: US Army Corps of Engineers Risk Management Center.
10. **Xiao, Yu**, 2017, "Using Urban Planning as a Tool for Hazard Mitigation: Learning from a Century of Development in Disaster Management in the United States", *Science & Technology Review*, 35(5): 24-30. (In Chinese).
11. **Peacock, Walter Gillis.** National Advisory Committee on Windstorm Impact Reduction (2017). Assessments of and Recommendations for the National Windstorm Impact Reduction Program and its Implementation. Gaithersburg, MD: National Institute of Standards and Technology. <https://www.nist.gov/file/393561>
12. Rutter, A., **Bierling, D.**, Lee, D., Morgan, C., and Warner, J. (2017). *How will E-commerce Growth Impact our Transportation Network?* Report 17-79F. Policy Research Center, Texas A&M Transportation Institute. College Station, Texas. Available at <https://static.tti.tamu.edu/tti.tamu.edu/documents/PRC-17-79-F.pdf>.

2016 (n=11)

1. **Bardenhagen, E.** Lu, Z., Hamilton, K. (\$25,000). Fall 2016. The Phoenix Center: Creating Therapeutic Environments to Foster Innovative Care for Traumatized Children. Marble Falls, TX. Texas A&M Education First: College of Architecture Interdisciplinary Learning Grant. See <http://one.arch.tamu.edu/news/2016/9/20/designs-therapy-center/> and <http://www.phoenixcentertexas.org/> for more information.
2. **Bardenhagen, E.**, Pan, W. (\$20,000). Fall 2015- Spring 2016. *The Col. James Morgan New Washington Prairie Master Plan*, Morgan's Point, TX Mullins, J. A. III, Steven, R.G., Borchardt, D. W., and Peacock, W.G. (2016). Valley Study Area Hurricane Evacuation Study: Transportation Analysis Report. Texas A&M Transportation Institute, College Station, Texas.
3. **Bierling, D.H.**, Dusane, S.C., and Trefz, B.A. (2016). *Risk Management Plan for Hazardous Materials Transportation in La Porte Texas: Incidents and Consequence Analysis*. Prepared for the La Porte, Morgan's Point, and Shoreacres Local Emergency

- Planning Committee and Texas Division of Emergency Management. Texas A&M Transportation Institute, College Station, Texas.
4. **Bierling, D.H** and Palisch, Z.T. (2016). *Hazardous Materials/Truck Traffic Study: Hebbronville, Texas*. Prepared for the Jim Hogg County Local Emergency Planning Committee and Texas Division of Emergency Management. Texas A&M Transportation Institute, College Station, Texas.
 5. **Bierling, D.**, Palisch, Z.T., and Martin, M.W. (2016). *Hazardous Materials/Truck Traffic Study: Corpus Christi, Texas*. Prepared for the City of Corpus Christi/Nueces County Local Emergency Planning Committee and the Texas Division of Emergency Management. Texas A&M Transportation Institute, College Station, Texas.
 6. **Bierling, D.H.** and Trefz, B.A. (2016). *LEPC Workshop Report on Hazmat Transportation Emergency Preparedness: Jim Hogg County, Texas*. Prepared for the Jim Hogg County Local Emergency Planning Committee and the Texas Division of Emergency Management. Texas A&M Transportation Institute, College Station, Texas.
 7. **Masterson, J.H.** (2016, January). *The Coastal Triple Threat of Natural Hazards* [Web blog post]. Island Press. Retrieved from <https://islandpress.org/blog/coastal-triple-threat-natural-hazards>.
 8. **Newman G.** & Hollander, J. (2016). “*Design for the Undeveloping Landscape.*” CELA/CLASS Fund Project. Institute of Sustainable Coastal Communities, Texas A&M University
 9. **Peacock, W.G., Wunneberger, D.,** Abuabara, A. Park, H., and **Van Zandt, S.** (2016). Valley Study Area Hurricane Evacuation Study: Vulnerability Analysis Report. Hazard Reduction and Recovery Center and Texas A&M Transportation Institute. College Station, Texas.
 10. **Peacock, W.G., Van Zandt, S.,** Olivares, M., **Wunneburger, D.** (2016). Valley Study Area Hurricane Evacuation Study: Evacuation Zone Development Report. Texas A&M Transportation Institute and the Hazard Reduction and Recovery Center. College Station: Texas A&M University.
 11. Trefz, B.A. and **Bierling, D.H.** (2016). *Guide for Using Hazmat Transportation Information: Recommendations and Resources for Local Emergency Planners*. Texas A&M Transportation Institute. College Station, Texas.

2015 (n=12)

1. **Bame, S.** & Lee, J.Y. (2015). *Report of 2-1-1 Data Analysis of Texas Flood Disaster & Community Unmet Needs: May 1–June 30, 2015*. Texas General Land Office, Texas Health & Human Services Commission, Austin, TX: 34 pgs.
2. **Bame, S.** & Lee, J.Y. (2015). *Report of 2-1-1 Data Analysis of Flood Disaster & Community Unmet Needs: Travis County, Texas October 1–December 31, 2013*. Texas General Land Office,, Texas Health & Human Services Commission, Austin, TX: 52 pgs.
3. **Bardenhagen, E.,** Pan, W. (\$10,000). Summer 2015. *Bruni Plaza Renovation Concept Plan*, Laredo TX.
4. **Berke, P.,** Huang, C., Lee, J. & **Newman, G.** (2015). “*Hazard Vulnerability to People and Property in the Sims Bayou Watershed of Houston, Texas.*” Resiliency and Climate

Change Cooperative Project, Institute of Sustainable Coastal Communities, Texas A&M University.

5. **Berke, P.**, J. Horney, and **S. Van Zandt**. 2015. Measuring Success in Recovery. American Planning Association. Available at: <https://www.planning.org/research/postdisaster/briefingpapers/measuringprogress.htm>
6. Dvorak, B, Li, W., **Newman, G.**, Zhao, J. & Zhu, X. (2015). “*Multimodal Transportation Systems and Transit Oriented Development: Concepts for Bryan-College Station, Texas and Texas A&M University.*” San Francisco, CA: Blurb eBook Publishing. URL: <http://www.blurb.com/books/6376515-multimodal-transportation-systems-and-transit-orie>
7. **Bierling, D.H.**, Kruse, C.J., and Trefz, B.A. (2015). *South Texas I-35 HazMat Truck and Shipment Analysis: Devine, Texas*. Texas A&M Transportation Institute for the Texas Division of Emergency Management. College Station, Texas. Available at <http://d2dtl5nnlpr0r.cloudfront.net/tti.tamu.edu/documents/TTI-2015-3.pdf>.
8. **Masterson, J.H.** 2015. Texas Senate. *Disaster Housing Recovery Program*. 84th Legis. Session. SB. 1376. Austin: filed March, 2015.
9. **Masterson, J.H.** 2015. Hazard Reduction & Recovery Center at Texas A&M University, Community Development Corporation of Brownsville, building community WORKSHOP, La Union Del Pueblo Entero, A Resource in Serving Equality, & Texas Low Income Housing Information Services (2015, January). *Rapid Housing Recovery Program, Policy Recommendations and Comparison Report*. Community Development Corporation of Brownsville and building community WORKSHOP: Brownsville, TX.
10. Van de Lindt, J. B.R. Ellingwood, T. McAllister, P Gardoni, D. T. Cox, H. Cutler, and **W.G. Peacock**. (2015) Computational Environment for modeling and enhancing community Resilience: Introducing the Center for Risk Based Community Resilience Planning. Pp. 1154-1163, Proceedings for the International Conference on Performance-based and Life-cycle Structural Engineering. The University of Queensland: School of Civil Engineering. https://espace.library.uq.edu.au/view/UQ:399241/PLSE2015_130_VAN_DE_LINDT_A_New.pdf
11. Prescott, J.H. and **Bierling, D.H.** (2015). *Commercial Transportation of Hazardous Materials – Review of Inspection Outcomes and Improving Transportation Safety: Final Report*. Texas A&M Transportation Institute for the Texas Division of Emergency Management. College Station, Texas.
12. **Van Zandt, S., J.H.Masterson**, and K. Barbour. Policy Recommendations for Disaster Recovery. Prepared for bcWORKSHOP. January 2015.

2014 (n=29)

1. **Bardenhagen, E**, Wang, Y. (\$3,000) Summer 2014. *The College Station “Fun for All Playground” concept development and visualization*. College Station, TX.
2. Bierling, D.H., Kruse, C.J., Voigt, T.P., Vickich, M.J., Tydlacka, J.R., and Skinner, R.C. (2014) *Test & Evaluation of Bluetooth® Technology for Measuring Freight Facility Traffic Flows: Bayport Case Study*. Texas A&M Transportation Institute for the Port of Houston Authority and Texas Department of Transportation. College Station, Texas. Available at <http://d2dtl5nnlpr0r.cloudfront.net/tti.tamu.edu/documents/TTI-2015-4.pdf>.

3. **Bierling, D.** (2014). *Hazardous Materials Commodity Flow Study: Railways in Ellis County, Texas*. Prepared for the Ellis County Local Emergency Planning Committee and Texas Division of Emergency Management.
4. **Bierling, D.** (2014). *Hazardous Materials Commodity Flow Study: Railways in Galveston County, Texas*. Prepared for the Galveston County Local Emergency Planning Committee and Texas Division of Emergency Management.
5. **Bierling, D.** (2014). *Hazardous Materials Commodity Flow Study: Railways in Grimes County, Texas*. Prepared for the Grimes County Local Emergency Planning Committee and Texas Division of Emergency Management.
6. **Bierling, D.**, Martin, M., See, A., Morgan, C., Bujanda, A., and Kelly, N. (2014). *Energy Development Impacts on State Roadways: A Review of DOT Policies, Programs and Practices across Eight States*. Report 14-29F. Policy Research Center, Texas A&M Transportation Institute. College Station, Texas.
Available at <https://static.tti.tamu.edu/tti.tamu.edu/documents/PRC-14-29-F.pdf>.
7. **Bierling, D.**, Trefz, B., Prescott, J., Warner, J., Wu, L., Palisch, Z., Skinner, R., and Mendez, J. (2014). *Hazardous Materials/Truck Traffic Study: Ellis County, Texas*. Prepared for the Ellis County Local Emergency Planning Committee and Texas Division of Emergency Management.
8. **Bierling, D.**, Trefz, B., Wu, L., Prescott, J., Skinner, R., and Mendez, J. (2014). *Hazardous Materials/Truck Traffic Study: Galveston County, Texas*. Prepared for the Galveston County Local Emergency Planning Committee and Texas Division of Emergency Management.
9. **Bierling, D.**, Trefz, B., Wu, L., Prescott, J., Skinner, R., and Mendez, J. (2014). *Hazardous Materials/Truck Traffic Study: Gillespie County, Texas*. Prepared for the Gillespie County Local Emergency Planning Committee and Texas Division of Emergency Management.
10. **Bierling, D.**, Trefz, B., Prescott, J., Warner, J., Wu, L., Skinner, R., Palisch, Z., and Mendez, J. (2014) *Hazardous Materials/Truck Traffic Study: Grimes County, Texas*. Prepared for the Grimes County Local Emergency Planning Committee and Texas Division of Emergency Management.
11. **Bierling, D.**, Trefz, B., Warner, J., Wu, L., Palisch, Z., and Mendez, J. (2014). *Hazardous Materials/Truck Traffic Study: Jasper, Newton, and Sabine Counties, Texas*. Prepared for the Jasper, Newton, and Sabine Counties Local Emergency Planning Committee and Texas Division of Emergency Management.
12. Jonkman, S., van Ledden, M., Lendering, K., Mooyart, L., Merrell, W., Willems, A. – editors & Brody, S., *Atoba, K., Highfield, W., *Blessing, R., Figlus, J., **Newman, G., Bardenhagen, E.**, Ebersole, B., Richardson, T., Sebastian, A., Gilmer, R., & Perdue, A. – contributors (Dec. 5, 2014). “*Game Plan: Framework for Flood Risk Reduction in the Galveston Bay Area*” URL: <http://www.bacpa.org/Assets/delft%20report.pdf>
13. Kruse, C.J., Protopapas, A., **Bierling, D.**, Olson, L.E., Wang, B., and Khodakarami, M. (2014). *Integrating MTS Commerce Data with Multimodal Freight Transportation Performance Measures to Support MTS Maintenance Investment Decision Making*. NCFRP Report 32. Transportation Research Board of the National Academies.

- Washington, D.C. Available at
http://onlinepubs.trb.org/onlinepubs/ncfrp/ncfrp_rpt_032.pdf.
14. **Lindell, M.K.** 2015. *Designing Risk Communication Programs to Promote Adaptive Human Behavior During Earthquakes*. Report for GeoHazards International.
 15. **Masterson, J.H.** (2014, December). *Identifying Your Community's Vulnerability Hotspot* [Web blog post]. Island Press. Retrieved from <https://www.islandpress.org/node/803>.
 16. Mendez, J. and **Bierling, D.** (2014). *Hazardous Materials Commodity Flow Study: Pipelines in Bexar County, Texas*. Prepared for the Bexar County Local Emergency Planning Committee and Texas Division of Emergency Management.
 17. Mendez, J. and **Bierling, D.** (2014). *Hazardous Materials Commodity Flow Study: Pipelines in Ellis County, Texas*. Prepared for the Ellis County Local Emergency Planning Committee and Texas Division of Emergency Management.
 18. Mendez, J. and **Bierling, D.** (2014). *Hazardous Materials Commodity Flow Study: Pipelines in Galveston County, Texas*. Prepared for the Galveston County Local Emergency Planning Committee and Texas Division of Emergency Management.
 19. Mendez, J. and **Bierling, D.** (2014). *Hazardous Materials Commodity Flow Study: Pipelines in Grimes County, Texas*. Prepared for the Grimes County Local Emergency Planning Committee and Texas Division of Emergency Management.
 20. Mendez, J. and **Bierling, D.** (2014). *Hazardous Materials Commodity Flow Study: Pipelines in Jasper, Newton, & Sabine Counties, Texas*. Prepared for the Jasper, Newton, and Sabine Counties Local Emergency Planning Committee and Texas Division of Emergency Management.
 21. **Michelle Meyer, David Bierling, John Cooper, Walter Gillis Peacock, Shannon Van Zandt.** 2014. "*Hood County Disaster Recovery Year 1.*" College Station, TX: Hazard Reduction and Recovery Center.
 22. **Michelle Meyer, David Bierling, John Cooper, Walter Gillis Peacock, Shannon Van Zandt.** 2014. "*West, Texas Disaster Recovery Year 1.*" College Station, TX: Hazard Reduction and Recovery Center.
 23. **Newman, G., Li, W., Zhu, Xuemei & Dvorak, B.** (2014). "*The G.R.I.D.D. Initiative: Growth Recalibration, Interdisciplinarity, Design and Development.*" University Action Education First Initiative Interdisciplinary Project, Texas A&M University.
 24. **Newman, G.** Summer 2018-Fall 2019. *Urban Design for a Depopulating Landscape*. Johnstown, PA. Development of a framework for analyzing and repurposing vacant and abandoned properties in a shrinking city.
 25. **Newman, G.** Summer 2016-Fall 2018. *Enhancing flood infrastructure in a Marginalized Neighborhood*. Sunnyside, TX. An infrastructure based design stagey for building capacity for flood disasters.
 26. **Newman, G.** Summer 2015-Fall 2016. *Urban Design for Community Resiliency*. Manchester, TX. Development of low impact solutions for community growth in a flood-prone environment.
 27. Rodiek, J. and **Newman, G. (\$31,384.⁰⁰)**. Spring 2015-Summer 2015. *Jonestown Comprehensive Plan*. City of Jonestown, TX. Open space planning and green space network development for drought prone communities.
 28. Trefz, B.A., **Bierling, D.H., Lindell, M.K.,** and Kruse, C.J. (2014). *Emergency Operations Plan Review for Hazardous Materials Transport Incidents: Grimes County,*

Texas. Prepared for the Grimes County Local Emergency Planning Committee and Texas Division of Emergency Management.

29. Trefz, B., **Bierling, D.**, and Mendez, J. (2014) *Hazardous Materials/Truck Traffic Study: Bexar County/City of San Antonio, Texas*. Prepared for the Bexar County/City of San Antonio Local Emergency Planning Committee and Texas Division of Emergency Management.

2013 (n=24)

1. **Bame S.** et al. (2013) *Final Report: Analyzing Unmet Community Needs During and After Hurricanes Katrina and Rita Using 2-1-1 Data*. Washington, D.C.: Dept. of Homeland Security-Science & Technology Division: 39 pgs + Appendix 26 pgs.
2. Barbour, J., **Bierling, D.**, Sommer, P., and Trefz, B. (2013). *Stakeholder Analysis for Hazardous Materials Transport Incidents: Fort Bend County, Texas*. Prepared for the Texas Division of Emergency Management and the Fort Bend County Local Emergency Planning Committee. College Station, Texas.
3. **Bierling, D.** and Barbour, J. (2013). *Truck/HazMat Transport Assessment: Fort Bend County, Texas*. Prepared for the Texas Division of Emergency Management and the Fort Bend County Local Emergency Planning Committee.
4. **Bierling, D.**, Jasek, D., Martin, M., and Mendez, J. (2013). *Hazardous Materials/Truck Traffic Study: Central Eagle Ford Shale Region, Texas*. Prepared for the Texas Division of Emergency Management and Local Emergency Planning Committees in the Eagle Ford Shale Region.
September 2013.
5. **Bierling, D.**, Jasek, D., Martin, M., and Mendez, J. (2013). *Hazardous Materials/Truck Traffic Study: Williamson County, Texas*. Prepared for the Texas Division of Emergency Management and the Williamson County Local Emergency Planning Committee.
September 2013.
6. **Bierling, D.H.** and Li, W. (2013). *El Paso Socio – Economic – Health Data Assessment*. Center for International Intelligent Transportation Research, Texas A&M Transportation Institute. College Station, Texas. Available at <http://tti.tamu.edu/enhanced-project/el-paso-socio-economic-Health-data-assessment>.
7. **Bierling, D.H.**, Villa, J.C., Jasek, D.L., Bujanda, A., Varela, E.A., Cowsar, E.L., and Garcia, A.L. (2013). *Cross-Border Hazardous Materials Transportation Study: El Paso, Texas*. Center for International Intelligent Transportation Research, Texas A&M Transportation Institute. College Station, Texas. Available at <http://tti.tamu.edu/publications/catalog/record/?id=41532>.
8. **Bierling, D.**, **Lindell, M.K.**, *Keepers, R. & *Trefz, B. (2013). *Emergency Operations Plan Review for Hazardous Materials Transport Incidents: Interim Report for Parker County, Texas*. Texas A&M Transportation Institute and Texas A&M University.
9. **Bierling, D.**, Martin, M., and Jasek, D. (2013). *Hazardous Materials Commodity Flow Study: Railways in Williamson County, Texas*. Prepared for the Texas Division of

- Emergency Management and the Williamson County Local Emergency Planning Committee.
10. Franco, Guillermo, Alpa Sheth, and **Michelle Meyer**. “*Build Back Better Practices: A Case Study for Sri Lanka (Tsunami 2004)*.” Oakland, CA: Earthquake Engineering Research Institute and the Global Facility for Disaster Reduction and Recovery at the World Bank.
 11. Li, M.H., Li, P., McFalls, J., Storey, B., & **Newman, G.** (2013). “*Developing the Sediment and Erosion Control Laboratory to Become a Hands-on Training and Education Center*.” No.SWUTC/13/161306-1.
URL:<http://d2dtl5nnlpfr0r.cloudfront.net/swutc.tamu.edu/publications/technicalreports/161306-1.pdf>
 12. **Lindell, M.K.**, *Ge, Y., *Huang, S-K., Prater, C.S., *Wu, H-C., & *Wei, H-L. (2013). *Behavioral Study: Valley Hurricane Evacuation Study for Willacy, Cameron, and Hidalgo Counties, Texas*. College Station TX: Texas A&M University Hazard Reduction & Recovery Center. Available at hrrc.arch.tamu.edu/publications/research%20reports/
 13. **Lindell, M.K.** & Brooks, H. (2013). *Research needs for severe weather research: An introduction*. International Journal of Mass Emergencies and Disasters, 31, 335-339.
 14. Mendez, J., **Bierling, D.**, and Jasek, D. (2013). *Hazardous Materials Commodity Flow Study: Pipelines in Atascosa County, Texas*. Prepared for the Texas Division of Emergency Management and Atascosa County Local Emergency Planning Committee.
 15. Mendez, J., **Bierling, D.**, and Jasek, D. (2013). *Hazardous Materials Commodity Flow Study: Pipelines in Bee County, Texas*. Prepared for the Texas Division of Emergency Management and Bee County Local Emergency Planning Committee.
 16. Mendez, J., **Bierling, D.**, and Jasek, D. (2013). *Hazardous Materials Commodity Flow Study: Pipelines in DeWitt County, Texas*. Prepared for the Texas Division of Emergency Management and DeWitt County Local Emergency Planning Committee.
 17. Mendez, J., **Bierling, D.**, and Jasek, D. (2013). *Hazardous Materials Commodity Flow Study: Pipelines in Goliad County, Texas*. Prepared for the Texas Division of Emergency Management and Goliad County Local Emergency Planning Committee.
 18. Mendez, J., **Bierling, D.**, and Jasek, D. (2013). *Hazardous Materials Commodity Flow Study: Pipelines in Gonzales County, Texas*. Prepared for the Texas Division of Emergency Management and Gonzales County Local Emergency Planning Committee.
 19. Mendez, J., **Bierling, D.**, and Jasek, D. (2013). *Hazardous Materials Commodity Flow Study: Pipelines in Karnes County, Texas*. Prepared for the Texas Division of Emergency Management and Karnes County Local Emergency Planning Committee.
 20. Mendez, J., **Bierling, D.**, and Jasek, D. (2013). *Hazardous Materials Commodity Flow Study: Pipelines in Live Oak County, Texas*. Prepared for the Texas Division of Emergency Management and Live Oak County Local Emergency Planning Committee.
 21. Mendez, J., **Bierling, D.**, and Jasek, D. (2013). *Hazardous Materials Commodity Flow Study: Pipelines in Williamson County, Texas*. Prepared for the Texas Division of Emergency Management and Williamson County Local Emergency Planning Committee.
 22. Mendez, J., **Bierling, D.**, and Jasek, D. (2013). *Hazardous Materials Commodity Flow Study: Pipelines in Wilson County, Texas*. Prepared for the Texas Division of Emergency Management and Wilson County Local Emergency Planning Committee.

23. **Newman, G.**, Kim, J.H., and Ren, Y. (2013). “*TAES Annex Building, Water Smart Program.*” Dept. of Landscape Architecture and Urban Planning, Texas A&M University, College Station, TX.
24. **Peacock, W.G., S. Van Zandt**, H. Grover, **D. Wunneburger**, S.D. Brody, **J. Hicks-Masterson**, CY Huang, **F. Ndubisi**, and J. Martin. *Status and Trends of Coastal Vulnerability to Natural Hazards Project Annual Report for Phase 5. 2013.* Report submitted to the Texas General Land Office and the National Oceanic and Atmospheric Administration under GLO Contract No. 11-025-000-4323 and to the Coastal Coordination Council pursuant to National Oceanic and Atmospheric Administration Award No. NA10NOS4190207. College Station, Texas: Hazard Reduction and Recovery Center.

Service Related Activities by HRRC Core Faculty⁴ (n=144)

1. **Bame, S.**, Alliance for Information & Referral Systems: Advisory Committee for Technology Development 2013-14
2. **Bame, S.**, Academy of Health Services Research & Policy: Member 1984-present
3. **Bardenhagen, E.** 2011 – 2016 All-Hazards Resource Advisor Online Training Curriculum
4. **Bardenhagen, E.** National Level Cross-Agency training hosted on the U.S. Department of the Interior’s DOI Learn online training portal.
5. **Berke, P.** Editorial Board, International Review of Civil Engineering, 2011-present
6. **Berke, P.** Editorial Board, Journal Land, 2011-present
7. **Berke, P.** Associate Editor, Journal of the American Planning Association, 2006-present.
8. **Berke, P.** 2017-18: Advisory Committee, Academic Hazards and Disaster Research Centers Coalition, Natural Hazards Center, University Colorado
9. **Berke, P.** 2017-18: Advisory Committee, NSF supported study, Social Science Extreme Events Reconnaissance Platform, Natural Hazards Center, University Colorado
10. **Berke, P.** 2017: External Review Committee, Doctoral Program in Community & Regional Planning, University of Texas-Austin
11. **Berke, P.** 2015-18: Member, Comprehensive Plan Standards Recognition Program Working Group, American Planning Association, Chicago
12. **Berke, P.** 2016-20: Advisory Board of the Urban Institute for Rockefeller Global 100 Resilient Cities Program.
13. **Berke, P.** 2015: Review Panel, Water Science and Technology Panel, National Research Council/National Academy of Sciences, Washington, D.C.
14. **Berke, P.** 2015-17: Member, Best Article Award Committee, Journal of the American Planning Association
15. **Berke, P.** 2015: National Science Foundation Review Panel, Hazards SEES, Washington, D.C.

⁴ Excludes article review for journals. Excludes LAUP departmental service. College, university, discipline, and external public service are included.

16. **Berke, P.** 2014: National Science Foundation Review Panel, Geography and Spatial Sciences Program, Washington, D.C.
17. **Berke, P.** 2013-14, 2014-16: Member, ACSP John Friedman Book Award Committee for Planning Sustainability
18. **Berke, P.** 2013-14: Member, Committee on U.S. Army Corps of Engineers Water Resources Science, Engineering, and Planning: Coastal Risk Reduction, National Research Council/National Academy of Sciences, Washington, D.C.
19. **Berke, P.** 2013-16: Expert Panel on River Diversion Planning and Implementation, The Water Institute of the Gulf, Baton Rouge, Louisiana
20. **Berke, P.** 2013-14: Member, Committee on Carolina's Climate Resilience, National Oceanic and Atmospheric Administration
21. **Berke, P.** 2008 - 2013: Deputy Director, Interim Director, UNC Institute for the Environment.
22. **Berke, P.** 2007-2013: Director, Center for Sustainable Community Design, UNC Institute for the Environment.
23. **Berke, P.** Member, Strengthening Democracy Grand Challenge Committee, College of Liberal Arts, 2015-16
24. **Berke, P.** Appointed by Office of VP for Research to lead 8 centers and institutes under the TAMU Climate and Environment Grand Challenge
25. **Berke, P.** Director, Institute of Sustainable Communities at TAMU College Station, 2016-present
26. **Berke, P.** Member, Administrative Council, Texas A&M Hagler Institute for Advanced Study, 2016-2019
27. **Berke, P.** Member, Faculty Advisory Bd, A&M-Ocean University of China (OUC) Collaborative, 2017-18.
28. **Berke, P.** Member, Advisory Committee, Water-Energy-Food Nexus Network, 2017-present
29. **Berke, P.** University Leader for Environment & Climate Change, Center and Institute Directors Council, TAMU College Station, 2017-present
30. **Berke, P.** Member, LAUP Head search committee, 2015-16
31. **Berke, P.** Member, Center for Health Systems and Design Director search committee, 2015-16
32. **Berke, P.** Member, LAUP Head search committee, 2017-18
33. **Berke, Philip and Masterson, J.H.** (2018, July). *Plan Integration for Resilience Scorecard: How to spatially evaluate networks of plans to reduce hazard vulnerability.* Trained Louisiana Sea Grant Program.
34. **Berling, D.** Representative (elected), Council of Principal Investigators, Texas A&M University, 2017–2020.
35. **Berling, D.** Member, Subcommittee on Enhancing Interdisciplinary Research, Council of Principal Investigators, Texas A&M University, 2018–2019.
36. **Berling, D.** Member (agency representative), State Hazard Mitigation Team, Texas Division of Emergency Management, Texas Department of Public Safety, 2018–Present.

37. **Berling, D.** Member (invited), Railroad Emergency Services Preparedness, Operational Needs, and Safety Evaluation (RESPONSE) Subcommittee, Federal Emergency Management Agency National Advisory Council, 2017–2018.
38. **Berling, D.** Project Panel Member, Current Hazardous Materials Transportation Research and Future Needs, Phase 2, Project HMCRP HM-10(01), 2017–2018.
39. **Berling, D.** Faculty Advisor, Texas A&M Engineers Without Borders, 2015–2016.
40. **Berling, D.** Editor-in-Chief, Trends and Issues in Marine Transportation and the Environment. TRB Standing Committee on the Marine Environment AW030, 2016.
41. **Berling, D.** Peer-Reviewer, papers submitted for 2017 TRB Annual Meeting, Standing Committee on Marine Environment AW030, 2016.
42. **Berling, D.** Peer-Reviewer, papers submitted for 2017 TRB Annual Meeting, Standing Committee on Transportation of Hazardous Materials AT040, 2016.
43. **Berling, D.** Peer Reviewer, papers submitted for 2017 TRB Annual Meeting, Standing Committee on Freight Rail Transportation AR040, 2016.
44. **Berling, D.** Member, Standing Committee on Transportation of Hazardous Materials AT040, 2014–Present.
45. **Cooper, J.** President - Texas Rural Leadership Program (TRLP). TRLP focuses on increasing leadership capacity in rural and underserved communities across Texas.
46. **Cooper, J.** Chair – Partnership for Community Outreach Committee, Texas A&M Department of Landscape Architecture and Urban Planning
47. **Cooper, J.** Board of Directors – U.S. Endowment for Forestry and Communities
48. **Cooper, J.** Board of Directors – The William Averette Anderson Fund for Hazard and Disaster Mitigation Education and Research
49. **Cooper, J.T., Van Zandt, S.S., & Masterson, J.H.** (2014, August). *Assessing Vulnerabilities to Hazards*. Training presentation at the South Central Climate Center at the University of Oklahoma, Norman, OK.
50. **Lindell, M.** Member—New Zealand Ministry of Science and Innovation Natural Hazards Research Platform Technical Advisory Group, 2011-2016.
51. **Lindell, M.** Member—Seattle Disaster Recovery Planning Committee, 2014.
52. **Lindell, M.** Editorial Board Member—Journal of Contingencies and Crisis Management, 2017-present.
53. **Meyer, M.** Grant Proposal Reviewer, National Science Foundation
54. **Meyer, M.** 2015–present ISA International Research Committee on Disasters (RC39) Annual Meeting Organizing Committee Chair
55. **Meyer, M.** 2015–present Editorial Board, *Social Problems*
56. **Masterson, J.H.** *Plan Integration for Resilience Scorecard Training I Norfolk, VA.* Developed and led half-day workshop on the plan integration for resilience scorecard. December 2016.
57. **Masterson, J.H.** *Plan Integration for Resilience Scorecard Training I in League City, TX.* Developed and led half-day workshop on the plan integration for resilience scorecard. November 2016.
58. **Newman, G.** Vice President of Research and Creative Scholarship Council of Educators in Landscape Architecture (CELA), 2018-present
59. **Newman, G.** Co-chair (with Merrill, J.), Landscape Planning and Ecology Track, Council of Educators in Landscape Architecture (CELA), 2016-2018

60. **Newman, G.** Chair, Landscape Planning and Ecology Track, Council of Educators in Landscape Architecture (CELA), 2015-2016
61. **Newman, G.** Co-chair (with Charlene Lebleu), Landscape Planning and Ecology Track, Council of Educators in Landscape Architecture (CELA), 2014-2015
62. **Newman, G.** Member, Roster of Visiting Evaluators (ROVE) – Canadian Society of Landscape Architects (CSLA): Landscape Architecture Accreditation Council (LAAC), 2016-present
63. **Newman, G.** Editor, *Landscape Research Record* (2018-present); v. 8 & vol. 9
64. **Newman, G.** Editorial Review Board – *Journal of Contemporary Urban Affairs* (2016-present)
65. **Newman, G.** Co-Editor, *Landscape Research Record* (2014-2018)
66. **Newman, G.** Chair – Council of Educators in Landscape Architecture (CELA) Standing Committee on Research (2018-present)
67. **Newman, G.** Chair – California Landscape Architecture Student Scholarship (CLASS) Fund Grant Committee (2018-present)
68. **Newman, G.** Member - Council of Educators in Landscape Architecture (CELA) Committee on Communication, Outreach and Publications (2018-present)
69. **Newman, G.** Member - Council of Educators in Landscape Architecture (CELA) Executive Committee (2018-present)
70. **Newman, G.** Member - Council of Educators in Landscape Architecture (CELA) Executive Director Search Committee (2018-2019)
71. **Newman, G.** CELA Representative – Landscape Architecture Foundation (2018-present)
72. **Newman, G.** CELA Representative – American Society of Landscape Architects (ASLA) Professional Awards Jury: Research Category (2018-present)
73. **Newman, G.** Texas Citizen Planner Program, Member (2016-present)
74. **Newman, G.** Judge - Houston-Galveston Area Council Parks and Natural Areas (PNA) Awards, (Spring 2018), H-GAC.
75. **Newman, G.** Youth Adventure Program - Professor (Summer 2013, 2014), Texas A&M University.
76. **Newman, G.** American Society of Adaptation Professionals Emerging Leaders Mentorship Program Co-Chair (2017-Present)
77. **Peacock, W.** President, International Research Committee on Disasters, International Sociological Association, 2011 to 2015
78. **Peacock, W.** Reviewer, 2014-2016, National Science Foundation
79. **Peacock, W.** Elected Member, Texas A&M Council of Principal Investigators, 2013-2014.
80. **Peacock, W.** Member, College Research and Interdisciplinary Council, College of Architecture, Texas A&M University (TAMU), 2004-present.
81. **Peacock, W.** Member, College of Architecture Promotion and Tenure Committee, Texas A&M University, 2004-2007 and 2009-present.
82. **Rogers, G.** City of West, Texas vs. CF Industries Sales, LLC, et al.; In The 170th Judicial District Court of McLennan County, Texas, Cause Number: 2013-2476-4, Deposition March 27, 2015.
83. **Rogers, G.** University, Committee on Academic Freedom, Responsibility and Tenure
84. **Rogers, G.** Planning Accreditation Board, Site Visit Team, Chair, April 2017
85. **Rogers, G.** Planning Accreditation Board, Site Visit Team, Member, February, 2016

86. **Rogers, G.** Planning Accreditation Board, Site Visit Team, Member, February, 2014
87. **Rogers, G.** College of Architecture, Full Professor Advisory Committee, 2018
88. **Rogers, G.** College of Architecture, Professorship and Awards Committee, 2017
89. **Rosenheim, N.** Committee Member, College of Architecture Information Technology Council, 2016-2018
90. **Rosenheim, N.** Coordinator, Brazos Locavores, a grass roots group that connects local eaters with local producers, 2009-Present
91. **Van Zandt, S.,** Expert Witness Housing Recovery After Disaster, Texas Senate Committee on Intergovernmental Relations, May 2015, January 2016.
92. **Van Zandt, S.** Housing Needs Assessment/Market Analysis, City of Bryan Community Development, Spring 2015 (PLAN 656)
93. **Van Zandt, S.** Evaluator, Rio Grande Valley Rapid Housing Recovery Program (RAPIDO), bcWORKSHOP/CDC of Brownsville/Texas Low-Income Housing Information Service (\$20,000). January 2014-January 2015.
94. **Van Zandt, S.** Evaluation Designer, Community Loan Center of Texas, Texas Association of Community Development Corporations/Texas Appleseed, August 2013-present (unfunded).
95. **Van Zandt, S.** Housing Needs Assessment, City of College Station, Spring 2014 (PLAN 656)
96. **Van Zandt, S.** Visioning, Nolanville and Dickinson TX, Fall 2014 (PLAN 665)
97. **Van Zandt, S.** Outside Expert, Land Use and Colonia Housing Action (LUCHA), bcWORKSHOP/CDC of Brownsville/Texas Low-Income Housing Information Service (unfunded). January 2014.
98. **Van Zandt, S.** Panel Reviewer, National Science Foundation, December 2009, January 2011, May 2014, February 2015
99. **Van Zandt, S.** Reviewer, Virginia Sea Grant Program, FY 2013-2014
100. **Van Zandt, S.** Reviewer, Oregon Sea Grant Program, FY 2015-2016
101. **Van Zandt, S.** Reviewer, Program to Enhance Scholarly and Creative Activities (PESCA), Texas A&M University (internal grant program), 2010-2013
102. **Van Zandt, S.** Report Reviewer, National Academy of Sciences NRC Report on Community-based Flood Insurance Options, May 2015.
103. **Van Zandt, S.** Member, Sun Belt Steering Committee, Kinder Institute for Urban Research, Rice University, 2016-present.
104. **Van Zandt, S.** Member, Advisory Committee, Texas Sea Grant, 2016-2019.
105. **Van Zandt, S.** Board Member, Texas Low-Income Housing Information Service, 2014-present.
106. **Van Zandt, S.** Member, Community Loan Center of Texas Advisory Committee, Texas Association of Community Development Corporations, 2014-present.
107. **Van Zandt, S.** Member, Texas Coastal Citizen Planner Advisory Board, Texas Sea Grant, 2013-present.
108. **Van Zandt, S.** Member, Fair Housing and Equity Workgroup, Houston-Galveston Area Council, 2012-2014.
109. **Van Zandt, S.** Regional Representative, Region 3, Governing Board, Association of Collegiate Schools of Planning, Fall 2016 to present
110. **Van Zandt, S.** Chair, Awards Committee (Ad-hoc), Governing Board, Association of Collegiate Schools of Planning, Spring 2017 to present

111. **Van Zandt, S.** Chair, University Programs Committee, and Member, Executive Committee, Hazard Mitigation and Disaster Recovery Division, American Planning Association, Summer 2016-present
112. **Van Zandt, S.** Member, Association of Collegiate Schools of Planning (ACSP) Review and Appraisal Committee (reviews activities, programs, ways and means to help sent the Presidential agenda and to recommend policy or organizational changes), 2015-2016 and 2010-2011.
113. **Van Zandt, S.** Track co-chair, Housing and Community Development Track, Association of Collegiate Schools of Planning, 2015-2017
114. **Van Zandt, S.** Reviewer, National Research Council Committee Report (on Community-based Flood Insurance Options), Spring 2015
115. **Van Zandt, S.** Member, Advisory Panel for Special Issue on Housing + Transportation, Housing Policy Debate, 2014-2015
116. **Van Zandt, S.** Member, Planners Training Service Working Group, American Planning Association, 2013-present
117. **Van Zandt, S.** Board Member, Texas Chapter of the American Planning Association (faculty representative), 2008-2009, 2015-2016
118. **Van Zandt, S.** Member, University Press Faculty Advisory Committee. Texas A&M University, College Station, 2012- 2015.
119. **Van Zandt, S.** Member, Search Committee, Coastal Planning Specialist, Texas Sea Grant, Texas A&M
120. **Van Zandt, S.** Member, College Research & Interdisciplinary Council, College of Architecture, 2013-present.
121. **Van Zandt, S.** Chair, Planning Advisory Committee, LAUP, Texas A&M University, 2010-present
122. **Van Zandt, S.** Co-Chair, Staff Search Committee (Office Associate), CHUD/HRRC/ISCC, March 2014
123. **Van Zandt, S.** Member, Staff Search Committee (Administrative Assistant), LAUP, January 2014
124. **Van Zandt, S.** Member, Chapter Nominating Committee for 2014 AICP Fellows, Texas Chapter of the American Planning Association, 2013.
125. **Van Zandt, S.** Member, Conference Planning Committee, Texas Chapter of the American Planning Association Annual Conference (Program sub-committee), 2013
126. **Xiao, Y.** Judge, 3-Minute Paper Contest, Texas A&M University (11/2/2016)
127. **Xiao, Y.** LAUP Representative, College Research and Interdisciplinary Council, Texas A&M University (March 2013- August 2017)
128. **Xiao, Y.** Board of Directors, 2013-2017, (Treasurer, 2013-2015) International Association for China Planning (<http://www.chinaplanning.org>)
129. **Xiao, Y.** Proposal review for RESTORE Act Center of Excellence for Louisiana, 2017
130. **Xiao, Y.** Proposal review for Washington Sea Grant, 2015
131. **Xiao, Y.** Proposal review for National Science Foundation, 2015, 2018
132. **Xiao, Y.** Panel review for National Science Foundation, 2014
133. **Xiao, Y.** Reviewer for conference proceedings. The 11th International Association for China Planning (IACP) Conference, June 16-18, 2017, Harbin, China.

134. **Xiao, Y.** Reviewer for conference abstracts. The 9th International Association for China Planning (IACP) Conference, June 19-21, 2015, Chongqing, China.
135. **Xiao, Y.** Reviewer for conference abstracts. The 8th International Association for China Planning (IACP) Conference, June 21-22, 2014, Guangzhou, China.
136. **Xiao, Y.** Reviewer for conference abstracts. The 6th International Association for China Planning (IACP) Conference, June 17-19, 2012, Wuhan, China.
137. **Xiao, Y.** Co-chaired the 9th International Association for China Planning (IACP) Conference, June 19-21, 2015, Chongqing, China.
138. **Xiao, Y.** Chaired Session 1.7 on Climate Change and Land Use of the IACP's 10th annual conference in Beijing China, June 30-July 3, 2016.
139. **Xiao, Y.** Chaired Session 5.4 on Smart Cities, Resilient Cities, and Sustainable Cities of the IACP's 10th annual conference in Beijing China, June 30-July 3, 2016.
140. **Xiao, Y.** Chaired Session 5.5 on Planning and Disaster of the IACP's 7th annual conference in Shanghai, China, June 29-July 1, 2013.
141. **Xiao, Y.** Chaired Session 2E on Urban Economics II of the IACP's 6th annual conference in Wuhan, China, June 17-19, 2012.
142. **Xiao, Y.** Panelist (2012- current), the Learning From Earthquakes (LFE) panel of the Earthquake Engineering Research Institute (EERI). The goal of the panel is to develop a resiliency framework to guide data collection of the EERI's LFE and related programs.
143. **Xiao, Y.** Panelist (2014- current), Business Resilience Case Study for South Napa Earthquake, EERI.
144. **Xiao, Y.** Member, EERI Reconnaissance on 5.0 earthquake in Cushing, Oklahoma occurred on Nov 6, 2016. Reconnaissance took place from November 14-16, 2016.

Awards by HRRC Core Faculty or their Students (2013-2017) (n=62)

1. **Bame, S.**, International Women's Leadership Association: Woman of Outstanding Leadership, 2014.
2. **Bardenhagen, E.** Distinguished Achievement Award, College Level. Texas A&M Association of Former Students. Fall 2017. In recognition and appreciation of dedication, interest, enthusiasm, and attitude in accomplishing the assigned mission in teaching.
3. **Bardenhagen, E.** J. Thomas Regan Interdisciplinary Faculty Prize, College of Architecture (2016 & 2017). Nominated by fellow faculty but ultimately did not receive award.
4. **Bardenhagen, E.** Chenxia Pu, TX-ASLA Merit Award 2017. The Phoenix Center Children's Mental Health Center Campus Design. Product of LAND 601 Studio taught Fall 2016.
5. **Bardenhagen, E.** Yixun Zhang, Texas ASLA Honor Award 2015. Coastal Storm Surge Protection for Galveston Texas. MLA final project committee member.

6. **Bardenhagen, E.** Texas ASLA Merit Award 2014. Eco-Radiation of Cross Creek Ranch, Fulshear TX. Product of LAND 603 Studio taught Summer 2013. Students: Wonmin Sohn, Yucheng Wang, Yixun Zhang and Zhihuang Li,
7. **Bardenhagen, E.** Texas ASLA Merit Award 2014. Inner Circle: A Radial Neighborhood Design for Cross Creek Ranch, Fulshear TX. Product of LAND 603 Studio taught Summer 2013. Students: David Danielson, Ruisi Guo, Jinglin Zhao and Xiotian Su
8. **Berke, P.** 2016. Best Article Award, Journal of the American Planning Association
9. **Berke, P.** 2014. National Research Council/National Academies of Sciences Service Award. Selected to act as spokesperson on findings produced by Committee on USACE Water Resources Science, Engineering, and Planning.
10. **Berke, P.** 2013. Co-authored book selected to be one of the “100 Essential Books in Planning,” American Planning Association Centennial Great Books, www.planning.org/centennial/greatbooks/
11. **Berke, P.** 2013. Faculty Award for Excellence in Doctoral Student Mentoring, UNC Graduate School
12. **Masterson, J.H.** 2017 Liberty County Strategic Plan – Texas Chapter of the American Planning Association Current Planning Award
13. **Masterson, J.H.** 2017 Grimes County Thoroughfare Plan – Texas Chapter of the American Planning Association Student Project Award Honorable mention
14. **Masterson, J.H.** 2017 Sunnyside Neighborhood Reclaiming Vacancies – Texas Chapter of the American Planning Association Student Project Award
15. **Masterson, J.H.** 2015 La Grange Housing Needs Assessment – Texas Chapter of the American Planning Association Student Project Award Honorable mention
16. **Masterson, J.H.** STAR Performer Award, January 2016. Received for exemplary staff achievements at Texas A&M University.
17. **Masterson, J.H.** 2015 APA Texas Chapter Student Project Award.
18. **Meyer, Michelle.** Samuel H. Prince Dissertation Award (2010-2014), International Sociological Association International Research Committee on Disasters
19. **Ndubisi, F.,** 2017 Secretary, Council of Fellows, American Society of Landscape Architects, inducted Oct.
20. **Ndubisi, F.,** 2016 President Elect, College of Fellows, Council of Educators in Landscape Architecture
21. **Ndubisi, F.,** 2016 Distinguished Member Award, Texas American Society of Landscape Architecture
22. **Ndubisi, F.,** 2016 Outstanding Educator Award, Council of Educators in Landscape Architecture
23. **Ndubisi, F.,** 2015 Notable Alumni, University of Guelph, School of Environmental Design and Rural Planning

24. **Ndubisi, F.**, 2015 Award of Excellence in Research for the book, *The Ecological Design and Planning Reader* (2014, 620 pp.); Texas Society of Landscape Architect (highest professional award in research)
25. **Newman, G.** 2017 CELA ‘Excellence in Research and Creative Scholarship Award (Junior Level),’ National research award, Council of Educators in Landscape Architecture
26. **Newman, G.** 2017 “Outstanding Mentor Award,” Department of Landscape Architecture and Urban Planning, College of Architecture, Texas A&M University.
27. **Newman, G.** 2017 ICNHRR Best Paper Award,” for *Understanding the Notion between Resiliency and Recovery through a Spatial-Temporal Analysis of Section 404 Wetland Alteration Permits before and after Hurricane Ike*. Reja, M.Y., Brody, S., Highfield, W. & Newman, G. ICNHRR 2017: 19th International Conference on Natural Hazard Risk Reduction – Boston, MA
28. **Newman, G.** 2016 CELA/CLASS Annual Research Award for ‘*Smart Shrinkage: Design for the Un-developing Landscape.*’ Joint national research award from the Council of Educators in Landscape Architecture (CELA) and the California Landscape Architecture Student Scholarship Fund (CLASS)
29. **Newman, G.** 2016 CELA Academy of Fellows Outstanding Poster Award, Council of Educator’s in Landscape Architecture (CELA) research award for ‘*Design Assessment for Sustainable Hydrologic System Development Using a Systematic Framework.*’ Sohn, W.M., Kim, J.H., & Newman, G.
30. **Newman, G.** 2015 Best Paper in JAPA Award for ‘Assessing Networks of Plans and Vulnerability to Coastal Hazards and Climate Change.’ Authors Berke, P., Newman, G., Lee, J., Combs, T., Kolosna, C., & Salvensen, D. *Journal of the American Planning Association*, 81 (4), 287-302
31. **Newman, G.** 2015 ACSP People’s Choice Poster Award, Association of Collegiate Schools of Planning for ‘A Current Inventory of Vacant Land in Urban America.’ Lee, R.J., Newman, G., and Bowman, A.
32. **Newman, G.** 2015 TAMU Inaugural Arts & Humanities Fellow, Texas A&M University
33. **Newman, G.** 2013-2014 TAMU Service Learning Faculty Fellow, Texas A&M University
34. **Newman, G.** 2014 ASLA Tri-State Professional Design Award, American Society of Landscape Architects, North Carolina Chapter (NC-ASLA). A competition between professional designers in Georgia, North Carolina, South Carolina – Analysis and Planning Category. “Project Green Test Track and Research Campus.’ Russell, P., Pearson, D., Newman, G., McCubbin, M., & Lloyd, K.
35. **Newman, G.** 2017 National ASLA “Honor Award: Analysis and Planning Category.” Faculty Advisor for Student Design Project, American Society of Landscape Architects, “*Climate Change Armor.*” Student: Zixu Qiao
<https://www.asla.org/2017studentawards/333351.html>

36. **Newman, G.** 2016 National ASLA “Honor Award: Student Community Service Category.” Faculty Advisor for Student Project, American Society of Landscape Architects. “*Neighborhood Detox: Enhancing Resilience in a Hazard Vulnerable Area.*” Student: Yangdi Wang <https://www.asla.org/2016studentawards/186387.html>
37. **Newman, G.** 2016 National ASLA “Honor Award: Analysis and Planning Category.” Faculty Advisor for Student Design Project, American Society of Landscape Architects, “*Sifting the Landscape: Transforming Vacant Lands through Smart Decline.*” Student: Yuxian Li <https://www.asla.org/2016studentawards/186277.html>
38. **Newman, G.** 2017 APA-TX “Student Project Award” Faculty Advisor for Student Plan. American Planning Association, Texas Chapter (APA-TX). “*Reclaiming Vacancies: A Community Revitalization and Resilience Strategy.*” Student: Saima Musharrat
39. **Newman, G.** 2017 “TX-ASLA Award of Excellence,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Nature as Catalyst.*” General Design Category, Undergraduate. Student Team: Jiazheng “Dennis” Zhu, Cristian Gonzales, Daniel Molina, Victor Duron
40. **Newman, G.** 2017 “TX-ASLA Award of Excellence,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Softening the surface: Balancing Green and Gray Space Ratios.*” General Design Category, Graduate. Student Team: Xueqi Song, Rui Zhu & Zehao Wang
41. **Newman, G.** 2017 “TX-ASLA Award of Excellence,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Visualizing Vitality - Maximizing the Potential of Under-utilized Area.*” Analysis and Planning Category, Graduate. Student Team: Zhihan Tao, Bingjie Zhao, & Kaidi Ye
42. **Newman, G.** 2017 “TX-ASLA Honor Award,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*The Arboreal Necklace - Maximizing Infiltration in a Drought Prone Landscape.*” Analysis and Planning Category, Graduate. Student Team: Liang Zhao, Mengfei Bao, & Zhen Yao.
43. **Newman, G.** 2017 “TX-ASLA Honor Award,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). Planning and Analysis Category, Undergraduate. **Newman, G.** “*Re.S.T.O.R.E..*” Student Team: Alaina Parker, Molly Morkovsky, Phillip Hammond, Maritza Sanchez, & Claudia Pool
44. **Newman, G.** 2017 “TX-ASLA Honor Award,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). Planning and Analysis Category, Graduate. “*Climate Change Armor.*” Student: Zixu Qiao
45. **Newman, G.** 2016 “TX-ASLA Honor Award,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Idle Grounds: Maximizing Resiliency in the Urban Landscape.*” Student Team: Christina Anderson, Hunter Jayroe, Stephen Parsons, Ashton Williams & Bryce Wood
46. **Newman, G.** 2016 “TX-ASLA Merit Award,” Faculty Advisor for Student Design Project. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Grey to*

- Green: For Healthy Communities.*” Student Team: Tamara Hajovsky, Courtney Kuehner, & Yamile Garcia, Clayton Blount
47. **Newman, G.** 2016 “TX-ASLA Merit Award,” Faculty Co-Advisor for Student Design Project. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Multimodal Transportation Systems and Transit Oriented Development: Concepts for Bryan-College Station, Texas and Texas A&M University.*” Student Team: Qiushuo Li, Yuxian Li & Xin Shu
 48. **Newman, G.** 2015 “TX-ASLA Merit Award,” Faculty Co-Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Performance in Practice – Hands-on LID Education Infrastructure at the TTI Sediment and Erosion Laboratory: College Station, Texas.*” Student Team: Yixun Zhang, Siman Ning, David Danielson, Zhihuang Li, Jinglin Zhao, Xiaotian Su, Yucheng Wang, Bitong Yang & Yao Yue
 49. **Newman, G.** 2014 “TX-ASLA Merit Award,” Faculty Advisor for Student Design, American Society of Landscape Architects, Texas Chapter (TX-ASLA) “*Infil[traction]: Low Impact Design Implementation.*” Student Team: Wonmin Sohn, Xiaotian Su, & Ruisi Guo.
 50. **Newman, G.** 2014 “TX-ASLA Merit Award,” Faculty Co-Advisor for Student Design, American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Watersmart Design for TAES Annex Building in Texas A&M University.*” Student Team: Zhihuang Li, Xiaotian Su, & Yue Yao
 51. **Newman, G.** 2017 “TAMU Undergraduate Student Research Award, 2nd Place,” Faculty Advisor for Student Research Project. Texas A&M University Undergraduate Research Week Competition. “*The Saving Grace Project.* Student Team: Laura Ruiz, Vanessa Ngo, Francisca Yanez, Leticia Meza
 52. **Newman, G.** 2013 ESRI “Lightning Talk Award” Environmental Systems Research Institute GeoDesign Summit, Redlands, CA
 53. **Newman, G.** 2016-2017 ARCC King Medal for Excellence in Environmental Research,” Faculty Advisor for PhD Dissertation entitled “*Forecasting Vacancy Dynamics in Growing versus Shrinking Cities.*” Architectural Research Centers Consortium.
 54. **Newman, G.** 2016 “H-GAC Project Showcase: Outreach,” Faculty Advisor for Student Design Project, Houston-Galveston Area Commission. “*Neighborhood Detox: Enhancing Resilience in a Hazard Vulnerable Area.*” Student: Yangdi Wang
 55. **Peacock, W.** Outstanding Mentor Award, 2018, awarded by the Department of Landscape Architecture and Urban Planning’s Student Advisory Council.
 56. **Peacock, W.** Distinguished Achievement Award in Research, Texas A&M University, April 2014, sponsored by the Association of Former Students, Texas A&M University.
 57. **Peacock, W.** Sandy and Bryan Mitchell Master Builder Endowed Chair, Texas A&M University, August 2012 to present.

58. **Peacock, W.** President, International Research Committee on Disasters, International Sociological Association, 2011 to 2015.
59. **Van Zandt, Shannon.** Nicole & Kevin Youngblood Endowed Professorship in Residential Land Development, College of Architecture, Texas A&M University, 3-year term beginning 2015.
60. **Van Zandt, Shannon.** Roy L. Dockery Endowed Professorship in Housing and Homelessness, College of Architecture, Texas A&M University, 3-year term June 2012-2015.
61. **Woodruff, S.** Dean's Distinguished Dissertation Award (2017, \$1000)
62. **Woodruff, S.** Graduate Education Advancement Board Impact Award (2017, \$500)

Certificates Awarded (n=51)

Environmental Hazard Management: (n=16)

	Name	Date Awarded
1	Hao-Che Wu	Dec - 2013
2	Kevin A. Crosby	May - 2013
3	Y. (Ge) Gurt	May - 2013
4	Michael L. Lopez	May - 2013
5	Jaimie Hicks Masterson	May - 2013
6	Maria Watson	May - 2014
7	Kai Wu	May - 2014
8	Patrick Doty	Aug - 2014
9	Sara Hamideh	Aug - 2015
10	Robert McCharen	Dec - 2015
11	Jeewasmi Thapa	May - 2016
12	Vera Abou Shakra	May - 2016
13	Tiffany Cousins	May - 2016
14	Nur Hamidah	Aug - 2016
15	Hung-Lung Wei	Aug - 2016

16 Kathleen DeGennaro Aug - 2017

Transportation: (n=29)

	Name	Date Awarded
1	Nair Angelica Barrios Perez	May - 2013
2	Boya Dai	May - 2013
3	Todd William Hansen	May - 2013
4	Allison Elizabeth Hyde	May - 2013
5	Michael W. Martin	May - 2013
6	Yue Zhang	Aug - 2015
7	Lisa Green	Aug - 2015
8	Patrick Patterson	Aug - 2015
9	Sepeedeh Rastegar-Pana	Aug - 2015
10	Xi Chen	Dec - 2015
11	Atrin Khodadai Fard	May - 2016
12	Hilary Page	May - 2016
13	Thiago Coelho de Oliveira	May - 2016
14	Jinuk Hwang	Aug - 2016
15	Pranjal Dixit	May - 2017
16	Sai Praneeth Kalakuntla	May - 2017
17	Gopika Nair	May - 2017
18	Wesley Shimek	May - 2017
19	Gargi Singh	May - 2017
20	Shibiya Sulfikar Sabu	May - 2017
21	Yige Tang	May - 2017
22	Siquing Yi	May - 2017
23	Qiao Zhao	May - 2017

24	Tara Ramani	May - 2017
25	Xinhe Ruan	May - 2017
26	Saima Musharrat	Aug - 2017
27	Qikun Chen	Aug - 2017
28	Sanjana Jasti	Dec - 2017
29	Kyuhyun Lee	Dec - 2017

Student Graduate Committees Chair/Co-Chair/Member

PhD URSC (n = 25)

	Degree	Student	Graduation Year
1	PhD	Joshua Gunn	2013
2	PhD	Junping Xu	2013
3	PhD	Minjie Xu	2013
4	PhD	Ayoung Woo	2014
5	PhD	Hyun Kim	2014
6	PhD	Jee Young Lee	2014
7	PhD	Shakil Kashem	2014
8	PhD	Shih-Kai Huang	2014
9	PhD	Young Re Noh	2014
10	PhD	Yunmi Park	2014
11	PhD	Jae Woong Won	2015
12	PhD	Myungshik Choi	2015
13	PhD	Sara Hamideh	2015
14	PhD	Boah Kim	2016
15	PhD	Hung-Lung Wei	2016
16	PhD	Hyekyung Lee	2016

17	PhD	Nathanael Proctor-Rosenheim	2016
18	PhD	Paula Lorente	2016
19	PhD	Wei Pan	2016
20	PhD	Yoonjeong Lee	2016
21	PhD	Han Park	2017
22	PhD	Jaekyung Lee	2017
23	PhD	Marcus Hendricks	2017
24	PhD	Phillip Lasley	2017

Masters Degree MUP or MLA (n = 94)

	Degree	Student
1	MUP	Chris Lazaro
2	MUP	Dongjin Han
3	MUP	Jaimie Masterson
4	MUP	Koly Sengupta
5	MUP	Lauren Hovde
6	MUP	Stephany Caraballo
7	MUP	Tho Tran
8	MUP	Walter M. Peacock
9	MUP	Yichi Liu
10	MUP	Cristina Odenborg
11	MUP	Haotian Zhong
12	MUP	Kyujae Lee
13	MUP	Maria Watson
14	MUP	Mark Bombek
15	MUP	Nakeisha Robinson
16	MUP	Travis Witt

17	MUP	Tyler Fossett
18	MUP	Carlos Espinoza
19	MUP	Emily Tedford
20	MUP	Katherine Barbour
21	MUP	Ridvan Kirmli
22	MUP	Faisal Aldelbahi
23	MLA	DingDing Ren
24	MUP	Kai Chu
25	MUP	Kaveh Forghanparast
26	MUP	Manasvini Thiagarajan
27	MUP	Nicole Adair
28	MLA	Rui Zhu
29	MUP	Scott Perkes
30	MUP	Shiva Khodadadi
31	MUP	Tristan Lanza
32	MLA	Xueqi Song
33	MLA	Yao Liu
34	MUP	Yiyao Zhang
35	MLA	Zhihan Tao
36	MUP	Alexandra Marler
37	MUP	Andrew Wallick
38	MLA	Ao Shi
39	MLA	Chenglin Mao
40	MLA	David Danielson
41	MLPD	Derrick Pugh
42	MUP	Donghwan Gu
43	MUP	Emily Sullivan

44	MUP	Fathima Raza
45	MLA	Heijing Feng
46	MLA	Ixchel Granada
47	MUP	Jeevasmi Thapa
48	MLA	Jeffrey Slater
49	MLA	Jing Lei
50	MLA	Jingwen Lu
51	MLA	Jixing Liu
52	MLA	Joomee Lee
53	MUP	Kai Wu
54	MUP	Kate de Gennaro
55	MLA	Kendall Raabe
56	MUP	Kevin Crosby
57	MUP	Lindsay Doremus
58	MLA	Lu Xia
59	MLA	Mengfei Bao
60	MLA	Mindong Xie
61	MUP	Morgan Wilson
62	MUP	Nur Hamidah
63	MUP	Pat Morrison Kultgen
64	MUP	Patrick Doty
65	MLA	Philip Roberts
66	MLA	Qian Wan
67	MLA	Qiushou Li
68	MUP	Reja Yousuf
69	MLA	Ruisi Guo
70	MUP	Saima Musharrat

71	MUP	Sepeedeh Panah
72	MLA	Siman Ning
73	MLA	Tiantian Lyu
74	MUP	Tiffany Cousins
75	MUP	Vera Abushakra
76	MUP	Vrushari Sathaye
77	MLA	Wei Shi
78	MLA	Xiao Jin
79	MLA	Xiatian Su
80	MLA	Xin Zhu
81	MLA	Yangdi Wang
82	MLA	Yiman Zhang
83	MLA	Yimeng Zhang
84	MLA	Yixun Zhang
85	MUP	Yousuf Reja
86	MLA	Yuan Ren
87	MLA	Yuxian Li
88	MLA	Zehao Wang
89	MLA	Zhihuang Li
90	MLA	Zhixing Yu
91	MLA	Zixu Qiao
92	MUP	Xuejiao Wang
93	MUP	Gargi Singh
94	MUP	Qazi Zahra

PhD and Masters Students Other Departments (n = 60)

	Degree	Student
1	MSENG	Aina Abbasgholipour
3	Arch	Amanda Schneider
4	M.Arch	Amber Smoot
5	M.Arch	Andrew Ilges
6	M.Arch	Ashley Johnston
7	M.Arch	AVi Patel
8	M.Arch	Behzad Yaghmaei
9	M.Arch	Celso Rojas
10	M.Arch	Chen Yi
11	M.Arch	Chetna Shaktawat
12	M.Arch	Chloe Mengers
13	PhD. Arch	Cris Cooper
14	PhD. Arch	Duygu Albostan
15	Ph.D. SOCI	Gabriel Amaro
16	M.Arch	Gaoyoung Ye
17	Ph.D. GEOG	Gina Lane
18	MLPD	Heather Smith
19	M.Arch	Hillary Brown
20	PhD parks/rec	Jao ho Lee
21	M. Ag Comm	Jolene Kollman
22	Ph.D. Arch	Joo Hyun Lee
23	M.Arch	Jungmin Kim
24	M.Arch	Kasi Svoboda Kasi
25	engineering	Kasper Stoeten
26	M.Arch	Keith Messick

27	M.Arch	Leigh Goris
28	M.Arch	Leslie Ammons
29	M.Arch	Lisa Valdivia
30	M.Arch	Madison Van Pelt
31	M.Arch	Meaghan Gilliam
32	M.Arch	Minkeun Sim
33	M.Arch	Miray Oktem
34	PhD Oceanography	Mohammad Almukaimi
35	M.Arch	Nathanielle Sybico
36	M.Arch	Niloofar Hosseini
37	M.Arch	Peixin Dong
38	M.Arch	Qianqian Zhang
39	M.Arch	Rajvi Patel
40	M. Arch	Roxanne Gutierrez
41	PhD. Arch	Saiful Islam
42	M.Arch	Sakshi Ghandi
43	M.Arch	Sarah Claus
44	Ph.D. Arch	Seyeon Lee
45	M.Arch	Sreedevi Soryanarayana
46	M. Arch	Stephanie Guariglia
47	M.Arch	Tian Wang
48	M.Arch	Tom Ham
49	PhD parks/rec	Trang Le
50	M.Arch	TRey Rice
51	M.Arch	Will Richard
52	M.Arch	Winklemann, Eric
53	M.Arch	Xi Zhao

54	M.Arch	Yimen Zhang
55	Ph.D. RPTS	Ying Xu
56	M.Arch	Yoonjeong Lee
57	M.Arch	Yue Wang
58	MSLD	Yujing Lu
59	M.Arch	Yuting Song
60	M.Arch	Zhen Zhang

External Grant Funding 2013-17 (From Maestro)

	Award Title	Sponsor	PI	Co-Pis	Start Date	End Date	Award Amount
1	Texas Census Research Data Center (txcrdc) Award Number: M1100578	NSF	Fossett, Mark	Peacock, Sheather, Saenz	15-Jul-11	30-Jun-14	300,000.00
2	Rapid: Immediate Behavioral Response To Earthquakes In New Zealand and Japan Award Number: M1101046	NSF	Lindell, Michael	Prater	15-Aug-11	31-Jul-12	44,989.00
3	Examining the 100-Year Floodplain As A Metric of Risk, Loss, and Household Adjustment Award Number: M1201175	NSF	Lindell, Michael	Prater	1-Sep-11	31-Aug-13	60,792.33
4	Hazardous Materials - Commodity Flow Surveys for Local Emergency Planning Award Number: M1200923	Texas Department Public Safety	Bierling, David		1-Oct-11	30-Sep-14	267,500.00
5	Hazardous Materials - Commodity Flow Surveys for Local Emergency Planning Award Number: M1200923	Texas Department Public Safety	Bierling, David		1-Oct-11	30-Sep-13	363,000.00
6	Hazardous Materials - Commodity Flow Surveys for Local Emergency Planning Award Number: M1200923	Texas Department Public Safety	Bierling, David		1-Oct-11	30-Sep-15	20,000.00
7	Behavioral Study, Valley Hurricane Evacuation Study, Willacy, Cameron, and Hidalgo Counties, Texas Award Number: M1200874	DOD-Army- Corps of Engineers	Lindell, Michael	Prater	1-Apr-12	31-Mar-13	85,000.00
8	Work Order NO. 6532 Under Glo Contract NO. 12-446-001 for Internship Services Award Number: M1200094	Texas General Land Office	Van Zandt, Shannon		15-May- 12	31-Jan-13	4,000.00
9	The Adoption and Utilization of Hazard Mitigation Practices By Jurisdictions Along Gulf and Atlantic Coasts Award Number: M1300851	NSF	Peacock, Walter	Van Zandt	1-Sep-12	31-Aug-15	303,334.00

10	Cgv: Large: Collaborative Research: Modeling, Display, and Understanding Uncertainty In Simulations for Policy Decision Award Number: M1300767	NSF	Lindell, Michael	Prater	1-Oct-12	30-Sep-16	319,125.00
11	Barrier Design and Landscape Integration for Galveston's West End Award Number: M1400197	Texas A&M University at Galveston	Bardenhagen, Eric		1-Apr-13	1-Apr-15	30,086.00
12	Surge Protection for the Galveston Bay Region - Advancing the Ike Dike Concept to Protect The University of Texas Medical Branch and its Associated Communities Award Number: M1402705	Texas A&M University at Galveston	Bardenhagen, Eric		17-May-13	31-Aug-15	25,000.00
13	Collaborative Research: Interdependency in Decision Making, A Holistic Approach to Understanding Community Recovery from Catastrophes Award Number: M1303292	NSF	Xiao, Yu		1-Aug-13	31-Jul-16	177,603.00
14	RAPID: Technological versus Natural Disasters: Consequences for Early Recovery Planning and Decision-Making at the Community and Household Level Award Number: M1303157	NSF	Meyer, Michelle	Peacock, Van Zandt, Cooper, Bierling	1-Aug-13	31-Jul-14	45,688.00
15	Persistent Volcanic Crises in the USA: From Precursors to Resilience Award Number: M1400783	University of Hawaii - Manoa	Lindell, Michael	Prater	1-Sep-13	31-Aug-14	54,768.00
16	All Hazards Resource Advisor Online Training Curriculum Development Award Number: M1100615	DOI-National Park Service	Bardenhagen, Eric		1-Jan-14	31-Dec-14	24,829.00
17	Effects of Pre-Disaster Recovery Plans on Post-Disaster Recovery among Socially Vulnerable Populations Award Number: M1402184	Texas A&M University HSC	Cooper, John		1-Jan-14	31-Jul-15	1,835.00
18	REU Site: Studies in Social Inequality and Social Vulnerability Award Number: M1401873	NSF	Fossett, Mark	Peacock	15-Apr-14	31-Mar-17	269,997.00

19	Houston Ship Channel Area Truck Traffic and Network Utilization Assessment Award Number: M1402303	Port of Houston Authority	Bierling, David		4-Jun-14	30-Sep-14	9,000.00
20	Local Resiliency Planning Scorecard and Enhancements to "Beyond the Basics" Hazard Mitigation Planning Website Award Number: M1501847	UNC-DHS	Berke, Philip		1-Jul-14	30-Jun-15	88,098.00
21	Technical Assistance Hazardous Materials Routing Designations Award Number: M1500569	City of Austin	Bierling, David		1-Jul-14	30-Nov-14	2,828.00
22	Structures of Long-Term Disaster Recovery: Organizational Roles and Collaboration in Six Cities Award Number: M1402740	NSF	Meyer, Michelle	Peacock, Van Zandt, Cooper, Bierling	1-Sep-14	31-Aug-16	382,188.00
23	Conduct Vulnerability Analysis of Potential Storm Surge Effects on Evacuation Zones and Transportation Routes Award Number: M1500355	Cooperative Ecosystem Studies Unit	Mullins, James	Peacock, Van Zant	25-Sep-14	31-Dec-14	300,000.00
24	Hazardous Materials - Commodity Flow Surveys for Local Emergency Planning Award Number: M1200923	Texas Department Public Safety	Bierling, David		1-Oct-14	30-Sep-15	222,325.00
25	Hazardous Materials Transport Data Collection for Baytown, Texas Award Number: M1501657	Baytown LEPC	Bierling, David		1-Nov-14	30-Sep-15	11,650.00
26	Center for Risk-Based Community Resilience Planning Award Number: M1502290	Colorado State University	Peacock, Walter	Xiao, Van Zandt	1-Feb-15	31-Jan-20	1,177,584.00
27	Building Capacity Across Texas: Enhancing Quality of Life and Place within Vulnerable and Disadvantaged Communities Award Number: M1503750	Texas A&M University System	Cooper, John		1-Jul-15	30-Jun-16	8,332.50
28	DOI Resource Advisor Online Training Curriculum Development Award Number: M1503061	DOI-National Park Service	Bardenhagen, Eric		22-Sep-15	31-Mar-16	24,998.13

29	Emergency Planning for Chemical Transportation Hazards Award Number: M1600444	Texas Department Public Safety	Bierling, David		1-Oct-15	30-Sep-16	221,101.92
30	PIRE-Coastal Flood Risk Reduction Program: Integrated, Multi-Scale Approaches for Understanding How to Reduce Vulnerability to Damaging Events Award Number: M1600610	Texas A&M University at Galveston	Berke, Philip	Bardenhagen, Newman	1-Oct-15	30-Sep-20	199,999.00
31	DHS S&T Coastal Resilience Center of Excellence - Center Lead Award Number: M1601327	University of North Carolina	Berke, Philip	Peacock	1-Jan-16	31-Dec-17	202,844.14
32	DHS S&T Coastal Resilience Center of Excellence - Center Lead Award Number: M1601327	University of North Carolina	Berke, Philip	Masterson, Newman	1-Jan-16	30-Jun-18	154,532.86
33	Hazardous Materials Commodity Flow Study and Shipment Analysis Award Number: M1601820	Corpus Christi/Nueces Co LEPC	Bierling, David		1-Feb-16	30-Sep-16	14,000.00
34	Hazardous Materials Transportation Risk Management Plan Award Number: M1601683	La Porte, Morgan's Pt (LEPC)	Bierling, David		1-Feb-16	30-Sep-16	10,000.00
35	Smart Shrinkage: Design for the Un-Developing Landscape Award Number: M1601838	Calif LandArch Stu Scholarship Fd	Newman, Galen		1-Mar-16	1-Mar-17	25,000.00
36	Stronger Economies Together (SET) Award Number: M1701530	Texas A&M Agrilife Extension Service	Cooper, John		1-Apr-16	31-Aug-17	11,837.00
37	CRISP Type 2/Collaborative Research: Scalable Decision Model to Achieve Local and Regional Resilience of Interdependent Critical Infrastructure Systems and Communities. Award Number: M1603307	NSF	Peacock, Walter	Goldberg, Rosenheim	1-Sep-16	31-Aug-20	706,873.00

38	EAGER - Citizen Science for Infrastructure Monitoring at the Neighborhood Level Award Number: M1603302	NSF	Gharaibeh, Nasir	Van Zandt, Berke, Van Zandt, Horney	1-Sep-16	31-Aug-17	102,706.00
39	CPR 01: Texas LEPC Handbook/Primer and LEPC Outreach Award Number: M1700744	Texas Department Public Safety	Bierling, David		1-May-17	30-Apr-18	106,665.00
40	La Porte, Texas Tier II Facility Geospatial Database and Hazard Analysis Award Number: M1702940	La Porte, Morgan's Pt (LEPC)	Bierling, David		26-Jun-17	26-Jun-18	55,000.00
41	DHS S&T Coastal Resilience Center of Excellence-Center Lead Award Number: M1802221	UNC - Chapel Hill	Berke, Philip	Masterson	1-Aug-17	30-Jun-18	86,200.00
42	Parker County, Texas Tier II Facility Geospatial Database and Hazard Analysis Award Number: M1703279	Parker County	Bierling, David		1-Aug-17	28-Jun-18	50,000.00
43	Comprehensive Tools and Models for Addressing Exposure to Mixtures During Environmental Emergency-Related Contamination Events Award Number: M1702959	Texas A&M University	Horney, Jennifer	Newman, Cooper	1-Sep-17	31-Mar-18	866,470.66
44	Early-Career Research Fellowship - Award Year 2017 Award Number: M1702987	National Academy of Sciences	Mostafavidarani, Ali	Berke	1-Sep-17	31-Oct-20	118,543.00
45	RAPID: Critical Infrastructure Disruption and the Food Distribution Network: The Implications for Food Security Following a Natural Disaster Award Number: M1800345	NSF	Rosenheim, Nathanael	Peacock	1-Oct-17	30-Sep-18	54,001.00
46	RAPID: Assessment of Risks and Vulnerability in Coupled Human-Physical Networks of Houston's Flood Protection, Emergency Response and Transportation Infrastructure in Harvey Award Number: M1800406	NSF	Mostafavidarani, Ali	Berke	15-Oct-17	30-Sep-18	91,091.50

47	Scalable Way to Improve Urban Environmental Efforts Award Number: M1800557	University of Wisconsin System	Masterson, Jaimie	14-Nov-17	31-Jul-18	3,000.00
48	CPR 02: Local Response Capabilities Assessment for HAZMAT Transport Incidents Award Number: M1801627	Texas Department Public Safety	Bierling, David	1-Dec-17	30-Sep-19	193,355.00
					Total:	7,897,770.04