

GALEN D. NEWMAN, PHD, ASLA, APA

Professor and Head, Department of Landscape Architecture and Urban Planning
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EDUCATION

Doctor of Philosophy in Planning, Design, and the Built Environment, May 2010

College of Architecture, Arts and Humanities

Clemson University – Clemson, SC

Research Focus: Structural Abandonment and Growth Management

Dissertation: *An Exogenous Approach to Circumventing Demolition by Neglect: The Impact of Peripheral Agricultural Preservation on Historic Urbanized Boroughs*

Advisor: Mickey Lauria

Master of Landscape Architecture, May 2006

College of Architecture, Design, and Construction

Auburn University – Auburn, AL

Concentration Area: Urban Design and Human Settlement

Master of Community Planning, Urban Design Track, May 2006

College of Architecture, Design, and Construction

Auburn University – Auburn, AL

Concentration Area: Urban Design and Regional Planning

Bachelor of Science in Environmental Design, May 2003

College of Architecture, Design, and Construction

Auburn University – Auburn, AL

ACADEMIC APPOINTMENTS

CURRENT

Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, August 2022-present

Department Head, Department of Landscape Architecture and Urban Planning, Texas A&M University, August 2022-present

Nicole and Kevin Youngblood Professorship in Residential Land Development, College of Architecture, Texas A&M University. Sept. 2019-present

Co-Editor, *Journal of Planning Educational and Research*, Jan. 2018-present

Auburn University Landscape Architecture Advisory Council Member, Auburn University, 2022-present

PREVIOUS

Associate Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, August, 2017-2022

Interim Department Head, Department of Landscape Architecture and Urban Planning, Texas A&M University, August, 2021-2022

Director, Center for Housing and Urban Development (CHUD). Texas A&M University, August, 2018-2022

Associate Department Head, Department of Landscape Architecture and Urban Planning, Texas A&M University, August, 2017-2021

Program Coordinator, Bachelor Landscape Architecture (BLA) Program. Department of Landscape Architecture and Urban Planning, Texas A&M University. Aug., 2019-2021

Program Coordinator, Bachelor of Science in Urban Planning (BS-URPN) Program. Department of Landscape Architecture and Urban Planning, Texas A&M University. June, 2016-Aug., 2019

Community Resilience Lead, Institute for Sustainable Communities (IfSC). Texas A&M University, June, 2016-August, 2018

Associate Director, Center for Hazard Reduction and Recovery (HRRC). Texas A&M University, June, 2016-August, 2018

Past President, Council of Educators in Landscape Architecture (CELA), 2022-2023

President, Council of Educators in Landscape Architecture (CELA), 2021-2022

First Vice President and President Elect, Council of Educators in Landscape Architecture (CELA), 2020-2021

Vice President for Research and Creative Scholarship, Council of Educators in Landscape Architecture (CELA), 2018-2020

Chief-Editor, *Landscape Research Record*, 2018-2020.

Track Chair, Landscape Planning and Ecology, Council of Educators in Landscape Architecture (CELA), 2014-2018

Assistant Professor, Department of Landscape Architecture and Urban Planning, Texas A&M University, Aug. 2011-July 2016

Visiting Assistant Professor, Department of Planning and Landscape Architecture, Clemson University, August 2010-July 2011

Graduate Teaching Assistant, College of Architecture, Arts, and Humanities, Clemson University, 2007-2010

Graduate Teaching Assistant, College of Architecture, Design, and Construction, Auburn University, 2003-2006

Faculty Fellow/Affiliate at Texas A&M University

Distinguished Partner, Institute for a Disaster Resilient Texas (IDRT), Spring 2023 present

Faculty Fellow, Texas Target Communities, Fall 2011-present

Core Member, Texas A&M Institute of Data Science Design and Analytics Lab for Urban Artificial Intelligence, Spring 2023-present

Institute for Sustainable Coastal Communities, Spring 2013-present

Hazard Reduction and Recovery Center, Fall 2013-present

Center for Beaches and Shores, Fall 2013-present

Center for Housing and Urban Development, Spring 2011-present

Center for Health Systems and Design, Spring 2013-present

Center for Heritage Conservation, Spring 2011-present

Center for Geospatial Sciences, Applications, and Technology, Fall 2014-present

Community Resilience Collaborative, Texas SeaGrant, 2018-present

Center for Health and Nature, 2022-present

PROFESSIONAL EXPERIENCE

Countryside Nursery and Landscapes/Gullatte & Associates, Landscape Architecture Summer 1998; Summer 1999; Summer 2000; 2001-2002), Columbus, GA
Design Implementation and Layout for Residential and Commercial Designs

RESEARCH (*denotes student author)

PEER-REVIEWED PUBLICATIONS

BOOKS

Newman, G. & Qiao, X., eds. (May 16, 2022). *Landscape Architecture for Sea Level Rise: Innovative Global Solutions*. Routledge: London.

ISBN: 9781032024578 (hardback)

ISBN: 9781032024561 (paperback)

ISBN: 97810031419 (ebook)

URL: <https://www.routledge.com/Landscape-Architecture-for-Sea-Level-Rise-Innovative-Global-Solutions/Newman-Qiao/p/book/9781032024561#>

URL2: <https://laforsealevelrise.com/>

Van Zandt, S., Masterson, J., Newman G. & Meyer, M. (29 June, 2020). *Engaged Research for Community Resilience to Climate Change*. First Edition. Elsevier: Cambridge, MA. ISBN: 9780128155752

URL: <https://www.elsevier.com/books/engaged-research-for-community-resilience-to-climate-change/vanzandt/978-0-12-815575-2>

PEER-REVIEWED JOURNAL ARTICLES

1. Atoba, K., **Newman, G.**, & Sansom, G. (accepted, 2023). Multi-Hazard Property Buyouts: Making a case for the acquisition of flood and contaminant-prone residential properties in Galena Park, TX. *Climate Risk Management*
2. Yu, S., **Newman, G.**, & Berke, P. (accepted, 2023). "Plan Integration for Ecological Resilience: Examining Factors Associated with Wetland Alteration." *Journal of Planning Education and Research*
3. Song, Y., Lee, C., Lee, R.J., Sohn, W.M., Tao, Z., Ding, Y., and **Newman, G.** (in-press, 2023). "COVID-19 and campus users: A longitudinal and place-based study of university mobilities in Texas." *Sustainable Cities and Society*.
URL: https://www.sciencedirect.com/science/article/pii/S2210670723002676?utm_campaign=STMJ_AUTH_SERV_PUBLISHED&utm_medium=email&utm_acid=81594058&SIS_ID=&dgcid=STMJ_AUTH_SERV_PUBLISHED&CMX_ID=&utm_in=DM370924&utm_source=AC
4. Sansom, G., *Hernandez, R., Johnson, J., **Newman, G.**, Atoba, K., Masterson, J., Davis, D., *Fawkes, L. (in-press, 2023). "Evaluating the Impact of Proximity to Reported Toxic Release Facilities and Flood Events on Chronic Health Outcomes in the City of Galena Park, Texas." *Climate Risk Management*, 40: 100507
URL: <https://doi.org/10.1016/j.crm.2023.100507>
5. Park, Y., Lee, J., & **Newman, G.** (in-press, 2023). "Twenty Years of Research on Shrinking Cities." *Landscape Research*, 1-16.
URL: <https://www.tandfonline.com/doi/full/10.1080/01426397.2023.2201492>
6. *Cai Z., *Zhu R., *Ruggiero E., **Newman G.**, & Horney J. (2023). "Calculating the Environmental Impacts of Low-Impact Development Using Long-Term Hydrologic Impact Assessment: A Review of Model Applications." *Land*, 12(3), 612.
URL: <https://www.mdpi.com/2073-445X/12/3/612>
7. Gharaibeh, N., Lee, C.C., Alalbouni, T. Wang, F., Lee, J. **Newman, G.**, Guneralp, B., & Van Zandt, S. (in-press, 2023) "Quality of Stormwater Infrastructure Systems in Vulnerable Communities: Three Case Studies from Texas." *Public Works Management & Policy*. 1087724X231164415.
URL: <https://doi.org/10.1177/1087724X231164415>
8. **Newman, G.**, Malecha, M, & Atoba, K. (2023). "Integrating ToxPi Outputs with Arc GIS Dashboards to Identify Neighborhood Threat Levels of Contaminant Transferal During Flood Events." *Journal of Spatial Sciences*, 68(1): 57-69.
DOI: 10.1080/14498596.2021.1891149
URL: <https://www.tandfonline.com/doi/full/10.1080/14498596.2021.1891149>

9. *Cai, Z., **Newman, G.**, Lee, J., Ye, X., Retchless, D., Zou, L., & Ham, Y. (2023, in-press). "Simulating the Spatial Impacts of a Coastal Barrier in Galveston Island, Texas: A Three-Dimensional Urban Modeling Approach." *Geomatics, Natural Hazards and Risk*. 14(1): 2192332.
URL: <https://www.tandfonline.com/doi/full/10.1080/19475705.2023.2192332>
10. Lee, R.J., **Newman, G.**, & Van Zandt, S. (in-press, 2023). "Using Neighborhood Characteristics to Predict Vacancy Types: Comparing Multi-Scale Conditions Surrounding Existing Vacant Lots." *Environment and Planning B: Urban Analytics and City Science*. 23998083231160542
URL: <https://journals.sagepub.com/doi/full/10.1177/23998083231160542>
11. Ye, X., *Du, J. *Han, Y., **Newman, G.**, Retchless, D., Lei, Z., Ham, Y., & *Cai, Z. (2023). Developing Human-Centered Urban Digital Twins for Community Infrastructure Resilience: A Research Agenda. *Journal of Planning Literature*, 38(2): 187-199.
URL: <https://doi.org/10.1177/08854122221137861>
12. Rising, H., *Olorode, A., *Segovia, W., & **Newman, G.** (2022). "Geodesign for Multi-scalar Consensus: Lessons from Flood Adaptation Pathways Planning." *Landscape Research Record* 11(1): 72-84.
URL: <https://thecela.org/landscape-research-record-no-11/>
13. Kirsch K., **Newman G.**, *Zhu R., Xu X., McDonald T., & Horney J. (2022) "Applying and integrating urban contamination factors into community garden siting." *Journal of Visualization and Spatial Analysis*, 6(2): 33.
DOI: 10.1007/s41651-022-00129-7
URL: <https://link.springer.com/article/10.1007/s41651-022-00129-7>
14. **Newman, G.**, Lee, C., Van Zandt, S., Ye, X., & Jourdan, D. (2022). "Towards a Unifying Definition and Approach for Quantifying Urban Policy Performance [editorial]." *Journal of Planning Education and Research* 42(4), 510-511
URL: <https://journals.sagepub.com/doi/full/10.1177/0739456X221120414>
15. Van Zandt, S., **Newman, G.**, Lee, C., Jourdan, D., & Ye, X. (2022). "Engaged Research: Inviting Residents into the Scientific Process [editorial]." *Journal of Planning Education and Research*, 42(3), 258-259.
URL: <https://journals.sagepub.com/doi/full/10.1177/0739456X221105048>
16. Jourdan, D., Lee, C., **Newman, G.**, Van Zandt, S., & Ye, X. (2022). "Expanding the Right to the City Through Regulatory and Financial Planning Tools [editorial]." *Journal of Planning Education and Research*, 42(2), 134-135.
URL: <https://journals-sagepub-com.srv-proxy2.library.tamu.edu/doi/full/10.1177/0739456X221085492>

17. Lee, S., Baek, J., *Kim, Se. W., & **Newman, G.** (accepted, 2022). "Tree canopy, pediatric asthma, and social vulnerability: An ecological study in Connecticut." *Landscape and Urban Planning* 225: 104451
URL: <https://authors.elsevier.com/a/1f3HPcUG5OuDf>
18. **Newman, G.**, Li, D., & Park, Y. (2022). "The relationships between neighbourhood vacancy, probable PTSD, and health-related quality of life in flood-disaster-impacted communities." *Urban Studies* 59(15), 3077-3097.
DOI: 10.1177/00420980221083101
URL: <https://doi.org/10.1177/00420980221083101>
19. **Newman, G.**, *Cai, Z., Horney, J., & *Lyu, W. (2022). "Reducing threats from Contamination and Flood Damage: Restoring the Brandywine Riverine Edge." *Landscape Architecture Frontiers* 10(1): 71-81.
URL: <https://journal.hep.com.cn/laf/EN/10.15302/J-LAF-1-040030>
20. *Kirsch, K., McDonald, T., **Newman, G.**, Xu, X. & Horney, J. (2022). "Surveys of Community Garden Affiliates and Soils in Houston, Texas." *Environmental Monitoring and Assessment* 194(5): 330.
URL: <https://www.mdpi.com/2071-1050/14/7/4247>
21. Song, Y., Ye, X., & **Newman, G.** (in-press, 2022). "Factors influencing long-term city park visitations for mid-sized US cities: A study using smartphone user mobility." *Sustainable Cities and Society* 80, 103815.
URL: <https://www.sciencedirect.com/science/article/pii/S2210670722001445>
22. Lee, C., **Newman, G.**, Jourdan, D., Van Zandt, S., & Ye, X. (2022). "Natural Experiments in Planning Research [editorial]." *Journal of Planning Education and Research* 42(1), 6-8.
URL: <https://journals.sagepub.com/doi/full/10.1177/0739456X211061763>
23. **Newman, G.**, *Kirsch, K., Sansom, G., Li, D., & Horney, J. (2022) "A Framework for Evaluating the Effects of Green Infrastructure in Mitigating Pollutant Transferal and Flood Events in Sunnyside, Houston, TX." *Sustainability* 14(7): 4247.
URL: <https://www.mdpi.com/1660-4601/19/3/1757>
24. Bhandari, S., *Casillas, G., *Aly, N., *Zhu, R., **Newman, G.**, Wright, F., Miller, A., Adler, G., Rusyn, I., & Chiu, W. (2022) "Spatial and temporal analysis of impacts of Hurricane Florence on criteria air pollutants." *International Journal of Environmental Research and Public Health*, 19 (3): 1757
URL: <https://www.mdpi.com/1660-4601/19/3/1757>
25. Lee, J., **Newman, G.**, & Lee, C. (2022). "Predicting detached housing vacancy: a multilevel analysis." *Sustainability*. 14(2): 922.
URL: <https://www.mdpi.com/2071-1050/14/2/922>

26. Woodruff, S., *Bae, J., Sohn, W., **Newman, G.**, *Tran, T., *Lee, J., *Wilkins, C., Van Zandt, S., Ndubisi, F. (in-press, 2022). "Planning, development pressure, and change in green infrastructure quantity and configuration in coastal Texas." *Land Use Policy*, 114: 105893
URL: <https://doi.org/10.1016/j.landusepol.2021.105893>
27. **Newman, G.**, Kim, Y., Kim, G., Lee, R.J., * Gu, D., *Kaveh, T., & Goldberg, D. (2022) 'A Python Script for Longitudinally Measuring the Duration of Vacant Land Uses.' *Journal of Spatial Sciences*: 67(1), 129-141.
DOI: 10.1080/14498596.2020.1721344
URL: <https://doi.org/10.1080/14498596.2020.1721344>
28. **Newman, G.**, *Cai, Z., *Zhu, R., Chiu, W., & Jang, S. (2021). "Gauging the effects of potential chemical transferal in high flood-risk fenceline communities." *Journal of Environmental Informatics Letters* 6(2): 86-92.
DOI: 10.3808/jeil.202100073
URL: <http://www.jeileters.org/index.php?journal=mys&page=article&op=view&path%5B%5D=202100073>
29. Ye, X., Jourdan, D., Lee, C., **Newman, G.**, & Van Zandt, S. (2021). "Citizens as Sensors for Small Communities [editorial]." *Journal of Planning Education and Research*, 41(4), 374-374.
URL: <https://journals.sagepub.com/doi/full/10.1177/0739456X211050932>
30. Park, Y. **Newman, G.**, *Lee, J. & *Lee, S. (in-press, 2021). "Identifying and comparing vacant housing determinants across South Korean cities." *Applied Geography*. 136, 102566.
URL: <https://www.sciencedirect.com/science/article/pii/S014362282100182X>
31. Jourdan, D., Lee, C., Li, W., **Newman, G.** & Van Zandt, S. (2021) "The Necessary Role of Planning Practice and Scholarship in the Age of Uncertainty [editorial]." *Journal of Planning Education and Research*, 41(2): 134-134.
URL: <https://journals.sagepub.com/doi/full/10.1177/0739456X211008510>
32. Sohn, W., *Bae, J., & **Newman, G.** (2021, in-press). "Green infrastructure for coastal flood protection: The longitudinal impacts of green infrastructure patterns on flood damage." *Applied Geography*, 135, 102565.
URL: <https://www.sciencedirect.com/science/article/pii/S0143622821001818>
33. *Bae, J.H., Sohn W., **Newman, G.**, Gu, D., Woodruff, S., Van Zandt, S., Ndubisi, F., *Wilkins, C., *Lee, J., & *Tran, T. (2021, in-press). "A Longitudinal Analysis of Green Infrastructure Conditions in Coastal Texan Cities." *Urban Forestry and Urban Greening*, 65, 127315.
URL: <https://www.sciencedirect.com/science/article/pii/S1618866721003423>

34. *Prybutok, S., **Newman, G.**, Atoba, K., Sansom, G. "Combining Co\$ting Nature and Suitability Modeling to Identify High Flood Risk areas in Need of Nature-Based Services." (2021). *Land* 10(8): 853
URL: <https://www.mdpi.com/2073-445X/10/8/853>
35. **Newman, G.**, Lee, C., Jourdan, D., Li, W., & Van Zandt, S. (2021). Planning the Allocation and Reallocation of Urban Space [Editorial]. *Journal of Planning Education and Research*, 41(3), 258-258.
URL: <https://journals.sagepub.com/doi/full/10.1177/0739456X211022680>
36. Li, D., **Newman, G.**, Wilson, B., *Zhang, Y., & Berwyn, R. (2021) "Modeling the relationships between historical redlining, urban heat, and heat-related emergency department visits: An examination of 11 Texas cities." *Environment and Planning B*, 49(3), 933-952.
DOI: 23998083211039854
URL: <https://journals.sagepub.com/doi/full/10.1177/23998083211039854>
37. Kim, G., Huamei, S., Ling, Q., **Newman, G.** (2021). "Web of Science-based Green Infrastructure: A Bibliometric Analysis in CiteSpace." *Land* 2021, 10(7): 711.
URL: <https://doi.org/10.3390/land10070711>
38. Li, D., **Newman, G.**, Zhang T., *Zhu R., & Horney J. (in-press, 2021). "Coping with post-hurricane mental distress: The role of neighborhood green space." *Social Science and Medicine* 281: 114084.
URL: <https://www.sciencedirect.com/science/article/pii/S0277953621004160>
39. *Zhu, R., **Newman, G.**, & Atoba, K. (2021). "Simulating the Impact of Land Use Change on Contaminant Transferal during Flood Events in Houston, Texas." *Landscape Journal* 40(2): 79-99.
URL: <http://lj.uwpress.org/content/40/2/79.short>
40. Lopez J., Kim, G., Lei, Y., **Newman, G.**, & Suppakitpaisarn, P. (2021, in-press). "An assessment method and typology for the regeneration of vacant land in Quito, Ecuador." *Urban Forestry and Urban Greening* 62: 127130
URL: <https://www.sciencedirect.com/science/article/pii/S1618866721001552>
41. *Aly, N., *Casillas, G., Luo, Y., McDonald, T., Wade, T., *Zhu, R., **Newman, G.**, Chui, W., Rusyn, I. (2021). "Environmental impacts of Hurricane Florence flooding in eastern North Carolina: temporal analysis of contaminant distribution and potential human health risks." *Journal of Exposure Science and Environmental Epidemiology* 31(5): 810-822.
URL: <https://www.nature.com/articles/s41370-021-00325-5>
42. Woodruff, S., *Tran, T., *Lee, J., *Wilkins, C., **Newman, G.**, Ndubisi, F., & Van Zandt, S. (2021) 'Green Infrastructure in Comprehensive Plans in Coastal Texas.' *Environment and Planning: B*, 64(9), 1578-1598.
DOI: 10.1080/09640568.2020.1835618

URL: <https://www.tandfonline.com/doi/full/10.1080/09640568.2020.1835618>

43. **Newman, G.**, Lee, R.J., *Qu, A. & *Pu, C. (2021). "Design for the Depopulating Landscape: A Retrofit Approach to Urban Regeneration in Johnstown, PA, USA." *Landscape Architecture Frontiers*, 8(6):106-119.
DOI: 10.15302/J-LAF-0-040002
URL: <http://journal.hep.com.cn/laf/EN/10.15302/J-LAF-0-040002>
44. **Newman, G.**, Li, D., *Tao, Z., & *Zhu, R. (2021). "Recent Trends in LA-based Research: A Topic Analysis of CELA Abstract Content." *Landscape Journal*, 39(2), 51-73.
URL: <http://lj.uwpress.org/content/39/2/51.short>
45. Atoba, K., **Newman, G.**, Brody, S., & Highfield, W. (2021) "Buy them out before they are built: Evaluating the proactive acquisition of vacant land in flood-prone areas." *Environmental Conservation*, 48(2), 118-126.
URL: <https://www.cambridge.org/core/journals/environmental-conservation/article/abs/buy-them-out-before-they-are-built-evaluating-the-proactive-acquisition-of-vacant-land-in-flood-prone-areas/4B47934F2D44E597CCCCB871D896ACCF>
46. *Zhu, R. & **Newman, G.** (2021) "The Projected Impacts of Smart Decline on Urban Runoff Contamination Levels." *Computational Urban Science* 1(2): 1-21
DOI: 10.1007/s43762-021-00002-1
URL: <https://link.springer.com/article/10.1007/s43762-021-00002-1>
47. Lee, R.J. & **Newman, G.** (2021, in-press) "The relationship between vacant properties and neighborhood gentrification." *Land Use Policy*, 101: 105185
URL: <https://doi.org/10.1016/j.landusepol.2020.105185>
48. Van Zandt, S., Jourdan, D., Lee, C., Li, W., & **Newman, G.** (2020). "Publishing in the Time of COVID-19." *Journal of Planning Education and Research*, 40 (4): 370-371.
URL:
https://journals.sagepub.com/doi/full/10.1177/0739456X20960224?casa_token=IqfBomzHqFIAAAAA:n4Wn16K0j8RyDFPYw_D3xFcqlK45d3k7xRsuInUZU_JiNF-1_neGISSgjLks4_ClnQFu_1v63IM
49. Ozdil, T., Li, D., & **Newman, G.** (2020). "100 Years of CELA: Past, Present, and Future the 2020. [Conference Review]" *Landscape Journal*, 39(1): 91-93.
URL: <https://muse.jhu.edu/article/780646>
50. Malecha, M., Kirsch, K., *Karaye, I., **Newman, G.** & Horney, J. (2020) "Advancing the Toxics Mobility Inventory: Development of a Toxics Mobility Vulnerability Index and Application in Harris County, TX. *Sustainability: The Journal of Record* 13(6), 282-291.
DOI: 10.1089/sus.2020.0067

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https://www.liebertpub.com/doi/full/10.1089/sus.2020.0067?casa_token=D6nO0Bq1GYoAAAAA%3AgiubWETIE0V3Ya6t4cAeoUj6HZ_4xP5l0zqRgLhiZzqnKnM513RVR-tebCpVIrpidc9f5ciV

51. *Zhu, R., *Tao, Z., **Newman, G.**, Counts, M., Meyer, M., Kim, Y., Kuriyama, N., Kondo, T., Maly, E., *Pinheiro, A., *Ghezelloo, Y., & *Offer, E. (2020). Growth and Shrinkage Pre and Post Tsunami in Fukushima Prefecture, Japan. *Landscape Research Record* 9(1), p. 132-147
URL: http://thecela.me/wp-content/uploads/LRR_v.9_FINAL_2020_Reduced-1.pdf
52. Kim, Y., **Newman, G.**, & Guneralp, B. (2020) 'A Review of Driving Factors, Scenarios, and Topics in Urban Land Change Models. *Land* 9(8), 246.
DOI: 10.3390/land9080246
URL: <https://www.mdpi.com/2073-445X/9/8/246>
53. Noh, Y., **Newman, G.** & Lee, R.J. (2020) 'Urban Decline and Residential Preference: The effect of vacant lots on Housing Premiums.' *Environment and Planning B*: 2399808320933906
URL: <https://doi.org/10.1177/2399808320933906>
54. Kim, G. & **Newman, G.** (2020, in-press). "Urban regeneration: Community engagement process for vacant land in declining cities." *Cities*, 102: 102730.
URL: <https://www.sciencedirect.com/science/article/pii/S0264275119307450>
55. *Kim Y., & **Newman, G.** (2020, in-press). 'Advancing scenario planning through integrating urban growth prediction with future flood risk models.' *Computers, Environment, and Urban Systems*, 82: 101498
URL: <https://www.sciencedirect.com/science/article/pii/S0198971520302313>
56. **Newman, G.** *Kim, Y.J., *Joshi, K., & *Liu, J. (2020). "Integrating Prediction and Performance Models into Scenario-based Resilient Community Design." *Journal of Digital Landscape Architecture*, 5(1): p.510-520.
URL: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7448720/>
57. **Newman, G.**, Shi, T., Yao, Z., Li, D., Sansom, G., Kirsch, K., *Casillas, G., Horney, J. (2020). 'Citizen Science-Informed Community Master Planning: Land Use and Built Environment Changes to Increase Flood Resilience and Decrease Contaminant Exposure.' *International Journal of Environmental Research and Public Health*, 17(2): 486
DOI: 10.3390/ijerph17020486
URL: <https://www.mdpi.com/1660-4601/17/2/486/htm>
58. **Newman, G.**, *Malecha, M., *Yu, S., *Qiao, Z., Horney, J., Lee, J., *Kim, Y.J., *Lee, R.J., & Berke, P. "(2020). "Integrating a Resilience Scorecard and Landscape Performance Tools into a Geodesign Process." *Landscape Research*, 45, (1): p.63-80

DOI: 10.1080/01426397.2019.1569219

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<https://www.tandfonline.com/eprint/WQJ62VYTTMM9PWC776YS/full?target=10.1080/01426397.2019.1569219>

59. Horney J., Dwyer, C., Vendrell-Velez, B., & **Newman G.** (2020). "Validating a Comprehensive Plan Scoring System for Healthy Community Design in League City, Texas." *Journal of Urban Design* 25(2), 203-217.
DOI: 10.1080/13574809.2019.1572453
URL: <https://doi.org/10.1080/13574809.2019.1572453>
60. Li, D., Zhai, Y., Xiao, Y., **Newman, G.**, & Wang, D. (in-press, 2019). "Subtypes of Park Use and Self-Reported Psychological Benefits Among Older Adults: A Multilevel Latent Class Analysis Approach." *Landscape and Urban Planning*. 190: 103605.
URL: <https://www.sciencedirect.com/science/article/pii/S0169204618312672?via%3Dihub>
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6. *Lupfer, N., Fowler, H., Valdez, A., Webb, A., Merrill, J., **Newman, G.**, & Kerne, A. (2018). "Multiscale Design Strategies from a Landscape Architecture Classroom." *Proceedings of the ACM Designing Interactive Systems Conference*. Hong Kong, China: 1081-1093***
URL: <https://doi.org/10.1145/3196709.3196812>
***only 25% acceptance rate for full papers
7. Arnold, M.A., **G. Newman**, M.-H. Li, J.-H. Kim, & K.-H. Chu. (Jan., 2018). "Academic and economic benefits accrued from integration of nursery production and propagation learning experiences within a multidisciplinary low impact development (LID) landscape project." *Proc. of the 62nd Annual Southern Nursery Assoc. Res. Conf.*, Baltimore, MD, Jan. 8-9, 2018.
8. Arnold, M.A., **G. Newman**, M.-H. Li, J.-H. Kim, & K.-H. Chu. (Feb, 2018). "Integration of nursery production and propagation learning experiences in a multidisciplinary LID landscape project yields academic and economic benefits." 2018 Annual Meetings of the *Southern Region of the American Society for Horticultural Sciences*, Jacksonville, FL, 2-4 Feb. 2018.
9. **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. Sienna, Italy: Wessex Institute of Technology Press, pp.1127-1138. ISSN: 1743-3541.
10. **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
11. **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
12. **Newman, G.** (2013) "Expanding the Scope of Historic Preservation Theory: A Systems Approach to Preventing Demolition by Neglect." *Urban/Nature*:

Conference Proceedings of the Council of Educators in Landscape Architecture (CELA), 2011. Berney, Rachel (ed.) University of Southern California, Los Angeles, CA: Figueroa Press. ISBN-13: 978-0-18-215889-8; ISBN-10: 0-18-215889-6, pp. 457-476

PEER-REVIEWED PUBLISHED ABSTRACTS: ORAL PRESENTATIONS

1. Deng, L., Lee, C., Lee, S., **Newman, G.**, Li, D., Song, Y., Lee, R.J., & Sohn, W. (accepted, Oct., 2023). 'Physical Activity and Psychological Wellbeing of U.S. College Students: Impacts of COVID-19 and Institutional Characteristics.' American Collegiate Schools of Planning (ACSP) Annual Conference – Miami, FL.
2. Glanzer, A., Sansom, G., **Newman, G.**, & Losa, L. (accepted, Aug., 2023) "Adoption of Urban Greenspace Solutions as a Means for Public Health Improvement." International Society of Exposure Science (ISES) 2023 Annual Meeting – Chicago, IL.
3. Zhu, R. & **Newman, G.** (Mar., 2023). "*The Spatial Relationship Between Long-Term Vacant Housing and Non-communicable Diseases in U.S. Shrinking and Growing Metropolitan Counties.*" Council of Educators in Landscape Architecture Annual Conference – San Antonio, TX.
4. Tao, Z., **Newman, G.**, & Song, Y. (Mar., 2023). "*Assessing the Impact of Green Infrastructure on Community Recovery from Tropical Storm Imelda in Houston, Texas.*" Council of Educators in Landscape Architecture Annual Conference – San Antonio, TX.
5. Li, D., Zhang, y., Li, X., & **Newman, G.** (Mar., 2023). "*The Synergistic Effects of Immersive Greenness and Microclimate Conditions on Psychological States in Green Space: An Ecological Momentary Assessment Approach.*" Council of Educators in Landscape Architecture Annual Conference – San Antonio, TX.
6. McGuire, M., Donovan, J., Hebron, E., Meadows, V., Myers, D., Newman, G., & Pritchard, K. (Mar., 2023). "*Professional Licensure of Landscape Architects: The Role of Education, Educators, and Allied Organizations.*" Council of Educators in Landscape Architecture Annual Conference – San Antonio, TX.
7. **Newman, G.**, & Qiao, Z. (Mar., 2023). "*Global Solutions for Combating Flood Risk and Sea Level Rise.*" Council of Educators in Landscape Architecture Annual Conference – San Antonio, TX.
8. Michael, S., Li, M., Bellalta, M., Boyer, M., & **Newman, G.** (Mar., 2023). "*Advisory Boards: Bane or Boon to Your Program?.*" Council of Educators in Landscape Architecture Annual Conference – San Antonio, TX.
9. Ding, L., Lee, C., Chen, X., **Newman, G.**, Song, Y., Lee, R.J., & Li, D. (Mar., 2023). "*Campus Environment of Higher Education and Student Health: A Systematic Literature*

Review." Council of Educators in Landscape Architecture Annual Conference – San Antonio, TX.

10. Arnold, M., Mackay, W., McDonald, G., Owings, A., and **Newman, G.** (Feb., 2023). *"Landscape Plants for the South-Central United States – An Instructional Resource for Developing Sustainable Built Environments."* Southern Region of the American Society for Horticultural Science
11. Ye, X. & **Newman, G.** (Nov., 2022). *"Network Science-based Urban Forecast Dashboard."* 5th International Workshop on Advances in Resilient and Intelligent Cities (ARIC 2022). Tuesday, November 1st, 2022, Seattle, WA, U.S.A.
12. Kaihatu, J., Slater, G., Padilla, L., Danforth, C., and **Newman, G.** (Dec., 2022). *"Combined Impacts of Hurricane Surge and Waterway Discharge on Flooding Projections and Vulnerability to Hazards along the Houston Ship Channel and Buffalo Bayou, Texas."* American Geophysical Union – Chicago, IL
13. Yu, S., **Newman, G.**, Berke, P., & Li, X. (Nov. 2022, accepted). *"Plan Integration for Ecological Resilience: Examine Factors Associated with Wetland Alteration."* Association of Collegiate Schools of Planning – Toronto, Canada.
14. **Newman, G.** & Li, D. (Jun., 2022). *"The Effects of Vacant Land on Mental Health in Flood-Disaster Impacted Communities."* Environmental Design and Research Association (EDRA) Annual Conference – Greenville, SC.
15. Lee, R.J., **Newman, G.** Lee, C., Song, Y., Xu, Z., Sohn, W., Ding, Y., & Li, D. (Jun., 2022). *"Green Infrastructure and Campus Health: Examining the Characteristics of College Campus Users."* Environmental Design and Research Association (EDRA) Annual Conference – Greenville, SC.
16. **Newman, G.**, Cai, Z., Horney, J. & Lyu, W. (Mar., 2022). *"Application of the L-THIA Model to Reduce risks from Contamination and Flood Damage."* Council of Educators in Landscape Architecture Annual Conference – Albuquerque, NM.
17. Rising., H. & **Newman, G.** (Mar., 2022). *"Design for Migration: Multi-Scalar Infrastructure Framework for Green, Blue, and Space New Deals."* Council of Educators in Landscape Architecture Annual Conference – Albuquerque, NM.
18. Cai, Z., **Newman, G.**, Ye, X., & Retchless, D. (Mar., 2022). *"Combining Digital Twin Models with Landscape Performance and Urban Analytics."* Council of Educators in Landscape Architecture Annual Conference – Albuquerque, NM.
19. Tao, Z., & **Newman, G.** (Mar., 2022). *"The Effects of Green Infrastructure on Commerce Flood Resilience: Analyzing Visitation Rates of Commercial Activity after Floods in Houston, TX."* Council of Educators in Landscape Architecture Annual Conference – Albuquerque, NM.

20. **Newman, G.**, Sansom, G., Fawkes, L., Zhu, R., & Horney, J. (Nov. 2021). *"Nature-Based Solutions to Improve Resilience to Disasters in Environmental Justice Communities."* Society of Environmental Toxicology and Chemistry (SETAC) North America 42nd Annual Meeting. Virtual.
21. Bae, J., & **Newman, G.** (Oct., 2021) *"Longitudinal Assessment of Urban Green Infrastructure Conditions across Coastal Texan Cities."* 61st Annual Association of Collegiate Schools of Planning Conference, Miami, FL.
22. Gu, D., **Newman, G.**, Peacock, W. G., & Rosenheim, N. (July, 2021). *"Non-recovery after Disasters: Vacant Land Contagion Post Hurricane Ike."* 46th Annual Natural Hazards Research and Applications Workshop, July 11 - 15, Broomfield, Colorado.
23. Tao, Z. & **Newman, G.** (June, 2021). *"Design for the Un-developing City."* International Geodesign Collaboration. Virtual: Redlands, CA.
24. **Newman, G.**, Kim Y., Joshi, K., & Liu, J. (Mar. 2021). *"Integrating Machine Learning Urban Prediction and Landscape Performance Models to Assess Resilient Growth Scenarios."* Council of Educators in Landscape Architecture Annual Conference - Virtual.
25. Zhu, R., & **Newman, G.** (Mar. 2021). *"The Projected Impacts of Smart Decline on Urban Runoff Contamination Levels."* Council of Educators in Landscape Architecture Annual Conference - Virtual.
26. Li, D., & **Newman, G.** (Mar. 2021). *"Nearby Nature and Post-Traumatic Stress Disorder: Evidence from Hurricane-Affected Communities."* Council of Educators in Landscape Architecture Annual Conference - Virtual.
27. Rising, H. & **Newman, G.** (Mar. 2021). *"Design for Storm Surge Flooding: Prototyping Adaptive Landscapes for Timely Emergency Evacuation."* Council of Educators in Landscape Architecture Annual Conference - Virtual.
28. **Newman, G.**, Sansom, G., Fawkes, L. (Feb. 2021). *"Utilizing Community Engagement to Improve Local Resilience to Hazardous Events."* Preparedness, Response, Innovation, Mitigation, Recovery (PRIMR) Conference - College Station, TX.
29. **Newman, G.**, Kim, Y., Joshi, K, Liu, J. (Feb. 2021). *"Integrating Prediction and Performance Models into Scenario-based Resilient Community Design."* ESRI Geodesign Summit, Virtual
30. *Parras, J., Hidalgo, N., **Newman, G.**, & Sansom, G. (Dec. 2020) *"Building Resilient Communities to Protect Against Exposure to Hazardous Substances: Multidisciplinary Engagement and Partnerships with the Superfund Researchers."* National Institutes of

Environmental Health Sciences Superfund Annual Conference, Virtual.

* keynote

31. *Zhu, R., & Newman, G. (Dec. 2020) "*Resilience through Regeneration: An engagement and performance-based approach to repurposing vacant community lots with green infrastructure.*" National Institutes of Environmental Health Sciences Superfund Annual Conference, Virtual.
32. Newman, G., & Yu, S. (Oct. 2020). "*Integrating a Resilience Scorecard and Performance Modeling into Flood Mitigation Planning.*" Aggies in Science, Technology, and Engineering Policy (A-STEP). Texas A&M University: College Station, TX.
33. Newman, G., Shearer, A., & Ozdil, T. (Oct., 2020). "*Applications for Geodesign in Texas.*" American Society of Landscape Architects (ASLA), Texas Chapter. San Antonio, TX.
34. *Bae, J. & Newman, G. (2020). "*Evaluating vacancy dynamics in populating and depopulating Metropolitan Statistical Areas.*" Association of Collegiate Schools of Planning (ASCP).
35. Horney J., Kirsch K., Sansom, G, & Newman G. (2020) "*Crossing silos and networking to advance environmental health disaster research.*" International Society for Environmental Epidemiology Annual Conference, August.
36. Newman, G., Li, D., *Tao, Z., and *Zhu, R. (March 2020). "*Recent Trends in CELA-based Research: A Comprehensive and Track Separated Topic Analysis of Submission Content.*" Council of Educators in Landscape Architecture (CELA) Annual Conference - Published but not presented due to COVID-19
37. *Zhu, R., *Tao, Z., Newman, G., Counts, M., Meyer, M., Kim, Y., Kuriyama, N., Kondo, T., Maly, E., & Offer, E. (March 2020). "*Growth and Shrinkage Pre and Post Tsunami in Fukushima, Japan.*" Council of Educators in Landscape Architecture (CELA) Annual Conference - Published but not presented due to COVID-19
38. Li, D., Newman, G., & Zhai, Y. (March 2020). "*A closer look at park prescriptions: Subtypes of park use and psychological benefits.*" Council of Educators in Landscape Architecture (CELA) Annual Conference - Published but not presented due to COVID-19
39. Newman, G. (Feb., 2020). "*Integrating Urban Vacancy Prediction into the Planning Process: A Neighborhood-scaled Right Sizing Strategy based on Land Use Dynamics.*" Environmental System Research Institute (ESRI) Geodesign Summit: Redlands, CA.
40. Newman, G. & Horney, J. (Nov., 2019). "*Integrating Neighborhood Scale Contaminant Sampling with Urban Growth Planning.*" National Institutes of Health

Annual Superfund Conference – Seattle, WA.

41. Lee, R.J., & **Newman, G.** (Oct., 2019). *“Are new urbanist communities resilient to abandonment?”* Association of Collegiate Schools of Planning (ASCP) – Greenville, SC.
42. Seong, K., Van Zandt, S., Peacock, W., & **Newman, G.** (Oct, 2019). *“Neighborhood Change after Floodplain Buyouts: A case study of Harris County, Texas.”* Association of Collegiate Schools of Planning (ASCP) – Greenville, SC.
43. Gu, D., **Newman, G.**, Peacock, W., Rosenheim, N., & Hamideh, S. (Oct, 2019). *“Post-Disaster Residential Redevelopment: The Duration of Vacancy after Hurricane Ike.”* Association of Collegiate Schools of Planning (ASCP) – Greenville, SC.
44. **Newman, G.**, Li, D., *Zhu, R., & *Ren, D. (Oct, 2019). *“Resilience through regeneration: The economics of re-purposing vacant land with green infrastructure.”* Association of Collegiate Schools of Planning (ASCP) – Greenville, SC.
45. Kim, Y.J., **Newman, G.**, & Guneralp, B. (Oct, 2019). *“A Systematic Review of Urban Land Change Modeling: Driving Factors, Topics, and Scenarios.”* Association of Collegiate Schools of Planning (ASCP) – Greenville, SC.
46. **Newman, G.**, Rusyn, I, & Sansom, G. (Sept, 2019). *“Resilience through Regeneration: The economics of repurposing vacant lands as green infrastructure.”* Resilience Rising Conference – College Station, TX.
47. *Webb, A., **Newman, G.**, & Kim, J.H. (2019). *“Interstices: Sustained Spatial Relationships between Hands and Surfaces Reveal Anticipated Action.”* ACM Conference on Human Factors in Computing Systems – Glasgow, UK.***
***only a 23% acceptance rate
48. **Newman, G.**, Hendricks, M., Horney, J., & Yu, S. (Mar., 2019). *“The Costs and Benefits of Green Infrastructure in Underserved, Flood Prone Neighborhoods.”* Council of Educators in Landscape Architecture (CELA) Annual Conference – Sacramento, CA.
49. *Tao, Z, **Newman, G.**, Arnold, M., *Sohn W., *Cao, L., Li, M.H., & Kim, J.H. (Mar., 2019). *“The Living Green Infrastructure Lab: Advancing Interdisciplinary Teaching and Professionalism in Landscape Architecture Pedagogy.”* Council of Educators in Landscape Architecture (CELA) Annual Conference – Sacramento, CA.
50. Horney, J., Rausher, E., & **Newman, G.** (Jan., 2019). *“Green Infrastructure Flood Control: How Flooding Contaminated Parks and Impacted Resident Perceptions of Environmental Health.”* National Council for Science and the Environment (NCSE) – Washington D.C.

51. Hendricks, M., **Newman, G.**, *Yu, Siyu, Horney, J. (Oct., 2018). *“Green infrastructure adaptation and affordability: The challenge for economically marginalized communities.”* Association of Collegiate Schools of Planning (ASCP) – Buffalo, NY.
52. *Kim, Y.J., & **Newman, G.** (Oct., 2018). *“Protecting flood risk increase due to urban growth: The case of Tampa, FL.”* Association of Collegiate Schools of Planning (ASCP) – Buffalo, NY.
53. Lee, R.J., **Newman, G.**, & *Day, W. (Oct., 2018). *“Abandonment and quality of life: A comparison of urban and suburban areas.”* Association of Collegiate Schools of Planning (ASCP) – Buffalo, NY.
54. **Newman, G.**, & *Qiao, Z. (June, 2018). *“Urban Regeneration as Resilience Strategy.”* Sustainable Architecture (S_ARCH) Conference – Venice Italy.
55. Sansom, G., Berke, P., Cooper, J., Gharaibeh, N., Hendricks, M., Masterson, J. & **Newman, G.** (July 2018). *“How Transdisciplinary Teams, Participatory-Based Research, and Community Engagement Work to Improve Outcomes and Build Local Capacity for Hazard Resilience.”* XIX ISA World Congress of Sociology – Toronto, Canada
56. *Lupfer, N., Fowler, H., Valdez, A., Webb, A., Merrill, J., **Newman, G.**, and Kerne, A. (June, 2018). *“Multiscale Design Strategies from a Landscape Architecture Classroom.”* ACM Designing Interactive Systems Conference. Hong Kong, China.
URL: <https://doi.org/10.1145/3196709.3196812>***
***only 25% acceptance rate
57. **Newman, G.**, Bearfield, D., *Yu, S., *Lee, R.J., & *Kim, Y.J. (2018). *“Regeneration as Resilience Strategy: Adapting to Climate Change through Vacant Land Conversion.”* Urban Affairs Association – Toronto, Canada
58. *Lee, R.J. & **Newman, G.** (2018). *“Developing a Spatial Classification Scheme to Compare Vacant Properties across Cities.”* Urban Affairs Association – Toronto, Canada
59. Heim-LaFrombois, M., Park, Y.M., **Newman, G.**, & Yurcaba, D. (2018). *“Planning for Shrinkage: A Synthesis of Planning Approaches in Depopulating U.S. Cities.”* Urban Affairs Association – Toronto, Canada
60. **Newman, G.**, *Malecha, M., *Yu, S. Horney, J., *Qiao, Z., Lee, J., *Kim, Y.J., *Lee, R.J., Berke, P. (Mar., 2018). *“Integrating Landscape Performance and Resilience Scorecard Analyses into a Geodesign Process.”* Council of Educators in Landscape Architecture Conference – Blacksburg, Virginia.
61. *Emeric, E., **Newman, G.** (Mar., 2018). *“The Means of Moving People: Urban Regeneration through Transportation Alternatives.”* Council of Educators in

Landscape Architecture Conference – Blacksburg, Virginia.

62. Hendricks, M., **Newman, G.**, Cooper, J., Van Zandt, S., & Arellano, Y. (Dec 2017). *“A Participatory Infrastructure Assessment Technique: Towards Equitable, Sustainable, and Resilient Communities.”* National Council for Science and the Environment – Washington D.C.
63. **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
64. 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.
65. 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.
66. **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.
67. **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.
68. 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.
69. 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.
70. *Lee, R.J. & **Newman, G.** (May, 2017). *“Developing Typologies for Vacant Urban Land.”* Council of Educators in Landscape Architecture Conference – Beijing, China.
71. *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.
72. *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**

73. 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." 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.)
74. **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.
75. *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.
76. **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.
77. **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.
78. **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.).
79. **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.
80. *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.
81. *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.
82. *Kim, B. & **Newman, G.** (Apr. 2015). "The Distribution of Vacant Land in Expanding Cities." 45th Annual Urban Affairs Association Conference – Miami, FL

83. **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
84. **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
85. 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
86. *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.
87. **Newman, G.** & Saginor, J. (Oct. 2014). *"Keys to Preventing Demolition by Neglect."* Association of Collegiate Schools of Planning (ACSP) 54th Annual Conference– Philadelphia, PA
88. 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
89. *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
90. *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
91. **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.
92. Saginor, J. & **Newman, G.** (Apr., 2014). *"Nuclear Coastal Residential Real Estate Property Values."* American Real Estate Society – San Diego, CA
93. **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

94. **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
95. *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
96. **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
97. **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
98. **Newman, G.** & Kim, J.H. (Feb., 2014). *"Development of an Interactive Webfrastructure for LAND240."* 2014 Teaching with Technology Conference – Texas A&M University: College Station, TX
99. **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**
****Only 11 speakers selected to present at this conference**
100. **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**
101. *Kim, B. and **Newman, G.** (Jan., 2013). *Analyzing Urban Growth Patterns in Dallas/Ft. Worth MPA.* Lightning Talk: ESRI Geodesign Summit – Redlands, CA
102. **Newman, G.** (May, 2012). *"Urban Shrapnel: Theories and Measurements of Waste Landscapes."* Environmental Design and Research Association Conference – Seattle, WA
103. **Newman, G.** (Mar., 2012). *"The Landscape of Neglect: Re-inhabiting the Internal Frontier."* Oral Presentation: Council of Educators in Landscape Architecture Conference - University of Illinois at Urbana-Champaign
104. **Newman, G.** (Nov. 2011). *"The Parallel between Demolition by Neglect and*

Agricultural Preservation: A Comparative Study of the Effects of Rural Farmland Preservation on Historic Urbanized Boroughs." Social Science History Association Conference - Boston, MA

105. **Newman, G.** (Mar., 2011). *"Expanding the Scope of Historic Preservation Theory: A Systems Approach to Preventing Demolition by Neglect of Historic Sites."* Council of Educators in Landscape Architecture Conference - Los Angeles, CA
106. **Newman, G.,** Pearson, D., Russell, P (Mar., 2011). *"Retrofitting the Region: A Bioregional Framework for Retrofitting Existing Suburban Landscapes."* Council of Educators in Landscape Architecture Conference - Los Angeles, CA
107. **Newman, G.** (May, 2011). *"A Systemic Theory for Historic Preservation: Land Use Management Strategies as Preservation Policy."* Environmental Design and Research Association Conference - Chicago, IL

PEER-REVIEWED PUBLISHED ABSTRACTS: POSTER SESSIONS

1. Ding, Y., Lee C., Deng, L., Chen, C., Song Y., **Newman, G.,** Lee R.J., Lee, S., Sohn, W., & Li, D. (Feb., 2023). *"Campus Environment of Higher Education on Students' Health: A systematic review."* Center for Health and Nature Symposium - College Station, TX.
2. Lee R.J., *Xu, Z., **Newman, G.,** Song, Y., Lee, C., Sohn, W., Li, D., & *Ding, Y. (Feb., 2023). *"Green Infrastructure and Campus Health: Exploring the characteristics of community health and campus users in three university towns in Texas."* Center for Health and Nature Symposium - College Station, TX.
3. *Zhu, R., **Newman, G.,** Han, S., Kaihatu, J., & *Wang, T. (Dec. 2022). *"Projecting the impact of green infrastructure provisions on flooding using Delft 3D Mesh."* 35th Annual National Institutes of Environmental Health Sciences Annual Superfund Conference - Raleigh, NC.
4. *Cai, Z., **Newman, G.,** Li, D., Chiu, W., Ye, X. & Retchless, D. (Dec. 2022). *"Assessing Future Flood Risk Reduction through Combining Digital Twin Models with Landscape Performance and Urban Analytics."* 35th Annual National Institutes of Environmental Health Sciences Annual Superfund Conference - Raleigh, NC.
5. *Tao, Z., **Newman, G.** & Song, Y. (Dec., 2022). *"Assessing Green Infrastructure's Impact on Community Recovery from Tropical Storm Imelda in Houston, Texas."* 35th Annual National Institutes of Environmental Health Sciences Annual Superfund Conference - Raleigh, NC.
6. Tao, Z., & **Newman, G.** (Mar. 2021). *"The Effects on Raingardens on Water Quality."* Council of Educators in Landscape Architecture Annual Conference - Virtual.
7. Malecha, M., **Newman, G.,** Horney, J., Karaye, I., Frickel, S., Zaslavsky, I., &

- Pezzoli, K. (Feb. 2021). *“Comparing Regional Drivers of Toxics Transferal Risk: Applying the Toxics Mobility Vulnerability Index in San Diego County, CA; Harris County, TX; and the State of Rhode Island.”* Preparedness, Response, Innovation, Mitigation, Recovery (PRIMR) Conference – College Station, TX
8. Tao, Z., **Newman, G.**, Liu, J., & Kim, Y. (Feb. 2021). *“Integrating Prediction Models and Urban Analytics into Scenario-based Resilient Design.”* Preparedness, Response, Innovation, Mitigation, Recovery (PRIMR) Conference – College Station, TX
 9. Zhu, R., **Newman, G.**, & Kim, Y. (Feb. 2021). *“Nearby Nature and Post-Traumatic Stress Disorder: Evidence from Hurricane Affected Communities.”* Preparedness, Response, Innovation, Mitigation, Recovery (PRIMR) Conference – College Station, TX
 10. Zhu, R., **Newman, G.**, Ren, D., Song, X., & Wang, Y. (Feb. 2021). *“Resilience through Regeneration: An Engagement and Performance-based Approach to Repurposing Vacant Community Lots with Green Infrastructure.”* Preparedness, Response, Innovation, Mitigation, Recovery (PRIMR) Conference – College Station, TX
 11. Malecha, M., **Newman, G.**, Horney, J., Karaye, I., Frickel, S., Marlow, T., Zaslavsky, I., Pezzoli, K. (Dec., 2020). *“Comparing Regional Drivers of Toxic Transferal Risk: Applying the Toxics Mobility Vulnerability Index (TMVI) in California, Texas, and Rhode Island.”* National Institutes of Environmental Health Sciences Superfund Annual Conference, Virtual
****This poster received the 2020 NIEHS Superfund Poster Award**
 12. *Tao, Z., **Newman, G.**, Joshi, K., Liu, J., & Kim, Y. (Dec., 2020). *“Integrating Prediction Models and Urban Analytics into Scenario-based Resilient Design.”* National Institutes of Environmental Health Sciences Superfund Annual Conference, Virtual
 13. *Zhu, R., **Newman, G.**, & Li, D. (Dec., 2020). *“Nearby Nature and Post-traumatic Stress Disorder: Evidence from Hurricane-affected Communities.”* National Institutes of Environmental Health Sciences Superfund Annual Conference, Virtual
 14. *Zhou, Y., *Li, H., **Newman, G.**, & Li, D. (Feb. 2020). *“Integrating Prediction Modeling and Urban Analytics into Scenario-Based Resilient Design.”* International Geodesign Collaboration, Environmental System Research Institute (ESRI): Redlands, CA
 15. *Tao Z., *Yao, Z., *Guo, R., **Newman, G.**, Horney, J. (Nov. 2019). *“Detoxifying Neighborhood Contaminants Through Green Infrastructure Planning.”* National Institutes of Health Annual Superfund Conference – Seattle, WA.
 16. *Guo, R., *Tao, Z., **Newman, G.**, & Horney, J. (Nov., 2019). *“Resilience through Regeneration: Counteracting the Effects of Urban Decline and Flood Events Using the*

NIEHS Framework." National Institutes of Health Annual Superfund Conference – Seattle, WA.

17. **Newman, G.**, Fries, K. Joshi, K., & *Liu, J. (Nov., 2019). *"Integrating Urban Analytics' into Engagement and Performance Evaluation for Resilient Growth."* National Institutes of Environmental Health Sciences Advisory Board Conference – Texas A&M University, College Station, TX
18. **Newman, G.**, *Qiao, Z., Malecha, M., Yu, S., Horney, J., Ki, Y., Lee, R.J., & Berke, P. (Nov., 2019). *"Integrating a Resilience Scorecard and Landscape Performance into a Geodesign Process."* National Institutes of Environmental Health Sciences Advisory Board Conference – Texas A&M University, College Station, TX
19. *Zhu, R., & **Newman, G.** (June, 2019). *"Resilience through Regeneration."* Making Cities Liveable Conference – Portland, Oregon.***
*** only 5 posters accepted to present here
20. Lee, R.J., **Newman, G.**, *Day, W. (Oct, 2019). *"A comparison of neighborhood satisfaction and housing values in growing and shrinking cities."* Association of Collegiate Schools of Planning (ASCP) – Greenville, SC.
21. *Kim, Y.J. & **Newman, G.** (Mar., 2019). *Climate Change Preparedness: Comparing Future Urban Growth and Flood Risk Prediction in Amsterdam and Houston.* Council of Educators in Landscape Architecture (CELA) Annual Conference – Sacramento, CA.
22. *Yu, S., *Zuniga, M., **Newman, G.**, Horney, J., & Han, G. (Dec., 2018). *Developing a Model to examine Green Infrastructure Impacts on Public Health.* National Institutes of Environmental Health (NIEHS) Superfund Research Center Annual Meeting – Sacramento, CA
23. *Tao, Z., *Sohn, W., *Wang, R., *Cao, L., **Newman, G.**, Li, M.H., Arnold, M., & Kim, J.H. (Mar., 2018). *'Aggie B.L.U.E.print Laboratories: A Multi-Disciplinary Teaching and Service Learning Opportunity.'* Council of Educators in Landscape Architecture Conference – Blacksburg, Virginia.
24. 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.* National Institutes of Environmental Health (NIEHS) Superfund Research Center Annual Meeting – Philadelphia, PA
25. *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.

26. 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.
27. *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.
28. Arnold, M., **G. Newman**, M.-H. Li, J.-H. Kim, and K.-H. Chu. (Feb., 2018). *Integration of nursery production and propagation learning experiences in a multidisciplinary LID landscape project yields academic and economic benefits*. 2018 Annual Meetings of the Southern Region of the American Society for Horticultural Sciences, Jacksonville, FL, 2-4 Feb. 2018 (title accepted).
29. 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.
30. **Newman, G.**, Kim, J.H., Li, M.H., Arnold, M. & Chu, K. (Aug., 2016). *Aggie B.L.U.E. Print Laboratories: Building Lasting University Environments - A Multi-Disciplinary Teaching Opportunity*. 2016 Annual Conference of the American Society for Horticultural Sciences, Atlanta, GA. HortScience 51(9):S263 (Abstr.).
31. *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.
32. *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**
33. 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.
34. *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.
35. *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**

36. *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
37. *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
38. *Ren, Y., **Newman, G.** & Kim, J.H. (Mar. 2014). *TAES Annex Building: Water Smart Program*. Council of Educators in Landscape Architecture Conference – Baltimore, MD
39. *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
40. *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
41. *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
42. **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
43. *Slater, J, *McCreary, M, & **Newman, G.** (Mar. 2013). *The Productive Value of Non-Productive Space*. Council of Educators in Landscape Architecture Conference – Austin, TX
44. Russell, P., **Newman, G.**, & Pearson, D. (Mar. 2012). *The Industrial Green*. Council of Educators in Landscape Architecture Conference - University of Illinois at Urbana-Champaign

**NON-PEER-
REVIEWED
PUBLICATIONS**

NON-REFERED BOOKS

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>

NON-REFEERED ARTICLES

Newman G. (2019). "On National Parks." *Place Matters, Race Matters: A Digital Exhibit in Celebration of Black History Month*. Texas A&M University Department of Landscape Architecture and Urban Planning.

http://laup.arch.tamu.edu/about/news/BHM/National-Parks_Newman.pdf

TECHNICAL REPORTS

Newman G. & Hollander, J. (2016). "Design for the Undeveloping Landscape." CELA/CLASS Fund Project. Institute of Sustainable Coastal Communities, Texas A&M University

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.

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., Sebestian, 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>

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.

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://d2dtl5nnpfr0r.cloudfront.net/swutc.tamu.edu/publications/technical-reports/161306-1.pdf>

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.

1. PI – Meyer, M. & Co-PI's **Newman, G.** & Li, D. (\$17,000,000.00 [2,264,133.00 to TAMU]). SRS RN Track 1: Gulf Region Resilience Research and Engagement Network. National Science Foundation Sustainable Regional Systems Research Networks Sept. 1, 2022-Aug. 31, 2027.
2. PI – Li, DL & Co-PI, **Newman, G.** (\$448,897.00). *Nature-based therapy: A socioecological and RE-AIM approach to treating disaster-related PTSD in flood-vulnerable communities*. Mar. 8, 2022-March 7, 2025. National Academy of Sciences, Engineering, and Medicine [accepted but pending].
3. **Multi-PI's Newman, G.,** & Li, D. “(\$5,600.00). “*Case Study Investigation: Landscape Performance for Houston Arboretum and Nature Center,*” Jan. 1, 2022- Aug. 31, 2022. Landscape Architecture Foundation
4. Director, Rusyn, I.; Community Engagement Core P.I. –**Newman, G.** & Co-P.I.'s Horney, J., & Sansom, G. and Data Management Core P.I. – Chui, W., and Co P.I.s **Newman., G.** & Li, D. (\$13,016,688.00). ‘*Comprehensive tools and models for addressing exposure to mixtures during environmental emergency-related contamination events (renewal application),*’ April 1, 2022-March 31, 2027. National Institute of Environmental Health Sciences Superfund Grant #P42ES027704-01.
5. **P.I. Newman, G.** & Co-P.I. Fries, K. (\$10,000.00). “*Integrating urban analytics into engagement and performance evaluation for resilient growth,*” June 1, 2019-May 31, 2020. National Institute for Environmental Health Sciences Pilot Project Grant.
6. PI - Roberts, A. & Co-PI., **Newman, G.** (\$238,602.00). ‘*Toward a People's History of Landscape: Black and Indigenous Histories of the Nation's Capital.*’ National Endowment for the Humanities. Aug. 1, 2022-Jun. 30, 2023.
7. PI - Rusyn, I. & Co-P's., **Newman, G.,** Chui, W., & Sansom, G. (\$20,000.00). ‘*My EcoReport Chatbot.*’ June 1, 2023-May 31, 2024. National Institute for Environmental Health Sciences Pilot Project Grant. Aug. 1, 2023-Jun. 30, 2024.
8. PI, Lee, R.J. & Co PI's **Newman, G.,** Day, W., & Peacock, W. (\$45,689.00). ‘*The Effect of Floodplain Buyouts on Nearby Property Values. Climate Change Adaptation, Property Values, and Municipal Finance Award.*’ Lincoln Institute of Land Policy. Feb. 1, 2022 – Jan. 31, 2023.
9. PI: Ye, X and Co PI's **Newman, G.,** Ham, Y., Retchless, D., & Zou, L. (\$298,982.00). ‘*Synchronizing Decision-Support via Human- and Social-centered Digital Twin Infrastructures for Coastal Communities.*’ National Science Foundation Eager Program. Sept. 1, 2021 – Aug. 31, 2023. #2122054
10. **Co-PI's:** Park, Y & **Newman, G.** (\$28,000.00). ‘*The Impact of Land Banking Program on Urban Vacancy and Community Regeneration in the US.*’ Korea-U.S. International Cooperation Program on Humanities supported by the National Research Foundation of Korea. Dec 20, 2020-Nov. 30, 2021

11. PI: Chui, W., & Co-PI, **Newman, G.** (\$277,171.00). 'Development of Gulf Coast Resiliency Management Plan Using Sentinel Species and Natural Infrastructure.' Environmental Defense Fund/National Academy of Sciences. Nov. 30, 2020-Oct. 31, 2021. #M2101136
12. **PI's: Newman, G.** & Chiu, W. (\$799,928.00). 'Engaging the Galena Park Community to Build Resilience to Excess Industrial Pollutant Releases after Hurricanes and Floods in Greater Houston' Environmental Protection Agency, Sept 1, 2020 - Aug. 31 - 2023. Award# 84004601.
13. P.I. Sansom, G. & Co-P.I.'s **Newman, G.** & McDonald, T. (\$22,000.00). June 1, 2020-May 31, 2021. "Assessing Creosote Exposure and Healthy Outcomes Within a Confirmed Cancer Cluster in two Houston Neighborhoods." National Institute for Environmental Health Sciences Pilot Project Grant.
14. P.I. Horney, J. & Co-P.I. **Newman, G.** (\$124,597.00). "Resilience through Regeneration in Northeast Wilmington." National Fish and Wildlife Foundation, January 1, 2020 - December 31, 2021.
15. **Multi-PI's Newman, G.,** & Horney, J. ("\$100,000.00"). "Developing a Spatial Approach for Toxic Transfer from Industrial and Vacant Land Uses to Green Infrastructure," Dec. 1, 2019- Nov. 30, 2020. National Institute of Environmental Health Sciences Data Supplement Grant.
16. P.I. Threadgill, D., & CEC - P.I. **Newman, G.,** with Co-PI's Lee, S., Breeden, J., Matthias, S., & Cannon, C., (\$7,508,268.00). "Texas A&M Center for Environmental Health Research," May 2, 2019-Mar. 31, 2024. National Institute of Environmental Health Sciences P30ES029067.
17. **P.I. Newman, G.** & Co-P.I. Fries, K. (\$10,000.00). "Integrating urban analytics into engagement and performance evaluation for resilient growth," June 1, 2019-May 31, 2020. National Institute for Environmental Health Sciences Pilot Project Grant.
18. **P.I. Newman, G.** & Co-P.I. Li, D. (\$10,000.00). "Environmental exposure and psychological well-being of hurricane-impacted communities," June 1, 2019-May 31, 2020. National Institute for Environmental Health Sciences Pilot Project Grant.
19. P.I. - Plotkin, P. & Co. P.I.'s **Newman, G.,** Van Zandt, S., Woodruff, S., Hetland, R., Socolofsky, S., Mostafavidarani, A., Wunneburger, D., Goldberg, D. Masterson, J., & Lyle, C. (\$8,708,897.00) NOAA Omnibus Texas Sea Grant Support 201. 'Green infrastructure plans for flood and storm water hazards reduction in the Texas coastal region.' Feb 1, 2018 - Jan 31, 2022. Texas Sea Grant and National Oceanic and Atmospheric Administration. NA18OAR4170088.
20. Director, Rusyn, I., P.I. - CEC **Newman, G.** & Co-P.I. Horney, J., Community Engagement Core. (\$9,811,125.00). 'Comprehensive tools and models for addressing

exposure to mixtures during environmental emergency-related contamination events,
April 1, 2017-March 31, 2022. National Institute of Environmental Health Sciences
P42ES027704-01.

21. **P.I. - Newman, G. & Co. P.I. Hollander, J. (\$25,000.00).** *'Smart Shrinkage: Design for the Un-developing Landscape.'* Mar. 2016-Mar. 2017. Council of Educators in Landscape Architecture (CELA) and the California Landscape Architecture Student Scholarship Fund (CLASS).
22. P.I. - Brody, S. and Co P.I.'s - Merrell, W., Highfield, W., Dalvesheridze, M, Figlus, J. Berke, P., **Newman, G.**, Bardenhagen, E., Gunn, J., Carlton, S., Whalen, R., Richardson, T., Gilmer, B., Perdue, A., Bedient, P., Padgett, J., Jonkman, B., Meyer, H., Nillesen, A., Kothuis, B., & Slinger, J. (**\$3,998,945.00**). *'Coastal Flood Risk Reduction Program: Integrated, multi-scale approaches for understanding how to reduce vulnerability to damaging events.'* Jan., 2016-Jan., 2022, National Science Foundation Partnerships for International Research and Education (PIRE) Program.
23. P.I. - Berke, P. & Co P.I.'s - Horne, J., **Newman, G.**, and Peacock, W. (**\$301,602.00**). *'Local Planning Networks and Neighborhood Vulnerability Indicators'*, University of North Carolina Coastal Hazards Center of Excellence. July 1, 2016-Jun., 2021. Department of Homeland Security.
24. P.I. - Bardenhagen, E., & Co P.I. - **Newman, G. (\$55,000.00).** *'Phase I & 2: Visual Plan and Landscape Integration of the Ike Dike.'* Surge Protection and Community Design for Western Galveston Island, Aug. 2013-Aug. 2015, Institute for Sustainable Coastal Communities.
25. P.I. - Li, Ming-Han, & Co P.I.'s - McFalls, Storey, Beverly, & **Newman, G. (\$45,000.00)** *'Developing the, Sedimentation and Erosion Control Laboratory to Become a Hands-on Training and Educational Center.'* Sept. 2013-May 2014: Southwest University Transportation Center.
26. P.I. - Russell, P., & Co P.I.'s - **Newman, G.**, Pearson, D., and McCubbin, M.B. (**\$82,312.00**). *'Project Green: Decommissioned Industrial Airport Runway Alternatives.'* South Carolina Aviation and Technology Center (SC-TEC): Greenville, SC, May 2011-May 2012.

INTERNAL GRANTS

1. Multi-PI's - Ye, X & **Newman, G. (\$300,000.00).** *Design & Analytics Lab (DAL) for Urban Artificial Intelligence.* TAMIDS Thematic Labs Program, Texas A&M University. Fall 2022-Fall 2024.
2. P.I. - Newman, G. (**\$3,000.00**). *'Leading a Mentoring Culture.'* Dean of Faculties Faculty Development Grant. Texas A&M University. Fall, 2021-Fall 2022
3. P.I. - Meyer, M. and Co-PI's **Newman, G.**, Lee, C., Van Zandt, S., Rumbach, A.,

- Roberts, A., and Ye, X. (\$25,000.00). *'Empowering Smart and Resilient Communities.'* Pathways to the Doctorate Collaboration Grant. Texas A&M University.
4. P.I. – Retchless, D., and Co. PI's **Newman, G** & Ye, X. (\$30,000.00). *'Developing a Digital Twin for Galveston Island.'* T3 Triads. Texas A&M University. Spring 2021-Fall 2022.
 5. **P.I. – Newman, G.** (\$75,000.00). Presidential Impact Fellowship. Fall 2020-Summer 2023. Texas A&M University.
 6. P.I. – Li, D. and Co-P.I.'s – **Newman, G.** Sueda, S., Behzda, A. (\$60,000.00). *'A5: The Augmented Atlas for Architecture and Landscape Architecture Abroad,'* Global Engagement Grant Program. Summer 2019-Spring 2022. Texas A&M University.
 7. P.I. – Lee, R.J., and Co-P.I. – **Newman, G.** (\$10,000.00). *'Developing an interactive Platform for group Assignments: Increasing Active Learning in Online Content for URPN: 361,'* Academic Innovation Grant Program. Fall 2018-Summer 2019. Texas A&M University.
 8. **P.I. – Newman, G.,** and Co. P.I.'s Horney, J & Mostafavidarani, A. (\$30,000.00). *'Developing a Tool for Measuring Landscape Performance on Public Health.'* T3-Triads for Transformation Competitive Grant. Summer 2018-Summer 2019. Texas A&M University.
 9. **P.I. – Newman, G.** (\$10,000.00). *'Integrating Planners and Landscape Architects: a Geodesign Approach.'* Center for Teaching Excellence. Fall 2018-Fall 2019. Texas A&M University.
 10. P.I. Merrill, J. & Co-P.I. **Newman, G.** (\$10,000.00). *'Development of an Interactive Web-structure for LAND241 – History of Landscape Architecture II.'* Innovative Pedagogy Grant Program. Fall 2017-Fall 2018. Texas A&M University.
 11. **P.I. – Newman, G.,** & Co. P.I.'s – Du, E.J., Brown, B., Klein, B., & Masterson, J. (\$25,000.00). *'Enhancing Flood Resiliency in an Underserved Neighborhood.'* University Action 2017: Education First Initiative Interdisciplinary Competitive Grant. May. 2017-May 2018: Texas A&M University
 12. **P.I. – Newman, G.,** & Co. P.I.'s – Horney, J., Merrill, J., Bearfield, D., Deyong, S., Berke, P., & Masterson, J. (\$20,000.00). *'Future visioning of local climate change: Planning, design, policy and health impacts of sea level rise in League City, TX.'* University Action 2016: Education First Initiative Interdisciplinary Competitive Grant. May. 2016-May 2017: Texas A&M University
 13. **P.I. – Newman, G.** & Kim, J.H, Li, M.H., Arnold, M., & Chu, K.H. (\$300,000.00). *'Aggie B.L.U.E.print Laboratories: Building Lasting University Environments.'* Tier One Program (TOP) Interdisciplinary Education Grant. Aug. 2015-Aug. 2018: Texas A&M University

14. **P.I. – Newman, G.,** and Co. P.I.'s – Cooper, J., O'Brien, M., Masterson, J., & Berke, P. (\$20,000.00). 'Phase 1-Resilience and Climate Change Cooperative Project (RCCCP): Participatory Design and Planning for Manchester, TX.' University Action 2015: Education First Initiative Interdisciplinary Competitive Grant. Aug. 2015-May 2016: Texas A&M University
15. **Multi-P.I.'s – Newman, G. & Kim, J.H. & Li, M.H.** (\$61,600.00). 'Aggie B.L.U.E.print Center: Building Lasting University Environments.' Aggie Green Fund Competitive Grant. June 2015-Aug. 2017: Texas A&M University
16. **P.I. – Newman, G.** (\$15,000.00). 'Smart Shrinkage: Design for the Un-developing Landscape.' Humanities and Creative Arts Program. Aug. 2015-Aug. 2017. Texas A&M University.
17. P.I. – Kim, Y.M., & Co P.I.'s – Kim, J.H., & **Newman, G.** (\$74,996.20). 'Physical | Virtual: Online and Mobile Devices as Pedagogical Tools in URPN 220 Digital Communication I.' Core Curriculum Courses Enhanced with Technology Competitive Grant, Jan. 2015-May 2016: Texas A&M University
18. **P.I. – Newman, G.** (\$3,000.00). 'Environmental Monitorization and Interactive Display of Schob Preserve.' Schob Nature Preserve Mini Grant, Sept. 2015-May 2016. Department of Landscape Architecture and Urban Planning, Texas A&M University
19. **Multi-P.I.'s – Newman, G.,** Li, W., Zhu, Xuemei & Dvorak, B. (\$15,000.00). 'The G.R.I.D.D. Initiative: Growth Recalibration, Interdisciplinarity, Design and Development.' University Action 2014: Education First Initiative Interdisciplinary Competitive Grant, May. 2014-Jan. 2015: Texas A&M University
20. **P.I. - Newman, G.,** & Co P.I.'s – Kim, J.H., & Volkman, N. (\$16,000.00). 'Virtual Tours of International Landscapes.' Global Innovation Fund for International Education, Sept. 2013-June 2014: Texas A&M University
21. **P.I. - Newman, G.,** & Co P.I. – Kim, J.H. (\$74,999.23). 'Interactive Learning Modules for LAND240: History of Landscape Architecture I.' Core Curriculum Courses Enhanced with Technology Competitive Grant, Jan. 2013-May 2014. Texas A&M University
22. **P.I. - Newman, G.,** & Co P.I. – Kim, J.H. (\$47,780.00). 'Towards a Digital Pedagogical System: An Interdisciplinary Framework for the College of Architecture.' Computer Access Fee Competitive Grant, Sept. 2012-May 2013: Texas A&M University
23. **P.I. - Newman, G.,** & Co P.I. – Kim, J.H. (\$22,263.00). 'Towards a Digital Pedagogy: Request of Funding for Purchasing SMART Interactive Display Unit.' Computer Instructional Technology Matching Grant, Sept. 2011-May 2012: Texas A&M University

FUNDED SERVICE-LEARNING PROJECTS

1. **Newman, G.,** Lee, C., Ren, D. Fall 2022-Summer 2023 (\$8,000.00). *Hensel Park*. College Station, TX.
2. **Newman, G.,** Luhan, G., & Suermann, P. Summer 2022-Summer 2023 (\$176,000.00). *Buffalo Gap Rural Studio*. Buffalo, Gap, TX.
3. **Newman, G.** Spring 2020-Summer 2020 (\$16,000.00). *Bridgestone Municipal Utilities District Trails Design*. Houston, TX.
4. Principal Planner, Rodiek, J. and Co-Principal Planner, **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.
5. **Newman, G.** (\$8,745.00). Summer 2013-Fall 2013. *WaterSmart Garden*. College Station, TX. Texas Sea Grant funded site design for low impact development features at the TAES annex building.
6. **Newman, G. & Li, M.H.** (\$4,500.00). Spring 2013-Summer 2013. *LoneStar Groundwater Conservation District-Low Impact Development*. Conroe, TX. Design property grounds for the LoneStar Groundwater Conservation District facilities.
7. P.I. – Rodiek, J. & Project Manager - **Newman, G.** (\$1,000.00), Summer 2012-Fall 2012. *White Creek Residential Design*. College Station, TX. Site design of a lakefront bed and breakfast.
8. P.I. – Rodiek, J. & Project Manager - **Newman, G.** (\$1,000.00), Summer, 2012. *Texas A&M Horticultural Garden*. College Station, TX Design of an outdoor botanical garden on TAMU campus.

OTHER RESEARCH SELECTED MEDIA COVERAGE ON RESEARCH

Newman's work featured in contamination investigation for East Palestine, OH train derailment and toxic catastrophe

Article: <https://www.wfmj.com/story/48490564/university-air-research-results-mirror-epa-tests-more-testing-needed-in-east-palestine>

Television:

<https://www.wkyc.com/video/entertainment/television/programs/whats-new/independent-testing-in-east-palestine-echoes-epa-finds-some-air-contaminants/95-5ec5fd3e-4231-4a51-b45f-02a2ee60a751>

Newman's Book '*Landscape Architecture for Sea Level Rise: Innovative Global Solutions*' designated as top 12 book of 2022 by the American Society of Landscape Architects <https://dirt.asla.org/2022/11/30/best-books-of-2022/>

Newman's engagement work celebrated by Texas A&M University's Faculty Affairs
<https://facultyaffairs.tamu.edu/Opportunities/Faculty-Excellence/A-Green-Infrastructure-Network-Dr-Newman>

Newman's work assists Galena Park, TX in securing \$3 million in funding to improve infrastructure
<https://sylviagarcia.house.gov/media/press-releases/rep-sylvia-garcia-secures-ten-million-houston-south-houston-galena-park-and-0>

Newman cited in Documentary '*Below the Waterlines*' on Hurricane Harvey:
<https://www.houstonpublicmedia.org/podcasts/below-the-waterlines/>

Newman Quoted in News Post US Zero:
<https://news.postuszero.com/local/amp/127664>

Newman quoted in *Environmental Health Perspectives*:
<https://ehp.niehs.nih.gov/doi/10.1289/ehp8391>

Newman named one of *Design Intelligence's Most Admired Educators*
<https://www.di-rankings.com/most-admired-educators-landscape-architecture/>

Newman featured in climate change news story on Fox News, "*As climate change poses an increasing risk, coastal cities rethink engineering to protect against storms:*"
https://www.fox17online.com/news/national/as-climate-change-poses-an-increasing-risk-costal-cities-rethink-engineering-to-protect-against-storms?fbclid=IwAR1X_JM9UxG5PKLZ9kipzyYK5j9Am_5zIITxl_6EKoNUrJGIGUL7xRIV8Ys

Texas A&M Superfund Community Engagement Core PI Newman enables local flood resilience through innovative land use plans
<https://superfund.tamu.edu/planning-prof-finds-reduced-flood-risk-in-alternate-land-use-plan/>

Newman's work shared by Co\$ting Nature software modeling company
<http://blog.policysupport.org/2021/01/nature-based-solutions-to-building.html>

Newman's NSF work on flooding discussed in *Research@ Texas A&M*
<https://research.tamu.edu/2020/10/27/best-response-to-flooding-initiative-looks-for-solutions-based-in-evidence/>

Newman's interview on effects of depopulation featured in documentary *This Town Won't Die*
<https://vimeo.com/ondemand/thistownwontdie>

Newman on "Turning Back the Tide on Flooding"

<https://today.tamu.edu/2020/10/13/turning-back-the-tide-of-flooding/>

ESRI publishes Newman's full presentation at the 2019 *Geodesign Summit*

https://www.youtube.com/watch?v=KSfVPnD6aGY&list=PLaPDDLTCmy4Z9z3rQF7b53i_CT2cnzwqb&index=35&fbclid=IwAR0ytAC2HaMEm7zWUwq_kJHf_QY_MjDFfAo5BO7XN8X6kd_HQhMtEbJD0TU

Newman's gives full Interview in *The Atlantic*

<https://www.theatlantic.com/business/archive/2016/07/rust-belt-survival/492155/>

Forbes Magazine quotes Newman on "The Recyclable Nature of Cities"

<https://www.forbes.com/sites/petesaunders1/2016/07/26/the-recyclable-nature-of-cities/#4698020a74b7>

Newman's work used to examine *President Trump's policies for rescuing the Rust Belt*

<http://theweek.com/articles/686314/president-trump-rescue-rust-belt>

Newman presents research on green infrastructure and public health to former First Lady Laura Bush

<https://www.tmc.edu/news/2019/02/former-first-lady-laura-bush-continues-legacy-of-promoting-nature-at-inaugural-symposium/>

Newman's work on green infrastructure discussed by the *National Institute of Environmental Health Sciences*

<https://www.niehs.nih.gov/research/supported/centers/srp/news/2019news/index.cfm>

Newman develops prediction tool to help depopulating cities

<https://www.aau.edu/research-scholarship/featured-research-topics/architecture-prof-develops-predictive-tool-help>

Newman helps develop Resilience Scorecard for *Department of Homeland Security* and the North Carolina Coastal Resilience Center

https://coastalresiliencecenter.unc.edu/wp-content/uploads/2018/07/BERKE_Yr_2.pdf

Newman's work referenced by the *National Academy of Sciences*

<https://www.pnas.org/content/115/19/4800.short>

Newman is interviewed in the *Carolina Planning Journal* about Hurricane Harvey

<https://carolinaangles.com/2018/10/30/hazard-mitigation-and-hurricane-harvey-reflections-on-a-conversation-with-dr-galen-newman/>

Newman gives full interview to the *Korean Research Institute for Human Settlements* about urban regeneration

<http://library.krihs.re.kr/upload/publication/publication1/0000082122.pdf>

Newman makes *Top 10 Stories of 2017*

https://www.dailyamerican.com/ourtownjohnstown/top-our-town-stories-of/article_4c6973b8-f22e-11e7-9386-6ff589816068.html

Our Town posts article about Newman's meeting in Johnstown, PA

https://www.dailyamerican.com/ourtownjohnstown/texas-researcher-takes-an-interest-in-johnstown/article_45fa0d26-77b8-11e7-91d7-97104f114779.html

Industrial Assets Management Council uses Newman's work on urban regeneration to develop strategy

<http://www.iamc.org/Portals/73/Documents/Roadmapforchange.pdf>

The Architects Newspaper writes article about Newman's Low Impact Design in Conroe, TX

<https://archpaper.com/2013/07/water-aggies/>

Division of Research created animated storyboard for Newman's award-winning research on urban decline

https://vpr.tamu.edu/initiate-research/arts-and-humanities-fellows/2015-fellows/galen-d-newman?_ga=2.94573464.52592239.1605874861-1969931228.1604349631&fbclid=IwAR3jeYrRWz5p51vp8zzbkDL45OTIh-q7TIIiyUf-5xn4gyPwtzNJ0HDRT4

KEYNOTES, PLENARY & EXTERNAL RESEARCH PRESENTATIONS/PANELS

Newman, G. "Design for the Un-developing Landscape" (Oct, 2022). RAC STUDIO, Shanghai, China, Virtual.

Newman, G. "An engagement-based, adaptive, and flexible green infrastructure toolkit for Galena Park, TX" (Oct, 2022). Climate Change and Health: Session I - Reducing Exposures and Promoting Resilience, CLU-IN/NIH.

Newman, G. "Digital and Virtual Applications for Urban Data Analytics and Geodesign" (June, 2022). Urban Artificial Intelligence Workshop, Texas A&M University.

Newman, G., Van Zandt, S., Ye, X., Lee, C., Jourdan, D., Lowrie, K., (2022, June). JPER Writing Workshop). Virtual.

Newman, G., & Lee, R.J. (Jan 21, 2022). Inventory of vacant land in America, Webinar: Techniques for Vacant and Underutilized Land Inventorying. The Centre for Heritage, Environment and Development (C-HED) of Kochi Corporation in

partnership with the Department of Real Estate and Planning, University of Reading, United Kingdom, and the SCMS School of Architecture, Karukutty, Kerala, India.

Mann, G., Lee, C. **Newman, G.** et al. (Oct 2021). "The Importance of Interdisciplinary Research" Architecture for Health Visiting Lecture Series. Texas A&M University, Virtual.

Newman, G. "Integrating Prediction and Performance Models into Scenario-based Resilient Community Design." University of Delaware Resilience by Design Speaker Series. Delaware Center for Horticulture. Virtual.

Newman, G., Van Zandt, S., Lei, W., Lee, C., Jourdan, D., Lowrie, K., (2021, Aug). JPER Writing Workshop). Virtual.

Newman, G., Masterson, J., Ghabir, N. (June 29, 2021) "Infrastructure Assessment Training: SEF Lab Rats Workshop.

Newman, G. (June, 2021) "Assessing the Impacts of Green Infrastructure Interventions on Multi-Risk Hazards across Underserved Communities in Houston, TX." National Institutes of Health Superfund Risk Communication Strategies to Reduce Exposures and Improve Health Workshop. Virtual.

Newman, G., Kaihaitu J. Chui, W. Sansom, G., Cuniff, S., Padilla, K., et al. (2021) "Priorities and places for nature-based solutions to reduce flood and chemical exposure risks in Galveston Bay." Environmental Defense Fund Stakeholder meeting, June 14, 2021.

Rusyn, I., Neumann, B., Sansom, G., Chui, W, & **Newman, G.** (2021, March 9 & 10). "Health, Equity and Action: Demystifying COVID-19 and Vaccinations." Engaged Panel.

Newman, G. (2020, Nov.). "Climate Change Armor: Design for Sea Level Rise in Coastal Texas" University of Delaware Coastal Connections Seminar, Virtual.

Newman, G., Van Zandt, S., Lei, W., Lee, C., Jourdan, D., Lowrie, K., (2020, Aug). JPER Writing Workshop). Virtual.

Newman, G. (Nov. 2019) "Using Landscape Performance Tools to Quantify the Economic and Hydrologic Impacts of Built Environment Change. Furr High School, TX. Environment Justice and Engagement Symposium

Newman, G. (Oct., 2019). "Integrating a Resilience Scorecard and Landscape Performance into a Geodesign Process." National Taiwan University.

Newman, G. (Feb., 2019). "Integrating a Resilience Scorecard and Landscape Performance into a Geodesign Process." ESRI Geodesign Summit, Redlands, CA.

Newman, G., Han, G., & Li, D. (Feb 13, 2019) "Developing a Tool for Measuring Landscape Performance on Public Health." Center for Health & Nature Symposium, Houston, TX.

Horney J., Rauscher E., & **Newman G.** (Jan., 2019) "How flooding from Hurricane Harvey potentially contaminated parks and impacted resident perceptions of environmental health and resilience." Boston University Superfund Research Program's Climate Change and Toxic Hazards Program, Webinar.

Newman, G. (June, 2018). "Design for Green Infrastructure and Low Impact Development." Kinder Institute for Urban Research, Rice University - Houston, TX

Newman, G., Vermeer, S., Mahmoud, H., Blake, L., Hamideh, S (July, 2018). *Equitable and Resilient Design: Past and Present Infrastructure Challenges*. Natural Hazards Center Workshop - Boulder Colorado.

Newman, G. (April, 2018) '*Visualizing Issues in Marginalized Neighborhoods.*' Houston, TX Superblock Symposium.

Masterson, J., **Newman, G.,** Horney, J., Gharibeh, N., Cooper, J., Sansom, G., Hoque, A. (April, 2018) '*Empowering learners through locally-defined research: How the Institute for Sustainable Communities is integrating teaching, research, and service.*' Transformational Teaching and Learning Conference, Texas A&M University

Newman, G. (April, 2018) '*Engaged Design and Planning for Marginalized Communities.*' Transformational Teaching and Learning Conference, Texas A&M University

Newman, G. (May. 2017) '*Repurposing Urban Vacancies: Cases from Shrinking and Growing Cities.*' Pusan National University of Korea, Landscape Architecture Program

Newman, G. (March. 2017) '*How Research Informs Resilient Design.*' University of Maryland Dept. of Plant Science and Landscape Architecture

Newman, G. (Feb. 2017) '*Climate Change Armor.*' Institute for Sustainable Communities, Texas A&M University

Newman, G. (Feb. 2016) '*Neighborhood Detox: From Vacant Land to Green Infrastructure.*' Institute for Sustainable Communities, Texas A&M University

Newman, G. (Apr. 2016) '*A Current Inventory of Vacant Land in Urban America.*' Clemson University

Newman, G., Perkl, R., Smith A. & Li, W. (Mar. 2015). *Applications of GeoDesign*. Manhattan, Kansas: Council of Educators in Landscape Architecture (CELA) Conference

Newman, G. & Bardenhagen, E. (Feb. 2014) *'Optimizing Resilience: Optimization and Application of Surge Protection Infrastructure.'* Texas A&M University-Galveston

Newman, G. & Bardenhagen, E. (Dec. 2013) *'Integral Resiliency: Merging Community, Landscape, and Surge Protection Infrastructure.'* Texas A&M University-Galveston

Newman G. Garden Club of America (Sept. 2013). *"Introduction to Urban Design."* Annual professional course on Landscape Design. College Station, TX

Newman, G. (Nov. 2013). *Regenerating Vacant Land.* Shrinking Cities | Expanding Landscapes Conference: Edinburgh, Scotland

Newman, G. (Nov. 2011). *Private Lands and Public Interests.* Social Science History Association Conference: Boston, MA

Newman, G. LeNotre Network of European Landscape Architecture (Sept. 2010). *"American Theory of Landscape Architecture: An Evolving Body of Knowledge"* International Webinar on Theory in Landscape Architecture: Estonian University of Life Sciences in Tartu, Kassel University of Germany, the University of Applied Sciences in Nürtingen, Germany, Wageningen University in the Netherlands

EXHIBITIONS + EVENTS

Newman, G., Masterson, J., Ghiaberal, N. (2021). Urban Infrastructure Conditions-Workshop on infrastructure assessment to high school teachers in Hidalgo County. Texas A&M Mentors Program.

Newman, G., Masterson, J., Ghiaberal, N. (2020). Urban Infrastructure Conditions-Workshop on infrastructure assessment to high school teachers in Hidalgo County. Texas A&M Mentors Program.

Principal Coordinator (2012, 2015). LAND F | X Lunch and Learn Seminar, Texas A&M University.

Exhibition (Spring 2012). *N.E.G.L.E.C.T.: Nonperforming Environments and Geographic Liminality in Expanding Civic Territories.* Wright Gallery, Texas A&M University

Principal Coordinator (Fall, 2011). LAND F | X Week, Texas A&M University

Coordinator and Instructor (2008, 2009, 2010). Adobe Photoshop Workshop, Clemson University

Delegate (2005). Representing Auburn University to Accept Student Team Award and Present Project, *"Macon County: A Comprehensive Regional Plan"*

Delegate (2003). Representing Auburn University to Present Project to Indianola, MS City Council and B.B. King for locating the *"B.B. King Blues Museum in Indianola, Mississippi"* and *"A Town Plan for Indianola, MS"*

Exhibition (2003). Robert Johnson Series. Dudley Hall Gallery, Auburn University

Exhibition (2002). Campus Wetland Generation-Student Member, Auburn University

ACADEMIC PUBLICATIONS

Newman, G (2010): *An Exogenous Approach to Circumventing Demolition by Neglect: The Impact of Agricultural Preservation on Rural Colonial Towns*. ProQuest/UMI Dissertation Publishing: Clemson University.

Newman, G (2006). *The Eidos of Landscape: A Township of Villages for Solebury Township in Bucks County, Pennsylvania*. Independent Thesis: Auburn University.

TEACHING EXPERIENCE (* indicates new course offering, + indicates major course redesign)

COURSES TAUGHT

TEXAS A&M UNIVERSITY

LAND 311: Landscape Design III + - Design Studio
(Fall 2015, 2016, 2017, 2018)

This course emphasizes design process, synthesis and design refinement, investigates problems to stimulate highly creative self-motivated results, and design thinking which integrates behavioral settings into natural and/or built landscape systems. Regional and community scaled designs are executed using a multitude of digital drawing methods.

LAND 240/630: History of Landscape Architecture I + - Large Lecture Format
(Fall 2012, 2013, 2014, 2015; Spring 2014, 2015, 2016)

This is a large lecture based course open to all students in the university and covers the history of landscape design, gardens, and urbanization from prehistory to the early 20th century. Ancient, Greek, Roman, Renaissance, Islamic, Asian, Northern European, and North American cultural imprints on the land are explored.

LAND 240/630: History of Landscape Architecture I online + - Online course
(Summer 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023; Spring 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023;
Fall 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023)

This is a large enrollment online based course open to all students in the university and covers the history of landscape design, gardens, and urbanization from prehistory to the early 20th century. Ancient, Greek, Roman, Renaissance, Islamic, Asian, Northern European, and North American cultural imprints on the land are explored.

URPN 460: Sustainable Communities + - Study Abroad Course
(Summer 2013)

This course focused on sustainable community design with field visits of sustainable communities in Germany and the reading and review of relevant literature on sustainability. Exercises based upon the topical weekly field trips on sustainable transportation, food/water/soil, energy, and industrial restoration reinforced the underlying principles of sustainable community evident in the design of German

cities and regions.

CARC 311: Field Studies in Design Communication ⁺ - Study Abroad Course
(Summer 2013)

This course emphasized design communication in international and domestic environments away from the Texas A&M University campus. Emphasis was placed on the tools, methods and techniques for design communication and the communication of ideas and discoveries during the study abroad experience.

URPN 493: Urban Design Capstone Studio ⁺ - Design Studio
(Spring, 2017, 2018, 2019, 2020)

An undergraduate level planning capstone studio focusing on GIS, land use arrangement, transportation systems, and green space networks based on site specific contemporary issues including natural systems, social, political, technological and economic influences on design.

LAND 602: Landscape Architectural Design Application ⁺ - Design Studio
(Spring 2013, 2016, 2017, 2018, 2019, 2020)

A graduate level studio focusing on design theory and its application, this class stresses the application of design concepts to site planning and site specific contemporary issues including natural systems, social, political, technological and economic influences on design.

LAND 603: Principles and Techniques of Land Development ⁺ - Design Studio
(Summer 2012)

A graduate level studio focusing on design process and sustainable community design strategies, this class stresses the rearrangement of natural and cultural systems based on solving key issues/problems within the landscape utilizing low impact development techniques based on reconnection, cultural and social evolution, watershed urbanism, ecological urbanism, and local economies

LAND 485/685: The Landscape of Neglect ^{*} - Directed Study
(Spring 2012)

This is a hybrid seminar/studio based class which assesses the history, formation, theory, policy, reuse, and redesign of vacant and abandoned urban land in American urbanization. Using Ft. Worth, TX as a case study site, spatial characteristics and causal factors are evaluated.

URPN 320: Digital Communications II ^{*} - Lecture/Lab Format
(Spring 2012, 2013)

An interdisciplinary class instructing landscape architects, planners, architects, and urban and regional sciences majors, this course is an advanced digital representation class which helps students generate a work flow using ArcGIS, AutoCAD, Land F | X, Adobe Creative Suites, and Google SketchUp Pro.

LAND 254: Visual Communication and Graphics ⁺ - Design Studio
(Fall 2011, 2012)

This is an introductory graphic studio which presents the various analog techniques of design drawing including plan, section, perspective, and isometric drawings and

uses pencil, pen, color pencil, and marker media to develop methods of communicating design drawings. Model building and design composition are also explored.

CLEMSON UNIVERSITY

LARCH 253/653: Advanced Community Design + - Design Studio
(Spring 2011)

This studio teaches the foundational attributes of creating community to both graduate and undergraduate students. Spatial arrangement, housing typologies, demographic relationships, community input, and the integration of natural systems are explored and resultant designs are generated.

HORT 461/661: Planting Design + - Lecture/Lab Format
(Spring 2011)

This class provides both graduate and undergraduate students new avenues for systems thinking in regards to planting arrangement and utility. The ecological, aesthetic, and functional characteristics of both native and non-native specimen are explored on a contextual and site specific scale and used to facilitate a street tree master plan and a design scheme which restores an ecological habitat from an existing brownfield site.

LARCH 552: Landscape Architecture Exit Studio - Design Studio
(Fall 2010)

This studio is a mixture of projects and serves as a capstone project for students expecting to graduate in the Bachelor's program. Student selected professional level exit projects including design build project or substantive research projects are carried out. The exit studio synthesizes and builds on skills developed throughout the landscape architecture program and also provides opportunities for students to inquire into areas of interest not otherwise covered based on their own interests.

LARCH 428/890: Computer Aided Design - Lecture/Lab Format
(Fall 2010)

This class teaches the basic and intermediate skills of design programs such as Google SketchUp, AutoCAD, and Adobe Photoshop to students and introduces them to the combinational approach to these software packages and the potential they have in visualizing design and planning schematics.

LARCH 252: Site Design in Landscape Architecture - Design Studio
(Spring 2009)

A site specific scaled design studio in which students assess the contextual and local conditions of a relatively small site and generate creative design schemes based on the qualities of the surrounding landscape. Material qualities and details of these designs are given focus. Also included are participatory and social behavioral aspects of design as well as readings and seminar discussions.

CLEMSON UNIVERSITY – GRADUATE INSTRUCTOR OF RECORD

LARCH 552: Landscape Architecture Exit Studio - Design Studio
(Spring 2008)

This studio is a mixture of projects and serves as a capstone project for students expecting to graduate in the Bachelor's program. Student selected professional level exit projects including design build project or substantive research projects are carried out. The exit studio synthesizes and builds on skills developed throughout the landscape architecture program and also provides opportunities for students to inquire into areas of interest not otherwise covered based on their own interests.

LARCH 651: Regional Design and Ecology - Design Studio
(Fall 2007, 2008, 2009)

A graduate based studio which studies and analyzes natural and cultural landscapes at the regional scale, this studio is an introduction of landscape ecology as a primary informant to large scale design. A basic overview of Geographic Information Systems (GIS) is covered and design systems emerge from suitability analyses and other creative assessment techniques.

LARCH 262: Design Implementation I - Design Studio
(Spring 2008)

The fundamentals of landscape architecture construction, methods, and construction documents including site information gathering and analysis, basic site grading and drainage, cut and fill, and principles of storm water management are covered within this class. Explorations in hand and computer graphic techniques, specifically AutoCAD, and other programs used in construction drawings are also taught.

AUBURN UNIVERSITY – GRADUATE TEACHING INSTRUCTOR

LA690: Ecology of the Canadian Shield - Seminar
(Summer 2005)

A seminar-based class exploring the importance of ecological processes within the Canadian Shield in Ontario, Canada and the human impact on natural systems. Alternative strategies to soften this impact are brainstormed based through weekly assigned readings. Deep ecology and ecological theory are explored concluding with a two-week wilderness excursion to the study site.

MENTORING

Junior Faculty Mentoring:

- Yang Song (2020-2023)
- Sierra Woodruff (2018-2021)
- Dongying Li (2018-2023)
- Michelle Meyer (2018-2022)
- Hope Rising (2018-2022)

Student Group Mentoring:

- Faculty Advisor – Undergraduate Association of Student Planners, Texas A&M University, 2017
- 2nd Year Bachelor of Landscape Architecture Program Mentor. Texas A&M University, 2016-2-22
- Mentor – Academy for Future Faculty (AFF) for Yiwei Lu, 2017
- 3rd Year Bachelor of Landscape Architecture Program Mentor. Texas A&M University, 2015-2016
- PhD Mentor for Donghwan Gu, Urban and Regional Sciences, Texas A&M University, 2015-present
- National Science Foundation (NSF) Research Experiences for Undergraduates (REU) Mentor for Kayla Leal, ‘Sea Level Rise and Social Vulnerability of Galveston County.’ Summer Institute, 2015, 2016, 2017
- PhD Co-Mentor for Huaqing Wang, Urban and Regional Sciences, Texas A&M University, 2014-2017
- 4th Year Bachelor of Landscape Architecture Program Co-Mentor. Texas A&M University, 2012-2015
- Texas A&M University Undergraduate Mentor, Sarah Garcia, 2012-2013

STUDENT COMMITTEES

<i>Student</i>	<i>Role</i>	<i>Grad. Date</i>	<i>University</i>	<i>Program</i>
Ph.D. LEVEL				
Ren, Dingding	Chair	----	TAMU	Urban & Regional Sciences
Tao, Zhihan	Chair	Sum. 2023	TAMU	Urban & Regional Sciences
Rui, Zhu	Chair	Sum. 2023	TAMU	Urban & Regional Sciences
Gu, Donghwan	Chair	Spring 2020	TAMU	Urban & Regional Sciences
Bae, Jinhyun	Chair	----	TAMU	Urban & Regional Sciences
Cai, Zhenhang	Chair	----	TAMU	Urban & Regional Sciences
Jang, Seonju	Co-Chair	----	TAMU	Urban & Regional Sciences
Diaz, Nicholas	Member	----	TAMU-G	Marine Sciences
Ding, Yizen	Member	----	TAMU	Urban & Regional Sciences
Lin, Weiyang	Member	----	TAMU	Geography
Rainey, Jayton	Member	Spring 2021	TAMU-G	Urban & Regional Sciences
Abedin, Joyal	Member	----	TAMU	Geography
Diaz, Nicholas	Member	----	TAMU-G	Marine Sciences
Carter, Shawn	Member	----	TAMU-G	Marine Sciences
Lennox, Judanne	Member	----	TAMU	Urban & Regional Sciences
Lee, Jessica	Member	----	TAMU	Urban & Regional Sciences
Lee, Ryun Jung	Chair	Spring 2018	TAMU	Urban & Regional Sciences
Kim, You-Jung	Chair	Spring 2019	TAMU	Urban & Regional Sciences
Kim, Boah	Co-Chair	Sum. 2016	TAMU	Urban & Regional Sciences
Lee, Jaekyung	Chair	Spring 2017	TAMU	Urban & Regional Sciences

Wang, Huaqing	Co-Chair	Sum. 2021	TAMU	Urban & Regional Sciences
Kirsch, Katie	Member	Sum. 2020	TAMU	Public Health
Lee, Jessica	Member	Spring 2020	TAMU	Urban & Regional Sciences
Lee, Kanghyun	Member	Spring 2020	TAMU	Urban & Regional Sciences
Chen, Wenwen	Member	Spring 2020	TAMU	Urban & Regional Sciences
Seong, Kijin	Member	Spring 2020	TAMU	Urban & Regional Sciences
Tran, Tho	Member	Spring 2022	TAMU	Urban & Regional Sciences
McLane, Heather	Member	----	TAMU-G	Marine Sciences
Yu, Siyu	Member	Fall 2019	TAMU	Urban & Regional Sciences
Choi, Myungshik	Member	May 2015	TAMU	Urban & Regional Sciences
Le, Trang	Member	May 2023	TAMU	Recreation Parks and Tourism Sciences
Lee, Jae Ho	Member	Spring 2018	TAMU	Recreation Parks and Tourism Sciences

MASTER LEVEL

Martin, Guerra	Chair	----	TAMU	MLA
Yelle, Haley	Member	----	TAMU	MLA
Ching, Yu-Shen	Chair	Spring 2023	TAMU	MLA
Zheng, Zheng	Chair	Spring 2023	TAMU	MLA
Manvithaa, Ravi	Member	Spring 2023	TAMU	MARCH
Alhalbouni, Tariq	Member	Fall 2022	TAMU	M-Science
Peng, Jingxi	Chair	Spring 2022	TAMU	MLA
Wang, Tianyi	Chair	Spring 2022	TAMU	MLA
Prybutok, Sarah	Member	Spring 2022	TAMU	MUP
Alvarez, Samuel	Member	Spring 2022	TAMU	MLA
Burke, Logan	Member	Spring 2022	TAMU	MARCH
Garner, Austin	Member	Spring 2022	TAMU	MARCH
Thomas, Matthew	Member	Fall 2021	TAMU	MLPD
Heather McLane	Member	Summer 2021	TAMU-G	MARM
Yu, Seu	Member	Spring 2021	TAMU	MLA
Lyu, Wuqi	Chair	Spring 2021	TAMU	MLA
Cai, Zhenhang	Chair	Spring 2021	TAMU	MLA
Zhai, Yanzi	Chair	Spring 2020	TAMU	MLA
Li, Haoting	Chair	Spring 2020	TAMU	MLA
Southard, Andrew	Member	Spring 2020	TAMU	MLPD
Osborne, Morgan	Member	Spring 2020	TAMU	MLA
Mehta, Salonnee	Member	Spring 2020	TAMU	MLA
Liu, Jiali	Chair	Spring 2020	TAMU	MLA
Joshi, Karishma	Chair	Spring 2020	TAMU	MLA
Zhu, Qingshuang	Chair	Spring 2020	TAMU	MUP

Thayer, Tyler	Member	Spring 2020	TAMU	MARCH
Rodrigues, Paul	Member	Spring 2020	TAMU	MARCH
Field, Haley	Member	Spring 2020	TAMU	MARCH
McMahan, Joshua	Member	Spring 2020	TAMU	MARCH
Yao, Zhen	Chair	Aug. 2019	TAMU	MLA
Pu, Chenxia	Chair	Aug. 2019	TAMU	MLA
Qu, Anyi	Chair	Aug. 2019	TAMU	MLA
Shi, Tianqi	Chair	Aug. 2019	TAMU	MLA
Yu, Shen Yu	Member	Aug. 2019	TAMU	MLA
Xue, Helen	Member	Aug. 2019	TAMU	MLA
Owens, Felicity	Member	Aug. 2019	TAMU	MUP
Lebeda, Logan	Member	Aug. 2019	TAMU	MARCH
Lazor, Devin	Member	Aug. 2019	TAMU	MARCH
Bennett, Madison	Member	Aug. 2019	TAMU	MARCH
Ren, DingDing	Chair	Aug. 2018	TAMU	MLA
Zhu, Rui	Chair	May 2018	TAMU	MLA
Liu, Yao	Chair	May 2018	TAMU	MLA
Song, Xueqi	Chair	May 2018	TAMU	MLA
Tao, Zhihan	Co-Chair	May 2018	TAMU	MLA
Forghanparast, Kaveh	Chair	May 2018	TAMU	MUP
Gilliam, Meaghan	Member	May 2018	TAMU	MARCH
Brown, Hillary	Member	May 2018	TAMU	MARCH
Van Pelt, Madison	Member	May 2018	TAMU	MARCH
Zhang, Yiwen	Member	May 2018	TAMU	MARCH
Lanza, Tristan	Member	May 2018	TAMU	MUP
Thiagarajan, Manasvini	Member	May 2018	TAMU	MUP
Abbasgholipour, Aina	Member	May 2018	TAMU	MSENG
Xie, Mindong	Chair	May 2017	TAMU	MLA
Jin, Xiao	Chair	May 2017	TAMU	MLA
Qiao, Zixu	Chair	May 2017	TAMU	MLA
Musharrat, Saima	Chair	May 2017	TAMU	MUP
Zhu, Xin	Member	May 2017	TAMU	MLA
Zhang, Yiman	Member	May 2017	TAMU	MLA
Raza, Fathima	Member	May 2017	TAMU	MUP
Sathaye, Vrushali	Member	May 2017	TAMU	MUP
Smoot, Amber	Member	Aug. 2017	TAMU	MARCH
Sybico, Nathanielle	Member	May 2017	TAMU	MARCH
Wang, Yangdi	Chair	May 2016	TAMU	MLA
Li, Qiushou	Chair	May 2016	TAMU	MLA

Li, Yuxian	Chair	May 2016	TAMU	MLA
Shakra, Vera Abou	Co-Chair	May 2016	TAMU	MUP
Feng, Heijing	Member	May 2016	TAMU	MLA
Lyu, Tiantian	Member	May 2016	TAMU	MLA
Liu, Jixing	Member	May 2016	TAMU	MLA
Lu, Jingwen	Member	May 2016	TAMU	MLA
Raabe, Kendall	Member	May 2016	TAMU	MLA
Sim, Minkeun	Member	May 2016	TAMU	MARCH
Reja, Yousuf	Member	May 2016	TAMU	MUP
Zhang, Yixun	Chair	May 2015	TAMU	MLA
Guo, Ruisi	Chair	May 2015	TAMU	MLA
Su, Xiaotian	Chair	May 2015	TAMU	MLA
Gu, Donghwan	Chair	May 2015	TAMU	MUP
Yu, Zhixing	Member	May 2015	TAMU	MLA
Ning, Siman	Member	May 2015	TAMU	MLA
Li, Zhihuang	Member	May 2015	TAMU	MLA
Pugh, Derrick	Member	May 2015	TAMU	MLPD
Panah, Sepeedeh	Member	Aug. 2015	TAMU	MUP and MARCH
Ham, Tom	Member	May 2015	TAMU	MARCH
Svoboda, Kasi	Member	May 2015	TAMU	MARCH
Rojas, Celso	Member	May 2015	TAMU	MARCH
Xia, Lu	Chair	May 2014	TAMU	MLA
Lee, Joomee	Co-Chair	May 2014	TAMU	MLA
Ren, Yuan	Member	May 2014	TAMU	MLA
Lei, Jing	Member	May 2014	TAMU	MLA
Goris, Leigh	Member	May 2014	TAMU	MARCH
Wang, Yue	Member	May 2014	TAMU	MARCH
Patel, Avi	Member	May 2014	TAMU	MARCH
Johnston, Ashley	Member	May 2014	TAMU	MARCH
Slater, Jeffrey	Chair	May 2013	TAMU	MLA
Qian Wan	Member	May 2013	TAMU	MLA
Rice, Trey	Member	May 2013	TAMU	MARCH
Winkleman, Eric	Member	May 2013	TAMU	MARCH
Shi, Dizi	Chair	May 2012	TAMU	MLA
Tominaga, Yosuke	Member	May 2012	TAMU	MLA
Kedar, Prajaka	Member	May 2012	TAMU	MLA
Piasik, John	Member	Dec 2012	Clemson	MLA

BACHELOR LEVEL

Ryan, Derrick	Chair	May 2010	Clemson	BLA
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Dorn, Stephen	Chair	May 2010	Clemson	BLA
Glass, Chris	Chair	May 2010	Clemson	BLA
Chesnut, Blair	Chair	May 2010	Clemson	BLA
Newsome, Nate	Chair	May 2010	Clemson	BLA
Patrick, Brooks	Chair	May 2010	Clemson	BLA
Wyatt, Jessie	Chair	May 2010	Clemson	BLA
Purpura, Leslee	Chair	May 2009	Clemson	BLA
Barr, Liz	Member	May 2009	Clemson	BLA
Barcelos, Mike	Member	May 2009	Clemson	BLA
Leckie, Michael	Member	May 2009	Clemson	BLA

INVITED INTERNAL GUEST LECTURES

LAND 101 - Introduction to Landscape Architecture Practice (Oct., 2022, Feb., 2022, Sept, 2020, April 2020, Oct., 2019, Oct, 2018, Nov. 2017, Feb. 2017, Nov. 2016, Feb. 2015, Oct. 2014, Feb. 2014, Oct. 2013, Mar. 2013, Oct. 2012). *"Urban Regeneration: Designing Vacant and Abandoned Space."* Texas A&M University

URSC 681 - PhD Seminar (Nov. 2020, 2021, 2022). *"Approaches to Evaluating and Predicting for Vacant Land Uses."* Texas A&M University

Natural | Built | Virtual - LAUP Research Symposium (September 2020). *"Developing a Virtual Study Abroad VR Based Model."* Texas A&M University

Natural | Built | Virtual - LAUP Research Symposium (October 2019). *"Integrating a Resilience Scorecard and Landscape Performance into a Geodesign Process."* Texas A&M University

LAND 640 - Research Methods (Apr. 2019). *"Landscape Performance: The Costs and Benefits of Green Infrastructure."* Texas A&M University

PLAN 698 - Neighborhood Revitalization (Feb. 2019) *"Design for Decline: Cases for Growing and Shrinking Cities."* Texas A&M University

URSC 681 - PhD Seminar (Nov. 2017). *"Analytical Approaches to Evaluating and Predicting for Vacant Land Uses."* Texas A&M University

PSAA 601 - Foundations of Public Service (Nov. 2016). *"Design and Planning for Increasing Community Resiliency and Lowering Vulnerability to Flooding and Sea Level Rise."* Texas A&M University

URSC 681 - Seminar (Nov. 2016). *"Preparing for Life in Academia: The PhD Experience."* Texas A&M University

URPN 483 - Studio in Urban and Regional Science (Nov. 2015). *"7 Rules of Sustainable Urban Design."* Texas A&M University

ARCH 446 – Introduction to Historic Preservation (Oct. 2019, Oct. 2018, Nov. 2017, Nov. 2016, Nov. 2015, Oct. 2014, Oct. 2013). *“Landscape Preservation.”* Texas A&M University

Natural | Built | Virtual – LAUP Research Symposium (October 2015). *“The Ike Dike: Design Strategies for Integrating Surge Protection Infrastructure and Resilient Communities.”* Texas A&M University

Natural | Built | Virtual – LAUP Research Symposium (October 2014). *“Development of an Interactive Web-frastructure: LAND240 History of Landscape Architecture I.”* Texas A&M University

LAND 602 – Design Theory Application (Jan. 2014). *“Introduction to GeoDesign”* Texas A&M University

Natural | Built | Virtual – LAUP Research Symposium (October 2013). *“Beyond Alternatives: A Framework for Conducting Service Learning projects in Design Studios.”* Texas A&M University

LAND 643 – Landscape Theory (Sept. 2013). *“Regenerating Vacant Land.”* Texas A&M University

PLAN 602 – Planning Methods I (March 2013). *“7 Rules for Sustainable Urban Design.”* Texas A&M University

LAND 321 – Landscape Design IV: Community Design (February 2013). *“From Derelict to Community.”* Texas A&M University

LAND 601 – MLA Research Symposium (February 2013). *“Design is Research: Research is Design.”* Texas A&M University

PLAN 601 – Introduction to Planning (October 2012). *“Introduction to Interdisciplinary Research.”* Texas A&M University

LAND 200 – Introduction to Landscape Architecture Practice (October 2012). *“The Productive Value of Non-Productive Space.”* Texas A&M University

LAND 640 – Research Methods (Sept. 2012). *“Research Methods and Representation.”*

Natural | Built | Virtual – LAUP Research Symposium (November 2011). *“Re-visiting Demolition by Neglect: Passive Preservation through Growth Management,”* Texas A&M University

PLAN 601 – Introduction to Planning (October 2011). *“The Formation and Reuse of Urban Wastelands.”* Texas A&M University

Natural | Built | Virtual – LAUP Research Symposium (November 2012). *“Urban Shrapnel: Theories and Measurements of Waste Landscapes.”* Texas A&M University

URSC 618 – Interdisciplinary Seminar for PhD Students: (September 2011). *“Bridging Landscape Architecture and Urban Planning.”* Texas A&M University

EDP812 – PhD Colloquium (May. 2009). *“An Exogenous Approach to Circumventing Demolition by Neglect: The Impact of Agricultural Preservation on Rural Colonial Towns,”*

Clemson University

EDP812 – PhD Colloquium (Apr. 2008). *“Preserving Lands, Conserving Heritage,”*
Clemson University

TEACHING & ADMINISTRATIVE IMPROVEMENT ACTIVITIES

“What University Leaders Need to Know About AI” (Spring 2022). Texas A&M University Department Head Development Series.

“Dual Career Leadership Lunch and Learn” (Fall 2022). Texas A&M University Dean of Faculties.

“Cultivating Major Donors: What’s Working Now” (Fall 2022). The Chronicle of Philanthropy.

“Leading and Influencing as a Department Chair Bootcamp” (Summer 2022). Academic Impressions

“Leading a Mentoring Culture” (Fall 2021-Spring 2022). Texas A&M University Dean of Faculties

“Building Student-Centered Graduate and Professional Education in Departments and Programs” (Fall Spring 2022). Department Head Development Series. Texas A&M University Dean of Faculties

“Implementing the Path Forward: A Panel Discussion with Leadership” (Spring 2022 2021). Department Head Development Series. Texas A&M University Dean of Faculties

“Leading Change and Planning for Uncertainty in Academic Programs” (Fall 2021). Department Head Development Series. Texas A&M University Dean of Faculties

“Center for Teaching Excellence Department and Faculty Support Showcase” (Fall 2021). Department Head Development Series. Texas A&M University Dean of Faculties

“Faculty Rules 101: Grievances” (Fall 2021). Department Head Development Series. Texas A&M University Dean of Faculties.

“Establish an Effective and Inclusive Departmental Approach to Faculty Awards” (Fall 2021). Department Head Development Series. Texas A&M University Dean of Faculties.

“Strategies and Tactics for Recruiting to Improving Diversity and Excellence (STRIDE) Training.” (Fall 2020) Office of the Dean of Faculties. Texas A&M University

“NIH Specific Aims Workshop.” (Summer 2020). National Institutes of Health.

“Increasing Diversity in the Hiring Process.” (Spring 2019). Office of the Dean of Faculties. Texas A&M University

“Student Success Initiative Open Forum.” (Fall 2018). Office of the Dean of Faculties. Texas A&M University

“Principles and Practices of Inclusive Pedagogy: The Many Dimensions of Diversity in Teaching.” (Spring 2018). Center for Teaching Excellence. Texas A&M University.

“Evidence for Action: Investigator-Initiated Research to Build a Culture of Health.” (Spring 2018). Workshop on Building Evidence to Make Shared Values, Robert Wood Johnson Foundation

“Feel free to use your Phone in Class” (Spring 2018). Workshop on student learning. Center for Teaching Excellence. Texas A&M University.

“How Students Learn and why they are Confused” (Spring 2018). Workshop on student learning. Center for Teaching Excellence. Texas A&M University.

“Search Committee Training” (Fall 2017). Office of the Dean of Faculties. Texas A&M University

“Undergraduate Services Think Tank: Student Success” (Fall 2017). Discussions and workshops on strategies to increase student success. Texas A&M University

“Adapting Urban Vacant Land to Mitigate Hazards” (Spring 2014). Webinar from the Planning Information Exchange (PIE) steering committee of the American Planning Association

“Writing & Designing NSF Proposals Workshop: Writing Winning Grants for NSF” (Spring, 2014). The Grant Training Center, Houston, TX

“STATA Time Series Analysis Workshop” (Spring, 2013). Hazard Reduction and Recovery Center – Texas A&M University

“Building Courses in eCampus, Online Course” (Spring, 2013). Instructional Technology Services – Texas A&M University

“Getting Started with eCampus Webinar” (Spring, 2013). Instructional Technology Services – Texas A&M University

“Intro to eCampus Webinar” (Spring, 2013). Instructional Technology Services – Texas A&M University

Coursera “Gamification” MOOC generation course for merging online gaming into the classroom, (Spring, 2013) – Texas A&M University

“Flipping Your Course” Institute for Online Courses (Spring, 2013) – Texas A&M University

Program for Enhancing Scholarly and Creative Activities Grant Writing Workshop (Spring, 2012) - Texas A&M University

Center for Teaching Excellence Certificate (2011 - 2012). Completed the Requirements for the Faculty Teaching Academy - Texas A&M University

Presenting Data and Information Visualization Workshop (Spring, 2012). Edward Tuft- Houston, TX

Adobe Photoshop CS5 Photo Adjustments and Photo Corrections Course (Spring, 2012) - Texas A&M University

Adobe Photoshop CS5 Essentials Course (Spring, 2012) - Texas A&M University

Program to Enhance Scholarly and Creative Activities (Fall, 2011). Grant Writing Workshop Participant - Texas A&M University

Adobe InDesign CS5 Essentials Course (Fall, 2011) - Texas A&M University: Employee and Organizational Development

Adobe Photoshop CS5: Advanced Masking and Layering Course (Fall, 2011) - Texas A&M University: Employee and Organizational Development

Adobe Illustrator CS5 Advanced Course (Fall, 2011) - Texas A&M University: Employee and Organizational Development

Adobe Illustrator CS5 Essentials Course (Fall, 2009) - Clemson University: Employee Instructional Training

Advanced Photoshop Perspective Webinar (Fall, 2009) - Land 8 Lounge: Bradley Cantrell, Instructor

AWARDS, HONORS, & FELLOWSHIPS

PERSONAL AWARDS

2023 EDRA Great Places Award for Books: "Top 3". Environmental Design Research Association Book Award for *Landscape Architecture for Sea Level Rise: Innovative Global Solutions* (with Qiao, Z.).

2023 CELA President's Award. Council of Educators in Landscape Architecture, Recognizes the contributions of an individual for the advancement of the profession of landscape architecture through their participation in CELA.

2023 TX-ASLA Honor Award in Research. American Society of Landscape Architects, Texas Chapter, Professional Research Award for *Landscape Architecture for Sea Level Rise: Innovative Global Solutions*.

2022 EDRA CORE Award, " Environmental Design and Research Association Certificate of Research Excellence for '*Integrating Prediction and Performance Models into Scenario-Based Resilient Community Design*'. Newman, G. Joshi, K., & Lyu, J.

2022, April, Top 10 Cited Article in last 3 years, *Journal of Urban Design* for article entitled "A Current Inventory of Vacant Land in Urban America."

2021 AFS COA Teaching Award, Association of Former Students of Texas A&M University Distinguished Achievement Award at the College Level for Teaching.

2020 Presidential Impact Fellow, Texas A&M University
<https://provost.tamu.edu/Menu/News/Texas-A-M-University-Announces-2020-Presidential-I>

2020 COA Mentorship Award, College of Architecture, Texas A&M University.

2020 EDRA CORE Award," Environmental Design and Research Association Certificate of Research Excellence for *'The Economics of Repurposing Vacant Land with Green Infrastructure*. Newman, G. Zhu, R., Ren, D., Li, D., Horney, J., Kirsch, K. Sansom, G., White, C.

2020 EDRA CORE Award," Environmental Design and Research Association Certificate of Research Excellence for *'Integrating a Resilience Scorecard and Landscape Performance into a Geodesign Process*. Newman, G. Qiao, Z., Malecha, M., Yu, S., Horney, J., Lee, J., Kim, Y., Lee, R., Berke, P.

2020 "Influential Faculty for Veteran Success", Texas A&M University Veteran Resource and Support Center.

2020 NIH "Poster Award", National Institutes of Health Superfund Conference, for "Comparing Regional Drivers of Toxic Transferal Risk: Applying the Toxics Mobility Vulnerability Index (TMVI) in California, Texas, and Rhode Island." Malecha, M., Newman, G., Horney, J., Karaye, I., Frickel, S., Marlow, T., Zaslavsky, I., Pezzoli, K. (Dec., 2020). National Institutes of Environmental Health Sciences Superfund Annual Conference, Virtual

2019 "Regan Interdisciplinary Faculty Research Award", College of Architecture, Texas A&M University.

2019-2020 Design Intelligence "Most Admired Educator"

Nicole and Kevin Youngblood Professorship in Residential Land Development, Texas A&M University College of Architecture, 2019-present.

2019 TX-ASLA "Merit Award for Research", American Society of Landscape Architects, Texas Chapter, Research Award for *A Prediction Model for Forecasting Vacant and Declining Landscapes*

2018 Student Success Faculty Fellow, Center for Teaching Excellence Competitive Award, University Level, Texas A&M University

2017 CELA 'Excellence in Research and Creative Scholarship Award (Junior Level)," National research award, Council of Educators in Landscape Architecture

2017 “Outstanding Mentor Award,” Department of Landscape Architecture and Urban Planning, College of Architecture, Texas A&M University.

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

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)

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.**

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

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.

2015 TAMU Inaugural Arts & Humanities Fellow, Texas A&M University

2013-2014 TAMU Service-Learning Faculty Fellow, Texas A&M University

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.

2013 Flipping Your Course Institute, Texas A&M University

2013 ESRI “Lightning Talk Award” Environmental Systems Research Institute GeoDesign Summit, Redlands, CA

2012 Center for Teaching Excellence Certificate, Faculty Teaching Academy, Texas A&M University

2006 Thesis Book Award (Best Thesis), Auburn University

2006 Student Team Award, for “*Macon County Comprehensive Plan*,” American Planning Association

2005 - 2006 Sigma Lambda Alpha Honor Society for the Applied Arts, Auburn University

2004 Don Logan Southern Progress Endowed Scholarship, Auburn University

AWARDS WITH STUDENTS

NATIONAL:

2020 National ASLA “Honor Award: Analysis and Planning Category.” Faculty Advisor for Student Design Project, American Society of Landscape Architects, “*Tenacity - Integrating Sea level rise and Urban Growth Prediction Modelling in Design Scenarios in Tampa, FL.*” Students: Karishma Joshi and Jiali Li
<https://www.asla.org/2020studentawards/1185.html>

2020 National ASLA “Honor Award: Research Category.” Faculty Advisor for Student Design Project, American Society of Landscape Architects, “*Resilience through regeneration: The economics of repurposing vacant land with green infrastructure.*” Students: Rui Zhu, Dingding Ren, Yangdi Wang, and Xueqi Song
<https://www.asla.org/2020studentawards/1234.html>

2019 MCL “Final Jury Selection.” Making Cities Liveable Design Competition, Portland, Oregon.

2018 CELA “Student Award for Creative Scholarship.” Faculty Advisor and Nominee for Student Design, Council of Educators in Landscape Architecture, “*Climate Change Armor.*” Student: Zixu Qiao

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>

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>

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>

STATE LEVEL:

2023 TX-ASLA “Merit Award” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Adaptive Stormbox – Flexible Green Infrastructure Assemblage Units for Galena Park, TX.*” Planning and Analysis Category. Graduate. Students: Rui Zhu and Tianyi Wang.

2022 TX-ASLA “Award of Excellence” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Evaluation of Galveston Dike Performance in Multiple Storm Scenarios.*” Research Category. Graduate. Student: Zhenhang Cai.

2022 TX-ASLA “Merit Award” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Pipe Dream: An Adaptive Green Infrastructure Model.*” Urban Design Category. Graduate. Student: Tianyi Wang

2021 DE-ASLA “Merit Award” Co-Faculty Advisor for Student Design (w/Jane Winslow). American Society of Landscape Architects, Delaware Chapter (DE-ASLA). “*Reinstituting the Brandywine Style.*” General Design Category. Graduate. Student Team: Zhenhang Cai, Wuqi Lyu, DJ Bromley, & Emma Ruggiero.

2021 TX-ASLA “Award of Excellence” Co-Faculty Advisor for Student Design (w/Dongying Li). American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Serape.*” Urban Design Category. Graduate. Student: Yue Zhang.

2021 TX-ASLA “Merit Award” Co-Faculty Advisor for Student Design (w/Jane Winslow). American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Reinstituting the Brandywine Style.*” General Design Category. Graduate. Student Team: Zhenhang Cai & Wuqi Lyu.

2020 TX-ASLA “Award of Excellence” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*Revitalize Rescue: Addressing Vacancy with Smart Decline Techniques.*” Analysis and Planning Category. Graduate. Student Team: Aubrey Hemphill, Dacota Fernandez, Yue Zhang, Wuqi Lyu, Julio Villalobos-Torres.

2020 TX-ASLA “Merit Award” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). “*‘Tena’City: Combating Sea Level Rise in Tampa Florida*” Analysis and Planning Category. Graduate. Student Team: Karishma Joshi & Jilali Liu.

2019 “APA, PA Merit Award.” Faculty Advisor for Student Design. American Planning Association, Pennsylvania Chapter (APA, PA). “*Johnstown: Addressing the Consequences of Depopulation with Smart Decline Techniques.*” Student Planning Category. Student Team: Aubrey Hemphill, Dacota Fernandez, Yue Zhang, Wuqi Lyu, Julio Villalobos-Torres.

2019 “TX-ASLA Honor Award,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). *“40N Latitude: A Framework of Urban Shrinkage.”* Planning and Analysis Category, Graduate. Student Team: Anyi Qu & Chenxia Pu

2019 “TX-ASLA Merit Award,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). *“Wasted Potential.”* Planning and Analysis Category, Graduate. Student Team: Shiyang Shen, Jiali Liu, Junzhu Liang, Jiawei Ling

2019 “TX-ASLA Merit Award,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). *“Blue Voids.”* General Design Category, Graduate. Student Team: Chenju Su, Cjemxia Pu, Zin Zu, Trevor Maciejewski

2018 “TX-ASLA Award of Excellence,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). *“Resilience through Regeneration.”* Planning and Analysis Category, Graduate. Student Team: Xueqi Song & Rui Zhu

2018 “TX-ASLA Honor Award,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). *“Protecting Home: Strategies to Prevent Gentrification.”* Planning and Analysis Category, Undergraduate. Student Team: Damaris Martinez, Catalino Diaz, Eun Taek Yoon, Antoni Kwiatkowski, and Natalie Somerville

2018 “TX-ASLA Honor Award,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). *“Wetland P.R.I.D.E.”* General Design Category, Graduate. Student Team: Lingshuang Meng, Shen-Yu Hu, & Priya Katoch

2018 “TX-ASLA Merit Award,” Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). *“The R.A.I.N. Lab.”* General Design Category, Graduate. Student Team: Carolina Pena Rojas, Xinyi Bu, Yaxuan Han

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

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

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

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

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.

2017 "TX-ASLA Honor Award," Faculty Advisor for Student Design. American Society of Landscape Architects, Texas Chapter (TX-ASLA). Planning and Analysis Category, Undergraduate. "*Re.S.T.O.R.E..*" Student Team: Alaina Parker, Molly Morkovsky, Phillip Hammond, Maritza Sanchez, & Claudia Pool

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

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

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

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

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

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.

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

2013 “TX-ASLA Honor Award,” Faculty Co-Advisor for Student Design, American Society of Landscape Architects, Texas Chapter (TX-ASLA). *“Design with Metrics: An Urban Conservation Development.”* Student Team: Xianpeng Liu, Pengzhi Li, Xinan Zhong, Ao Shi, Joomee Lee.

REGIONAL, UNIVERSITY, AND COLLEGE LEVEL:

2019 “Gulf Coast Green Design Competition, 3rd Place,” Faculty Advisor for Resiliency Strategy Plan that submitted to the 100 Resilient Cities Network for the Gulf Coast. Student: Rui Zhu

2018 H-GAC “Our Great Region Opportunity Award,” Faculty Advisor for Community Design Project. Presented by the Houston-Galveston Area Council. *Resilience through Regeneration.* Student Team: Rui Zhu and Xueqi Song.

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

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.

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

SERVICE ACTIVITIES

**ORGANIZATION
ROLES**

PROFESSIONAL SERVICE

Past President, Council of Educators in Landscape Architecture (CELA), 2022-2023

President, Council of Educators in Landscape Architecture (CELA), 2021-2022

First Vice President and President Elect, Council of Educators in Landscape Architecture (CELA), 2020-2021

Vice President of Research and Creative Scholarship Council of Educators in Landscape Architecture (CELA), 2018-2020

Co-chair (with Merrill, J.), Landscape Planning and Ecology Track, Council of Educators in Landscape Architecture (CELA), 2016-2018

Chair, Landscape Planning and Ecology Track, Council of Educators in Landscape Architecture (CELA), 2015-2016

Co-chair (with Charlene Lebleu), Landscape Planning and Ecology Track, Council of Educators in Landscape Architecture (CELA), 2014-2015

Member, Roster of Visiting Evaluators (ROVE) – Canadian Society of Landscape Architects (CSLA): Landscape Architecture Accreditation Council (LAAC), 2016-present

SCIENTIFIC REVIEWS

EDITORIAL BOARDS, ORGANIZATIONAL COMMITTEES, & JURIES

Co-editor, *Journal of Planning, Education, and Research* (2019-2024)

Chair, Conferences and Event Committee, Council of Educators in Landscape Architecture (CELA), (2022-2023)

Editor, *Landscape Research Record* (2018-2020); v. 8 & vol. 9

Deb Mitchell Research Grant Jury (2020, 2021), Landscape Architecture Foundation

Board of Directors, Council of Educators in Landscape Architecture (CELA), (2018-present)

Research Committee, Landscape Architecture Foundation (LAF), (2018-2021)

Member – Council of Educators in Landscape Architecture (CELA) Committee on Editor for *Landscape Journal*

Member, Conferences and Event Committee, Council of Educators in Landscape Architecture (CELA), (2020-2021)

Member – Council of Educators in Landscape Architecture (CELA) Standing Committee on Research (2020-2021)

Chair, Standing Committee on Career Development and Diversity, Council of Educators in Landscape Architecture (CELA), (2020-2021)

Editorial Review Board – *Journal of Contemporary Urban Affairs* (2016-2019)

Co-Editor, *Landscape Research Record* (2014-2018)

Chair – Council of Educators in Landscape Architecture (CELA) Standing Committee on Research (2018-2020)

Chair – California Landscape Architecture Student Scholarship (CLASS) Fund Grant Committee (2018-2020)

Member - Council of Educators in Landscape Architecture (CELA) Committee on Communication, Outreach and Publications (2018-2020)

Member - Council of Educators in Landscape Architecture (CELA) Executive Committee (2018-2020)

Member - Council of Educators in Landscape Architecture (CELA) Executive Director Search Committee (2018-2019)

CELA Representative for the Landscape Architecture Foundation (2018-2020)

CELA Representative for the American Society of Landscape Architects (ASLA) Professional Awards Jury: Research Category (2018-2020)

EXTERNAL PEER REVIEWS FOR JOURNALS

Journal of Planning, Education, and Research; Environmental Health Perspectives; Landscape Architecture Frontiers; Urban Forestry and Urban Greening; Town Planning Review; Landscape Research; Habitat International; Socio-Ecological Practice Research; Journal of the American Planning Association; Environment, Development, and Sustainability; Landscape Ecology; Cities; Journal of Housing and the Built Environment; Landscape and Urban Planning; International Journal of Environmental Research and Public Health; International Journal of Urban Sustainable Development; Journal of Urbanism: International Research on Placemaking and Urban Sustainability; Urban Affairs Review; Data; Land Use Policy; Sustainability; Urban Studies; Environment and Planning B: Planning and Design;; Landscape Journal; Landscape Research Record; Encyclopedia of Public Administration and Public Policy;

EXTERNAL SERVICE FOR ORGANIZATIONS AND CONFERENCES

Council of Educators in Landscape Architecture (CELA) Conference, Abstract and Full Paper Review Panel (2023, 2022, 2021, 2020, 2019, 2018, 2017, 2016, 2015, 2014, 2013, 2012, 2011) – Planning and Ecology Track

American Society of Landscape Architects (ASLA) Chapter Climate Action Co-representative (2019-present)

Member- CLARB Uniform Standard Working Group (2021)

Environmental Design and Research Association (EDRA) Certificate of Research Excellence Awards Jury (2021).

Juror – Poster Submissions, National Institutes of Environmental Health Sciences Superfund Conference (2020)

American Society of Landscape Architects (ASLA) Professional Awards Jury (2019, 2020), Washington D.C.

Member, Executive Director Search Committee, Council of Educators in Landscape Architecture (CELA), 2018.

Environmental Design and Research Association (EDRA) Conference, Abstract and Full Paper Review Program Committee (2015, 2012, 2011). Culture and Design Track

12th Australasian Urban History/Planning History (UHPH) Conference, Session Moderator (2014), Landscapes and Ecologies of Urban and Planning History: Victoria University, Wellington, New Zealand

12th Australasian Urban History/Planning History (UHPH) Conference, Abstract and Full Paper Review Panel (2014), Landscapes and Ecologies of Urban and Planning History: Victoria University, Wellington, New Zealand

Council of Educators in Landscape Architecture (CELA) Conference, Abstract Review Panel (2011). History, Theory, and Culture Track.

EXTERNAL UNIVERSITY SUPPORT PROMOTION AND TENURE ASSISTANCE

External Dissertation Reviewer (date omitted for anonymity), Florida International University

External Dissertation Reviewer (date omitted for anonymity), University of Kansas

External Dossier Reviewer (date omitted for anonymity), Utah State University

External Dossier Reviewer (date omitted for anonymity), University of Colorado, Denver

External Dossier Reviewer (date omitted for anonymity), University of Oregon

External Dissertation Reviewer (date omitted for anonymity), University of British Columbia

COMMITTEES, SUBCOMMITTEES + TASK FORCES DEPARTMENTAL LEVEL

Co-Chair (with Dvorak, B.) – Landscape Architecture Program Committee (2019-2022), Texas A&M University

Member – Landscape Architecture and Urban Planning Coordinator Council (2016-2022), Texas A&M University

Bachelor of Landscape Architecture Program Committee (2011- present), Texas A&M University

Master of Landscape Architecture Program Committee (2011- present), Texas A&M University

Chair, Student Advisory Council (2019-2022), Texas A&M University

Chair – Technology Curriculum Committee (2011-2022), Texas A&M University

Member – Master of Land and Property Development Hiring Committee (2020-2021), Texas A&M University

Co-Chair (with Li, W.) – Planning Program Committee (2016-2019), Texas A&M

University

Member – Landscape Architecture and Urban Planning Faculty Search Committee (2016-2017), Texas A&M University

Member – BLA/MLA Design Studio Sequence Review Task Force (2019), Texas A&M University

Chair – Target Search Committee, Hazard Reduction and Recovery Center (2017), Texas A&M University

Chair – Task Force on Integrating Disciplines (2016-2017), Texas A&M University

Ex Officio – Technology Curriculum Committee (2016-2017), Texas A&M University

Member – Landscape Architecture and Urban Planning Faculty Search Committee (2016-2017), Texas A&M University

Master of Urban Planning Program Committee (2011- 2016), Texas A&M University

Member – LAUP Department Head Search Committee (2015-2016), Texas A&M University

Master of Urban Planning Program “Website Restructuring Subcommittee” (2013-2104, 2018-2019), Texas A&M University

Bachelors of Landscape Architecture Program “4-5 Year Task Force” (Fall 2012), Texas A&M University

Bachelors of Landscape Architecture “End of Year Portfolio and Review Subcommittee” (Fall 2012), Texas A&M University

Master of Landscape Architecture “Final Study and Submission Format Subcommittee” (Fall 2012), Texas A&M University

Master of Urban Planning “High Impact interdisciplinary Activities Subcommittee” (Fall 2012), Texas A&M University

Panel Member, **Newman, G.**, Park, Y., Li, W. & Heimeideh, S. (Feb. 2015). *Achieving Success in Academic Job Hunting*. Urban and Regional Sciences Program. College Station, Texas A&M University

COLLEGE/SCHOOL LEVEL

Dean’s Leadership Team, College of Architecture, Texas A&M University (2021-present)

Ad Hoc Member, School of Architecture Promotion and Tenure Committee (2022-2023)

Member, Study Abroad Restart Committee (Summer 2020), Texas A&M University

Member, Committee to Restart Teaching amid COVID (Summer 2020), Texas A&M

University

Member, Academic Affairs Committee, (2019-2022), Texas A&M University

Member, College Research and Interdisciplinary Council, (2019-present), Texas A&M University

Representative - College of Architecture Information Technology Services (2012-2022), Texas A&M University

Member, Club Web (2019-2022) Texas A&M University

Member, Leadership Minor Committee (2019-2022) Texas A&M University

Coordinator, (2019), STEM4 Innovation Workshop, Texas A&M University

Member, (2016-present) College of Architecture Instructional Technology Director Committee, Texas A&M University

Member, (2016-2017) Department Head Search Committee for Architecture, Texas A&M University

Member, (2015-2016) Department Head Search Committee for Landscape Architecture and Urban Planning, Texas A&M University

Member, (2018) Linda J. Todd Outstanding Support Staff Award Selection Committee

Chair, (2016) Linda J. Todd Outstanding Support Staff Award Selection Committee

Representative, (2009) Planning, Design, and the Built Environment PhD Program, Clemson University, 2009

President, (2004 - 2006) Student Planning Association (AU-APA), Auburn University

Vice President, (2003 - 2004) Society of Landscape Architects (AU-ASLA), Auburn University

UNIVERSITY LEVEL

Task Force on University Guidance for Online Exams (Summer 2020), Texas A&M University

Proposal Reviewer, "Arts and Humanities Fellows" (Spring 2016, 2017, 2018), Texas A&M University

Steering Committee Member, "GIS Days" (Fall 2014, 2016, 2017, 2018, 2019, 2020), Texas A&M University

Proposal Reviewer, "Program to Enhance Scholarly and Creative Activities (PESCA) Grant Program" (Fall 2014, 2015, 2016), Texas A&M University

CIVIC + STATE SERVICE

Texas Citizen Planner Program, Member (2016-present)

Judge - Houston-Galveston Area Council Parks and Natural Areas (PNA) Awards, (Spring 2018), H-GAC.

Youth Adventure Program - Professor (Summer 2013, 2014), Texas A&M University.

Pendleton, SC Design Review Board External Consultant, 2010-2011

PROFESSIONAL AFFILIATIONS + MEMBERSHIPS

American Society of Landscape Architects, 2003 – present

American Planning Association, 2004 – Present

Association of Collegiate Schools of Planning, 2010 - present

Council of Educators in Landscape Architecture, 2010 - present

Geodesign Consortium, 2013-present

Center for Community Progress, 2013-present

Cultural Landscape Foundation, 2012-present

Social Science History Association, 2010-2012

Historic Preservation Guild, 2004 - 2006

Sierra Club, 2005 – 2006