

**Charlene M. LeBleu, FASLA, FCELA, AICP**  
**Professor**  
School of Architecture, Planning & Landscape Architecture  
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### **Education/ Certification**

- American Institute of Certified Planners (AICP) 2006 to date.
- Council of Landscape Architecture Registration Boards (CLARB) Council Record #5423, 2003 to date.
- "Institutional Review Board (IRB), Social Sciences," Auburn University IRB Services, 2012 – date.
- Master of Landscape Architecture, College of Architecture, Design and Construction, Auburn University, Auburn, AL
- Master of Community Planning, College of Architecture, Design and Construction, Auburn University, Auburn, AL
- Bachelor of Science: Forest Resources & Conservation, School of Forest Resources and Conservation University of Florida, Gainesville, FL. Plan of study: Resource Conservation

### **Experience**

- 2020 – Present Professor, Landscape Architecture, Auburn University
- 2017 – 2020 Associate Professor, Landscape Architecture, Auburn University
- 2017 – 2017 Interim School Head, School of Architecture, Planning & Landscape Architecture
- 2015 – 2017 Associate Professor, Chair and GPO, Landscape Architecture, Auburn University
- 2014 – 2015 Associate Professor, Interim Chair and GPO, Landscape Architecture, Auburn University
- 2009 – 2014 Associate Professor Landscape Architecture, Auburn University (tenured)
- 2004 -- 2008 Assistant Professor Landscape Architecture, Auburn University
- 2006 – 2008 Assistant Professor, Chair and GPO, Landscape Architecture, Auburn University
- 2003 – 2004 Adjunct Professor, Landscape Architecture, Auburn University

### **Professional Experience**

- 1986 – 1999 Owner, Charlene M. LeBleu Landscape Consulting  
Projects: Albany State University, Albany, GA (Flood Recovery)  
Consultant & landscape designer for flood recovery of a university campus.  
  
Miller Brewing Company, Albany, GA  
Redesign of grounds for 10th anniversary of Albany, GA facility. Project included formal landscapes for office areas, informal landscape areas, naturalized areas, and atrium.  
  
Rosser International, Atlanta GA – Flood recovery design  
  
Rosser – H. R. Russell, Atlanta, GA – Flood recovery planning

### **Honors & Awards**

- 2023 Co-Editor, Landscape Journal Issue 42(1) with R. Corry, Professor of Landscape Architecture, University of Guelph– Special Issue on “Evolving Norms”
- 2021 President’s Award, Council of Educators in Landscape Architecture (CELA), Leadership, International
- 2021 Merit Award, Research Category. *The Historic Alabama City Plans Viewer*. LeBleu, C., R. Retzlaff and K. Leousis. Alabama Chapter of the American Society of Landscape Architecture; juried award.
- 2020 Fellow, Council of Educators in Landscape Architecture, Leadership, International.
- 2020 Women of Distinction Award, Auburn University, Juried, Leadership, University.
- 2020 Full Professor, Promotion, College of Architecture, Design and Construction, Auburn University.
- 2019 Editor-in-Chief, Landscape Journal, Leadership, International.

## Charlene M. LeBleu, Curriculum Vitae

- 2019 Merit Award, Research Category. Quantifying Thermal Characteristics of Stormwater through Low Impact Development Systems. Green Infrastructure Lab: LeBleu, C., M. Dougherty, K. Rahn, A. Wright, R. Bowen, R. Wang, J. Orjuela and K. Britton. Alabama Chapter of the American Society of Landscape Architecture (2019); juried award; Research.
- 2019 Outstanding Publication Award, College of Agriculture, Auburn University. Increasing sustainability of urban areas using rain gardens to improve pollutant capture, biodiversity and ecosystem resilience. J. Morash, A. Wright, C. LeBleu, A. Meder, R. Kessler, E. Brantley and J. Howe. *Sustainability*, 11: 3269 (18 pages).
- 2018 AU Professional Improvement Leave (PIL), Fall 2018 – Spring 2019 (2 semesters with pay).
- 2017 CELA Excellence in Service Learning Award (Senior Faculty).
- 2017 Auburn University Graduation Marshall, Spring 2017.
- 2016 President's Award, Council of Educators in Landscape Architecture, Leadership, International.
- 2016 Research Fellow, Landscape Architecture Foundation, Leadership/Research, National.
- 2015 Kenneth J. Groves Jr. Distinguished Leadership Award for a Professional Planner. Alabama Chapter of the American Planning Association (AL APA) / Award Level: State
- 2013 Fulbright Scholar UK Alternate, Fulbright United Kingdom, Leadership, International.
- 2013 Fellow, American Society of Landscape Architects, Leadership, National.
- 2013 Auburn University Spirit of Sustainability Award, Office of Sustainability, Leadership, University.
- 2012 President's Outstanding Collaboration Award, Auburn University, Office of the President.
- 2012 CELA Outstanding Communications Award—The CELA Track Chair System (CELA Track Chairs)
- 2011 Projects of Excellence Award 2000 - 2010. E. Brantley and C. LeBleu (50%). Awarded by USDA for 2005 – 2008 grant entitled, "Community Based Restoration Initiatives." Presented at 2011 National Water Conference, Washington, D.C. January 31, 2011 - February 1, 2011 (E. Brantley accepting). 10 grant projects from 2000 – 2010 were selected from over 200+ projects.
- 2010 Leadership Mobile Environmental Award 2010. Awarded by Leadership Mobile, Mobile, AL, Katherine C. Phillips, President. Local award for grant work, "Mobile Green Streets."
- 2010 Green Infrastructure Lab, Rm 132, CASIC Bldg., Auburn University Research Park. In collaboration with Mark Dougherty (Biosystems Engineering), Amy Wright (Horticulture) and Michael Hein (Building Science; retired), proposal accepted for laboratory for wet and dry green infrastructure research, 2010 – present.
- 2009 Outstanding Faculty Award. School of Architecture, College of Architecture Design and Construction.
- 2005 Urban Forest Award. Keep Columbus Beautiful Commission, Columbus, Georgia.

## **Publications**

### ***Book chapters***

Morash, J., Wright, A., LeBleu, C. (15%), Meder, A., Kessler, R., Brantley, E. and Howe, J. (2020). Increasing sustainability of residential areas using rain gardens to improve pollutant capture, biodiversity and ecosystem resilience. In Smith, Carl (Ed.), *Sustainable Residential Landscapes: An International Perspective* (pp. 1-18). MDPI Publications, Basel: Switzerland.

Bell, Carla. *Space Unveiled: Invisible Cultures in the Design Studio*. In *Situ: Diversifying Design Education through Green for Life! -- A Community-Based Environmental Research, Education and Outreach Project*. "In Situ: Diversifying Design Education through Green for Life! -- A Community-Based Environmental Research, Education and Outreach Project" by Rebecca O'Neal Dagg and Charlene LeBleu. Routledge Publications, Abingdon, Oxon, UK. 2014.

## Charlene M. LeBleu, Curriculum Vitae

Brantley, E., K. Dylewski, K. Christian, A. Wright and C. LeBleu (20%) 2013. "Stormwater and Streams: Understanding Opportunities to Improve, Involve, and Evolve." Auburn Speaks on Water, Auburn University Office of Research, pp. 146-153.

Dougherty, M., C. LeBleu (25%), E. Brantley, and C. Francis. 2013. "Rain Gardens: The Magic of Rain Gardens," Auburn Speaks on Water, Auburn University Office of Research, pp 210-215.

Hein, M., M. Dougherty, and C. LeBleu (33%). 2013. "Pervious Concrete: Evaluation for LID Water-Quality Improvement," Auburn Speaks on Water, Auburn University Office of Research, pp 202-204.

LeBleu, C. (33%), J. Langham & R. Wilkerson. 2013. "Mobile Green Streets" Auburn Speaks on Water, Auburn University Office of Research, pp. 206-209.

LeBleu, C. (33%), R. O'Neal Dagg, & C. Bell. 2013. "Green for Life! Auburn Speaks on Water, Auburn University Office of Research, pp. 192-193.

Noori, N., L. Kalin, C. LeBleu (25%), and P. Srivastava. 2013. "The Role of Human Activities on Flooding: Does It Matter Where We Develop?" Auburn Speaks on Water, Auburn University Office of Research, 162-167.

Gifford, James and Gabrielle Zezulka-Maillox. Culture + The State Landscape & Ecology: Critical Works from the World Congress of Culture and State, Vol. 1. "A River Runs Through It No More: Evaluating the Human-Nature Relationship of the Urban Stream," by Charlene LeBleu. CRC Humanities Studio Publishers. University of Alberta, Edmonton, Alberta, Canada. 2003. ISBN 1-55195-139-8.

### **Journal Articles**

- 2022 Heim-LaFrombois, M., C. LeBleu (Co-PI, 33%), S. Byahut & S. Rogers. Planning for Green Infrastructure Along the Gulf Coast: An Evaluation of Comprehensive Plans and Planning Practices in the Mississippi-Alabama Coastal Region, *Journal of Environmental Planning and Management*. 2022 (peer-reviewed). <https://doi.org/10.1080/09640568.2022.2074822>
- 2019 LeBleu, C., M. Dougherty, K. Rahn, A. Wright, R. Bowen, R. Wang, J. Orjuela and K. Britton (2019). Quantifying Thermal Characteristics of Stormwater through Low Impact Development Systems. *Hydrology* 2019, <https://www.mdpi.com/2306-5338/6/1/16>
- 2019 Morash, J., A. Wright, C. LeBleu (15%), A. Meder, R. Kessler, E. Brantley & J. Howe. (2019) Increasing Sustainability of Residential Areas Using Rain Gardens to Improve Pollutant Capture, Biodiversity and Ecosystem Resilience. *Sustainability* 11(12):3269. <https://doi.org/10.3390/su11123269>
- 2018 Retzlaff, R. and C. LeBleu. Marine Spatial Planning: Exploring the Role of Planning Practice and Research. *Journal of Planning Literature*. 2018. *Journal of Planning Literature*, Vol. 33(4); pp. 466-491. <https://doi.org/10.1177/0885412218783462>
- 2018 Fang, C., C. LeBleu, H-Y. Zhao, H.-Y., S-D. Lui, and B. Yang. Vision, Pattern, Focus: Research Frontiers of Stormwater Management in 2017 CELA Conference. *Modern Urban Research*, 2, 2-8.
- 2016 LeCompte, J., A. Wright, C. LeBleu & R. Kessler. Saline Irrigation Affects Growth and Leaf Tissue Nutrient Concentration of Three Native Landscape Plant Species. *Journal of Horticulture Technology*, June 2016; vol. 26, No. 3; pp. 309-313.
- 2016 Noori, N., L. Kalin, P. Srivastava, & C. LeBleu (25%). Identifying areas sensitive to land use/land cover change for downstream flooding in a coastal Alabama watershed. *Journal of Regional Environmental Change*. August 2016; vol. 16, Issue 6; pp. 1833-1845.
- 2012 Jernigan, K., A. Wright, J. Sibley, E. Brantley, J. Howe, M. Dougherty, M. and C. LeBleu. "Effect of Phosphorus Concentration on Growth of *Muhlenbergia capillaris*, a Rain Garden Plant, Under Flooded and Non-Flooded Conditions." *Journal of Environmental Horticulture* JEH 12-18, (2012).

## Charlene M. LeBleu, Curriculum Vitae

- 2012 Dylewski, K., A. Wright, K. Tilt, and C. LeBleu. Effects of Previous Flood Exposure on Flood Tolerance and Growth of Three Landscape Shrub Taxa Subjected to Repeated Short-term Flooding. *Journal of Environmental Horticulture*. JEH 3 (2) 58-64 (2012).
- 2011 Dylewski, K. A. Wright, K. Tilt and C. LeBleu. Effects of Short Interval Cyclic Flooding on growth and Survival of Three Native Shrubs. *HortTechnology (Journal of Horticulture Technology)*. August 2011, 21(4).

### **Editor-In-Chief of Published Conference Proceedings**

Editor-In-Chief, [Landscape Research Record V](#). Official full-paper conference peer-reviewed proceedings, 2016 CELA Annual Conference, Salt Lake City, Utah, USA, International. December 2016. ISSN 2471-8335. 276 pp.

Editor-In-Chief, [Landscape Research Record IV](#). Official full-paper conference peer-reviewed proceedings, 2015 CELA Annual Conference, Manhattan, KS, USA, International. December 2015. ISSN 2471-8335. 307 pp.

### **Published Conference Proceedings (Papers)**

- 2021 Roberts, T., K. Rahn, M. Dougherty and C. LeBleu (15%), Effects of Pervious Concrete Thickness on Leachate Water Temperature during Simulated Rain Events. 56th Annual International Conference of the Associated Schools of Construction (ASC; acceptance rate 46%), Virtual; oral presentation and paper published in proceedings March 31, 2021 (peer reviewed).
- 2020 Byahut, S., M. LaFrombois, S. Rogers and C. LeBleu (25%). Mediating the Impacts of Local Flooding in the Mississippi-Alabama Coastal Region through Green Infrastructure Plan Evaluation. 2020 Association of Colligate Schools of Planning Conference, Online, Nov. 5-8, 2020 (peer reviewed).
- 2020 LaFrombois, M., Byahut, S. and C. LeBleu (33%). Mediating the Impacts of Local Flooding in the Mississippi-Alabama Coastal Region through Green Infrastructure Plan Evaluation. 50th Urban Affairs Association Conference, Online, April 2-4, 2020 (peer reviewed).
- 2018 Wang, R. and C. LeBleu. "Experience with Collaborative Research on Thermal Characteristics of Low Impact Development Strategies" in Council of Educators in Landscape Architecture Conference, March 21-24, 2018 *Landscape Research Record VII* (peer reviewed).
- 2015 LeBleu, C. (presenting author) and R. Retzlaff. "Integrating Marine Spatial Planning and Land Use Planning: Lessons Learned from The Peninsula in Mobile, Alabama" in Council of Educators in Landscape Architecture Conference, 03/25/15 – 03/28/15. *Landscape Research Record IV* (peer reviewed).
- 2014 LeBleu, C. (presenting author) and R. Retzlaff, "Ecosystem-Based Marine Spatial Planning assessing methods used to evaluate the balance of ecological concerns with human use." Council of Educators in Landscape Architecture Conference, 03/26/14 - 03/30/14. *Landscape Research Record II* (peer reviewed).
- 2013 LeBleu, C. "Designing Africa in Alabama." 2013 IFLA World Congress "Shared Wisdom in an Age of Change, "Auckland, New Zealand. 4/10/13 – 4/12/13. Proceedings (peer reviewed).
- 2012 Dougherty, M., A. Baharanyi, E. Guertal, W. Zech, C. LeBleu and E. Norton. "Evaluation of Erosion and Sediment Control Cover Types for Long-term Vegetation Establishment on Disturbed Soils." ASABE Annual International Conference. Dallas, TX 7/29/12 – 8/1/12. Proceedings (peer reviewed).
- 2012 Noori, N. L. Kalin, P. Srivastava and C. LeBleu. "Effects of Initial Abstraction Ratio in SCS-CN Method on Modeling the Impacts of Urbanization on Peak Flows." ASCE World Environmental & Water Resources Congress, Albuquerque, NM. 5/20/12 – 5/24/12. Proceedings (peer reviewed).
- 2011 LeBleu, C. "Predicting and Mitigating Effects of Land Use and Land Cover Change in Urbanizing Coastal Ecosystems." 2011 EFLA Regional Congress of Landscape Architecture "Mind the Gap. Landscapes for a New Era" Tallinn, Estonia. 11/2/11 – 11/4/11. Proceedings (peer reviewed).
- 2011 LeBleu, C. "Green Infrastructure Planning—Mitigating Coastal Storm Surge & Flooding." 2011 CELA Annual Conference, "Urban Nature." Los Angeles, CA. 3/30/11 - 4/2/11. Proceedings (peer reviewed).

## Charlene M. LeBleu, Curriculum Vitae

- 2011 Dougherty, M. (presenting Author), M. Hein, C. LeBleu. Evaluation of stormwater quality through pervious concrete pavement. 2011 American Society of Agricultural and Biological Engineers (ASABE) Annual International Meeting, Louisville, KY. 8/7/11-8/10/11. Proceedings (peer reviewed).
- 2011 Schmidt, J. (presenting author) and C. LeBleu. "Implementing Transdisciplinary Interaction in the Field of City and Regional Planning." 9th Annual Hawaii International Conference on Arts and Humanities, Honolulu, Hawaii. Proceedings (peer reviewed).
- 2010 LeBleu, C. (presenting author), R. O'Neal Dagg and C. Bell. "Green *for Life!*" Emerging Issues 3 Along the Urban-Rural Interface Conference, Atlanta, GA. April 11-14, 2010. USDA Forest Service Interface South. Proceedings (peer reviewed).
- 2010 LeBleu, C. (presenting author), M. Dougherty and E. Brantley. "Assessing Pollutant Uptake and Removal in Rain Gardens." 2010 CELA/ ISMOL International Conference, Maastricht, Netherlands. March 2010. Proceedings (peer reviewed).
- 2010 Bai, H. (presenting author) and C. LeBleu. "Restoration of Historical Urban Water System in Beijing, China: A Sustainable Perspective towards a Harmonious and Prosperous Human Society" 47<sup>th</sup> IFLA World Congress 2010, Suzhou, China. May 2010. Proceedings (peer reviewed).
- 2010 LeBleu, C. "Mobile Green Streets: Leveraging economics, flood reduction and aesthetics through inventive stormwater management design." Alabama – Mississippi Bays & Bayous Symposium 2010, Mobile, AL 12/1-2/10. Proceedings (peer reviewed).
- 2009 LeBleu, C. "Green *for Life!* Implementing Environmental Education within the Urban-Rural Interface." Emerging Issues 3: Linking Science and Society Conference. Atlanta, GA. Proceedings (peer reviewed).
- 2009 LeBleu, C. "Bridging the Gap between Science and Design: A Transdisciplinary Approach." Delivered at the 2009 Council of Educators in Landscape Architecture Conference, Tucson, Arizona. Proceedings (peer reviewed).
- 2008 LeBleu, C. "Equal Public Access for All." Delivered at the Hawaii International Conference on Arts & Humanities, Honolulu, Hawaii. Proceedings (peer reviewed).
- 2007 LeBleu, C. (presenting author), M. Dougherty, E. Brantley and C. Francis. "Assessing Nutrient Reduction in a Rain Garden with an Internal Water Storage (IWS) Layer." Delivered at 2007 Council of Educators in Landscape Architecture Conference, State College, Pennsylvania. Proceedings (peer reviewed).
- 2007 Dougherty, M. (presenting author), C. LeBleu, E. Brantley and C. Francis. "Evaluation of Bioretention Nutrient Removal in a Rain Garden with an Internal (IWS) Water Storage Layer." Delivered at the American Society of Agricultural and Biological Engineers, Minneapolis, Minnesota. Proceedings (peer reviewed).
- 2006 Pathak, M. (presenting author), and C. LeBleu. "Bringing Eco-Tourism to the Masses through the World Wide Web." Delivered at 44th Annual International Urban and Regional Information Systems Conference Vancouver, British Columbia. Proceedings (peer reviewed).
- 2006 LeBleu C. "Rebuilding Ground: Accessing Coastal Public Access." International CSLA/ CELA 2006 Conference (June 2006; Vancouver, British Columbia). Conference proceedings (peer reviewed).
- 2005 LeBleu, C. "Making a Splash with GIS." Delivered at 2004 ACSA Northeast Regional Meeting, Syracuse University, Syracuse, New York. Proceedings (peer reviewed).

### **Peer reviewed Conference Abstracts (and Oral Presentations)**

- 2022 Ozer, E., C. LeBleu, A. Steffens and H. Nassar. State of women's representation within the profession: Survey findings, interviews, and more. Florida ASLA Annual Conference + Expo, August 11-13, 2022, Sheraton, Panama City, FL (acceptance rate 28%; peer-reviewed).
- 2022 LeBleu, C. Using LID to Mitigate Stormwater Thermal Loads. May 5, 2022. 2022 National Stormwater Conference, Missoula, MT, (acceptance rate 38%), May 2-6, 2022. (peer-reviewed).
- 2022 LeBleu, C. Using LID to Mitigate Stormwater Thermal Loads. Auburn University Stormwater Colloquium, April 14, 2022, Davis Aerospace Engineering Hall Rm 357, Auburn University, AL.

## Charlene M. LeBleu, Curriculum Vitae

- 2022 Steffens, A. E. Ozer, H. Nassar and C. LeBleu. Are women underrepresented in landscape architecture education? 2022 Council of Educators in Landscape Architecture (CELA; acceptance rate 56%), panel presentation; March 16-19, 2021 (peer-reviewed).
- 2021 Byahut, S., M. LaFrombois, S. Rogers and C. LeBleu (25%). Landscape Patterns and Their Effect on Stormwater Runoff in the Coastal Alabama and Mississippi Region. 2021 Association of Collegiate Schools of Planning (ACSP; acceptance rate 63%), virtual, October 21-24, 2021 (peer reviewed).
- 2021 Knappenberger, T., C. LeBleu (33%), and E. Brantley. Stormwater Best Management Practices to improve the Parkerson Mill Creek watershed in Lee County Alabama. 2021 Alabama Water Resource Conference, Orange Beach, AL, (acceptance rate 42%), Oral Presentation, September 8-10, 2021 (peer reviewed).
- 2021 LeBleu, C. (25%), J. Cameron, R. Retzlaff and K. Leousis. Historic Alabama City Plans. Coastal Alabama Geospatial Data Users Group 5th Annual Conference; oral presentation; virtual; January 22, 2021. (peer reviewed).
- 2020 LeBleu, C., J. Cameron, R. Retzlaff and K. Leousis. Planning Innovation through Historic City Plans: Using Historic City Plans to Improve Planning Practice in Alabama. 2020 Mississippi-Alabama Chapter of the American Planning Association Conference, Online, Dec 7 – 12, 2020 (peer reviewed).
- 2019 LeBleu, C. "Using Low Impact Development to Mitigate Thermal Load." International Erosion Control Association (IECA) Municipal Wet Weather Stormwater (MS4) Conference, Greenville, SC. May 20-22, 2019 (peer reviewed).
- 2018 LeBleu, C. & R. Retzlaff "Gulf Coast Marine Spatial Planning." Oral Presentation. Mississippi-Alabama Chapters of the American Planning Association Annual Conference, Oxford MS; Oct. 10-12, 2018 (peer reviewed).
- 2018 Rahn, K., C. LeBleu, A. Wright, M. Dougherty and R. Wang. "Low Impact Development (LID) Practices to Mitigate Thermal Pollution in Stormwater Runoff Entering Urban Streams and Sensitive Coastal Receiving Waters." 2018 AL Water Resources Conference, Orange Beach, AL. Sept. 5-7, 2018 (peer reviewed).
- 2018 LeBleu, C., B. Garrett & R. Bowen. "Evaluating the Landscape Performance of Railroad Park, Birmingham, AL." 2018 Annual Conference of the Council of Educators in Landscape Architecture (CELA), Virginia Tech University, Blacksburg, VA, March 21-24, 2018 (peer reviewed).
- 2017 LeBleu, C., R. Retzlaff and C. Miller. "Assessing coastal planning issues and vulnerabilities with multiple stakeholder groups." Presented at the Engagement Scholarship Consortium: This is Engagement: Best Practices in Community-Engaged Scholarship Conference. Birmingham, AL; Sept. 24-25, 2017 (peer reviewed).
- 2017 Dagg, R., C. LeBleu and K. Speetjens. "Architecture and Landscape Architecture Design Research/Outreach: Collaboration with DASH LaGrange." Presented at the Engagement Scholarship Consortium: This is Engagement: Best Practices in Community-Engaged Scholarship Conference. Birmingham, AL; Sept. 24-25, 2017 (peer reviewed).
- 2017 LeBleu, C., A. Wright, K. Rahn and M. Dougherty. "Mitigating the Thermal Characteristics of Stormwater Runoff through Low Impact Development." Presented at the Council of Educators in Landscape Architecture (CELA) Annual Conference, Beijing, China; May 27-29, 2017 (peer reviewed).
- 2017 LeBleu, C., R. Retzlaff & C. Miller. "Assessing Coastal Planning Issues and Vulnerabilities with Multiple Stakeholder Groups." Presented at Engagement Scholarship Consortium (ESC) Annual Conference, Birmingham, AL; September 26-28, 2017.
- 2016 LeBleu, C., R. Retzlaff and J. Cameron, "The Alabama Coastal Marine GIS Public Viewer." Presented at the Bays & Bayous Conference, Biloxi, MS; Nov. 30-Dec 1, 2016 (peer reviewed).
- 2016 LeBleu, C., R. Retzlaff and J. Cameron, "Advancing Coastal Marine Planning." Presented at the Council of Educators in Landscape Architecture (CELA) Annual Conference, Salt Lake City, Utah; March 23-26, 2016 (peer reviewed).
- 2016 R. Retzlaff, C. LeBleu, and J. Cameron, "A Coastal Marine Planning GIS Took for the Gulf Coast" Presented at the Mississippi-Alabama Chapters of the American Planning Association Annual Conference, Biloxi, Mississippi; September 14-16, 2016 (peer reviewed).

## Charlene M. LeBleu, Curriculum Vitae

- 2016 Retzlaff, R. (presenting) and C. LeBleu. A Coastal Marine Planning Tool for the Gulf Coast. 56th Annual International Conference of the Associated Schools of Construction (ASC), Nov 3-6, 2016, Portland, Oregon (peer reviewed).
- 2016 LeBleu, C., R. Retzlaff, J. Cameron & B. Garrett. "The Alabama Coastal Marine GIS Public Viewer." Mississippi-Alabama Bays & Bayous Symposium, Biloxi, MS, November 30 – December 1, 2016.
- 2015 LeBleu, C., R. Retzlaff, J. Mittal, S. Byahut. "The Revitalization of Peacock Place, Montgomery, Alabama" in Auburn University Outreach Symposium 2015 (peer reviewed).
- 2015 LeBleu, C. (presenting author) and R. Retzlaff. "Integrating Marine Spatial Planning and Land Use Planning: Lessons Learned from The Peninsula in Mobile, Alabama" in Council of Educators in Landscape Architecture; Kansas State University, 2015 (peer reviewed).
- 2015 LeBleu, C., J. Liu, & R. Burt. "Digital Documentation of Fort Gaines Using LIDAR and BIM Technology." Auburn University 2015 This Is Research: Faculty Symposium / Auburn University Hotel and Conference Center/ AU Research Week This is Research / AU Hotel & Conference Center (peer reviewed).
- 2015 LeBleu, C. "Using Green Infrastructure Buffers to Protect Natural Resources." 2015 Alabama Environmental Conference, Perdido Beach, AL. (peer reviewed).
- 2014 Anderson, C. and C. LeBleu. "Alabama Green Growth Toolbox." 2014 ALAPA Spring Professional Workshop. Alabama Chapter of the American Planning Association. May 16, 2014 (peer reviewed).
- 2014 LeBleu, C. (presenting author) and R. Retzlaff. "Ecosystem-Based Marine Spatial Planning Assessing methods used to evaluate the balance of ecological concerns with human use." Council of Educators in Landscape Architecture Conference (International), Manhattan, KS. 03/26/14-03/30/14 (peer reviewed).
- 2015 LeBleu, C. (presenting author) and R. Retzlaff. "Integrating Marine Spatial Planning and Land Use Planning: Lessons Learned from The Peninsula in Mobile, Alabama." Council of Educators in Landscape Architecture Conference (International), 03/23/15 - 03/27/15 (peer reviewed).
- 2015 LeBleu, C. "Using Green Infrastructure Buffers to Protect Natural Resources." IECA Environmental Connection 2014; International Erosion Control Association, Nashville, TN. 02/ 25/14 – 02/27/14 (peer reviewed).
- 2013 LeBleu, C. (presenting author) and R. Retzlaff. "Marine Spatial Planning: Protecting Ocean and Coastal Resources through Planning, Zoning and Ecosystem Management." World Town Planning Day Online Conference, 11/6/13 (peer reviewed).
- 2012 LeBleu, C. "Planning for Pollutant Removal Efficiency and Effectiveness Using Bioretention and Permeable Concrete." 2012 CELA Annual Conference, "Finding Center, Landscape + Value." University of Illinois at Urbana-Champaign. 3/28/12 – 3/31/12. Proceedings (peer reviewed).
- 2011 Kalin, L. (presenting author) and C. LeBleu "Land Use/ Land Cover Change Effects on Hydrology & Water Quality in Coastal Alabama. 2011 25<sup>th</sup> Annual Alabama Water Resources Conference. Orange Beach, AL. 9/7-9/11. Proceedings (peer reviewed).
- 2011 LeBleu, C. (presenting author) and Judd Langham. Evaluating the Effectiveness of Collaborative Teaching in the Service Learning Studio. 2011 CELA Annual Conference, "Urban Nature." Los Angeles, CA. 3/30/11-4/2/11. Proceedings (peer reviewed).
- 2010 LeBleu, C. "Low Impact Development." Green & Blue Conference, Auburn, AL. May 27-28, 2010. Alabama Chapter for Habitat of Humanity. Proceedings (peer reviewed).
- 2010 LeBleu, C., M. Hein and M. Dougherty. "Evaluation of Stormwater Quality Improvement Through Pervious Concrete Pavement." 2010 24th Annual Alabama Water Resources Conference. Orange Beach, AL. Proceedings (peer reviewed).
- 2010 LeBleu, C. "Mobile Green Streets: A Green Infrastructure Plan for Mobile, AL." 2010 24th Annual Alabama Water Resources Conference. Orange Beach, AL. 9/9-10/10. Proceedings (peer reviewed).

## Charlene M. LeBleu, Curriculum Vitae

- 2010 LeBleu, C. "Mobile Green Streets: Leveraging economics, flood reduction and aesthetics through inventive stormwater management design." Alabama – Mississippi Bays & Bayous Symposium 2010, Mobile, AL 12/1-2/10. Proceedings (peer reviewed).
- 2009 LeBleu, C. "Bridging the gap between science, policy and design." 2009 CELA Annual Conference, "Teaching + Learning Landscape." Tucson, AZ. January 14-17, 2009. Proceedings (peer reviewed).
- 2009 LeBleu, C. "Get Connected! Becoming an eXtension Member for Non-Extension Faculty." 2009 National eXtension Conference, St. Louis, MO. October 20-23, 2009. Proceedings (peer reviewed).
- 2009 LeBleu, C. "Low Impact Development Policies and Practices." 2009 Clean Water Alabama Conference. National Resource Conservation Service. Bessemer, AL October 2009. Proceedings (peer reviewed).
- 2009 Jernigan, K., Dougherty, M., LeBleu, C. (25%) and E. Brantley. Evaluating bioretention contaminant uptake and removal in an experimental rain garden study. Alabama Water Resources Conference, Sept.10-11, 2009, Orange Beach, AL. Proceedings.
- 2008 LeBleu, C. "Rebuilding Ground: Accessing Coastal Public Access." International CSLA/ CELA 2006 Annual Conference "Shifting Ground," Vancouver, British Columbia, June 14-17, 2006. Proceedings (peer reviewed).
- 2008 LeBleu, C. "Evaluating Nutrient Removal in Bioretention with an Internal Water Storage (IWS) Layer." 2006 Alabama Water Resource Research Conference, Orange Beach, AL. Sept. 2006. Proceedings.
- 2008 LeBleu, C. "Bringing Eco-Tourism to the Masses through the World Wide Web." For 44th Annual International URISA Conference, Vancouver, British Columbia. September 2006, Proceedings (peer reviewed).
- 2008 C. LeBleu. "John Nolen and the Planning of Columbus, GA." Southeastern Society of Architecture Historians 2006 Conference, Auburn, AL. September 2006, Proceedings (peer reviewed).
- 2008 C. LeBleu. "Redeveloping Brownfields." 2006 ASLA Annual Meeting & Expo and 43rd IFLA World Congress. Minneapolis, MN. October 2006, Proceedings (peer reviewed).
- 2007 LeBleu, C. "Chattahoochee River Natural Shoreline Restoration: An Effort to Achieve Integration of natural Function and Human Use." Delivered at the Association of Collegiate Schools of Architecture Southwest Conference, Austin, Texas. Proceedings (peer reviewed).
- 2007 Dougherty, M. and C. LeBleu. "Evaluating Bioretention Nutrient Removal in a Rain Garden with an Internal (IWS) Water Storage Layer." Delivered at the 20th Alabama Water Resource Conference. Perdido Beach, Alabama. Proceedings (peer reviewed).
- 2006 LeBleu, C., B. Wilkerson, M. Bragan and D. Beaty. "Redeveloping Brownfields." Delivered at the American Society of Landscape Architects Annual Meeting & Expo and 43rd International Federation of Landscape Architecture World Congress. Minneapolis, Minnesota. Proceedings (peer reviewed).
- 2006 Brantley, E. and C. LeBleu. "Grassroots Blueprints--Linking Communities and Students." Delivered at USDA-CSREES National Water Quality Conference, San Antonio, Texas. Proceedings (peer reviewed).
- 2006 LeBleu, C. "Rebuilding Ground: Accessing Coastal Public Access." Delivered at International Canadian Society of Landscape Architects/ Council of Educators in Landscape Architecture Conference Vancouver, British Columbia. Proceedings (peer reviewed).
- 2006 LeBleu, C. "John Nolen and the Planning of Columbus, Georgia." For Southeastern Society of Architecture Historians Conference, Auburn, AL. Proceedings (peer reviewed).
- 2006 LeBleu, C. "Using GIS in Ecotourism via the World Wide Web." GIS Teaching and Research 2006 GA-TECH Think Tank. National URISA Association, Athens, Georgia (peer reviewed).
- 2006 Dagg, C., LeBleu, C., O'Neal Dagg, R., Steele, K. "Interstate 85: Center for Sustainable Rural Living," Association of Collegiate Schools of Architecture Central Meeting, University of Wisconsin-Milwaukee. October 20-22, 2006 (peer reviewed).
- 2005 LeBleu, C and E. Brantley. "Community-Based Restoration Initiatives in East Central Alabama," Delivered at Alabama Water Resources Conference at Perdido Beach, Alabama. Proceedings (peer reviewed).



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- 2005 Brantley, E. and C. LeBleu. "Developing Community-Based Restoration Initiatives." Delivered at USDA-CSREES National Water Quality Conference, La Jolla, California. Proceedings (peer reviewed).
- 2004 LeBleu, C. "Making a Splash with GIS," 2004 Georgia Urban and Regional Information Systems Association (URISA) GIS/ IT Conference, Peachtree City, GA (peer reviewed).
- 2004 LeBleu, C. " Making A Splash with GIS," Changing Territories, New Cartographies, 2004 NE Regional Conference Association of Collegiate Schools of Architecture, Syracuse, NY, 2004 (peer reviewed).

### **Conference Posters Presentations**

- 2021 LeBleu, C. (25%) M. LaFrombois, S. Byahut and S. Rogers. Using Green Infrastructure Planning to Increase Resiliency and Engagement. 2021 Engagement Scholarship Consortium (ESC; acceptance rate 57%), poster presentation, virtual, September 13-15, 2021 (peer reviewed).
- 2021 Farjana, R. and C. LeBleu (50%). The impact of climate change in the dynamics of Alabama's landscape: Landscape Patterns and Their Effect on Stormwater Runoff in the Coastal Alabama and Mississippi Region. 2021 Association of Collegiate Schools of Planning (ACSP; acceptance rate 63%), virtual, October 21-24, 2021 (peer-reviewed).
- 2021 LeBleu, C. (25%), M. LaFrombois, S. Byahut and S. Rogers. Using Green Infrastructure Planning to Increase Coastal Community Resiliency. 2021 Mississippi-Alabama Sea Grant Consortium (MASGC; acceptance rate 43%), virtual, October 13-15, 2021 (peer reviewed).
- 2021 LeBleu, C. (25%), M. LaFrombois, S. Byahut and S. Rogers. Using Green Infrastructure Planning to Increase Coastal Community Resiliency. 2021 Council of Educators in Landscape Architecture (CELA; acceptance rate 58%); virtual, March 17-19, 2021 (peer reviewed).
- 2021 Nisbett, J. and C. LeBleu. (50%). Environmental Racism and Participatory Equity of Environmental Risks and Benefits in Alabama Counties: Analyzing Racial Equity in the Distribution of Protected Areas and Toxic Releases. 2021 Council of Educators in Landscape Architecture (CELA; acceptance rate 58%); virtual, March 17-19, 2021 (peer reviewed).
- 2021 Morash, J., A. Wright, C. LeBleu (15%), A. Meder, R. Kessler, E. Brantley & J. Howe. Increasing Sustainability of Residential Areas Using Rain Gardens to Improve Pollutant Capture, Biodiversity, and Ecosystem Resilience. Auburn University 2021 This Is Research: Faculty Symposium; AU Research Week This is Research; virtual; January 2021 (peer reviewed).
- 2020 LeBleu, C. (25%), M. LaFrombois, Byahut, S. and S. Rogers. Using Green Infrastructure Planning to Increase Resiliency and Engagement. 2020 Bays and Bayous Conference, virtual, Dec. 1-3, 2020 (peer-reviewed).
- 2019 LeBleu, C., M. Dougherty, K. Rahn, A. Wright, R. Bowen, R. Wang, J. Orjuela and K. Britton. "Quantifying Thermal Characteristics of Stormwater through Low Impact Development Systems." Poster. Auburn Plant Science Research Symposium. December 17, 2019 (peer-reviewed).
- 2019 LeBleu, C., M. Dougherty, K. Rahn, A. Wright, R. Bowen, R. Wang, J. Orjuela and K. Britton. "Quantifying Thermal Characteristics of Stormwater through Low Impact Development Systems." Poster. Auburn University Faculty Research Symposium. October 4, 2019.
- 2018 Retzlaff, R., C. LeBleu, K. Leousis, T. Hames, Y. Zhu, and J. Cameron. An Analysis of the Evolution of City Planning in Alabama and a Public Repository of City Planning Documents. Poster. Auburn University Faculty Research Symposium. October 23, 2018.
- 2018 Rahn, K., C. LeBleu, A. Wright, M. Dougherty and R. Wang. "Low Impact Development (LID) Practices to Mitigate Thermal Pollution in Stormwater Runoff Entering Urban Streams and Sensitive Coastal Receiving Waters." 2018 AL Water Resources Conference, Orange Beach, AL. Sept. 5-7, 2018 (peer reviewed).
- 2018 Wang, Rui, C. LeBleu, K. Rahn, A. Wright, & M. Dougherty. "Collaborative Design Strategies for Stormwater Runoff Heat Removal Using Low Impact Development." 2018 Annual Conference of the Council of Educators in Landscape Architecture (CELA), Virginia Tech University, Blacksburg, VA, March 21-24, 2018.

## Charlene M. LeBleu, Curriculum Vitae

- 2017 Rahn, K. C LeBleu, Amy Wright, Mark Dougherty, Rui Wang & Britton Garrett. "Mitigating the Thermal Characteristics of Stormwater Runoff through Low Impact Development." Presented at the AU *This is Research* Conference, Auburn University, AL; Sept 22, 2017.
- 2017 Keith Rahn, C. LeBleu, Amy Wright, Mark Dougherty, Rui Wang & Britton Garrett. "Mitigating the Thermal Characteristics of Stormwater Runoff through Low Impact Development." Presented at the AU Stormwater Forum, Auburn University, AL; May 11-12, 2017.
- 2016 LeBleu, C, K. Rahn (presenting author). "Mitigating Heat Transfer from Impervious Surfaces to Stormwater Discharge." Associated Schools of Construction Conference, Provo, Utah. April 2016.
- 2015 LeBleu, C., J. Langham. "Designing the Urban Landscape." in Auburn University 2015 This Is Research: Faculty Symposium / Auburn University Hotel and Conference Center/ AU Research Week This is Research / AU Hotel & Conference Center.
- 2015 LeBleu, C., J. Liu, & R. Burt. "Digital Documentation of Fort Gaines Using LIDAR and BIM Technology." Auburn University 2015 This Is Research: Faculty Symposium / Auburn University Hotel and Conference Center/ AU Research Week This is Research / AU Hotel & Conference Center.
- 2014 Curry, S., Liu, J., Burt, R., C. LeBleu. "Terrestrial LiDAR and GPR Investigations of the Third Line of Battle at Guilford Courthouse." The Age of Sensing, 5th International Conference on Remote Sensing in Archaeology, Duke University, Durham, NC. October 2014.
- 2012 LeBleu, C., LeCompte, J., Sluznis, R., Wright, A., Bays & Bayous Conference, "Greywater irrigation of six diverse southeastern U.S. landscape plant species," Mississippi-Alabama Sea Grant Consortium, Biloxi, MS, November 2012.
- 2012 Kalin, L., Noori, N., LeBleu, C., Srivastava, P., Bays & Bayous Conference, "Identifying Flood Generating Areas in 8-Mile Creek Watershed", Mississippi-Alabama Sea Grant Consortium, Biloxi, MS, November 2012.
- 2012 LeBleu, C. Alabama Association of Regional Councils (AARC), "The Alabama Solid Waste Study: Evaluating Potential Enhancements to the State of Alabama Solid Waste Program," AARC, Fairhope, AL. October 2012.
- 2012 Noori, N. (presenting author), Kalin, L., Srivastava, P., LeBleu, C. (25%), Southeast Climate Consortium Annual Meeting, "Urbanization Impacts on Peak Flows in Southwest Alabama: Role of Climate," South East Climate Consortium, Auburn University, AL. April 2012.
- 2010 Hargrove, W. (presenting author), C. LeBleu. "Economic Development and Flood Reduction in Mobile, AL through Mixed-Use Infill and Sustainable Stormwater Management Practices. Emerging Issues 3--Along the Urban-Rural Interface Conference, Atlanta, GA. April 11-14, 2010.
- 2010 Smithson, Tyler (presenting author), C. LeBleu. "Urban Markets as a Method of Downtown Revitalization through Facilitating Cultural and Economic Exchange." Emerging Issues 3--Along the Urban-Rural Interface Conference, Atlanta, GA. April 11-14, 2010.
- 2007 Chen, S. and C. LeBleu (presenting author). "Integrated Ecological Infrastructure into Town Planning: Hedgerows as Green Belt and Landscape Interface." CELA 2007 Ecological Landscaping Conference, Ohio State University, Columbus, Ohio. Proceedings.
- 2005 LeBleu, C. "GIS and the Reclamation of Place: A Community Restoration Plan for Columbus, GA." 2005 Council of Educators in Landscape Architecture Conference, Athens, Georgia. Proceedings.
- 2004 LeBleu, C. "A River Runs Through It No More," American Planning Association 2004 National Planning Conference, Washington D.C.
- 2004 LeBleu, C. "A River Runs Through It No More," 2004 Council of Educators in Landscape Architecture Annual Conference, June 25 – 29, 2004; Lincoln University, Canterbury, New Zealand.
- 2004 LeBleu, C. "Reinforcing Watershed Concepts through A Charrette" National Association of Environmental Educators 2004 Annual Conference. Biloxi, MS.
- 2003 LeBleu, C. "Spatial Reclamation of a Historic High School: Reclaiming John Nolen's Plan for Columbus High School, Columbus, GA." 2003 Council of Educators in Landscape Architecture Conference, Sept. 24 – 27, 2003; Clemson, NC.

**Peer Reviewed Panel Presentations**

- 2021 Li, M., R. Wang, C. Ellis and C. LeBleu (25%). CELA Centennial Celebration Review: Examining the Past, Present, and Future. 2021 Council of Educators in Landscape Architecture (CELA; acceptance rate 58%), virtual, March 17-19, 2021 (peer reviewed)
- 2019 LeBleu, C., J. Langham, B. Burmester, T. Holcomb. Campus Planning & Design: Incorporating frameworks to advance sustainable goals. Alabama-Mississippi ASLA Twin States Conference, "Creating Resilient Solutions," Von Braun Center, Huntsville, Alabama. April 4-6, 2019.
- 2018 LeBleu, C. (CELA), P. Meyer (CLARB), K. Brooks (LAAB), D. Deutsch (LAF), N. Moradinejad, (CSLA) and G. Miller (ASLA). Climate Change—How is your organization responding. 2018 ASLA Annual Meeting, Philadelphia, PA. Oct 18, 2018.
- 2015 Mittal, J., S. Byahut, C. LeBleu, Auburn University Outreach Symposium 2015, "The Revitalization of Peacock Place, Montgomery, Alabama." February 2015. Panel Presentation.
- 2014 Retzlaff, R., J. Mittal, S. Byahut, C. LeBleu, 106th National Planning Conference of American Planning Association (APA), "Revitalizing Historic Montgomery," American Planning Association (APA), Atlanta, GA, April 2014.
- 2014 LeBleu, C., R. Retzlaff, S. Whitehouse, S, 2014 National Planning Conference, "Marine Spatial Planning Advancing Zoning-Based Sea Use Management," American Planning Association, Atlanta, GA, April 2014.

**Conference reviews for journals**

- 2007 LeBleu, C. Negotiating Landscapes: Annual Meeting of the Council of Educators in Landscape Architecture Penn State University State College, Pennsylvania August 14–19, 2007. *Landscape Jrnl.* 27(1): 163-165.

**Referee/Peer Reviewer**

- 2022 Review of Promotion of Full Professor, University of Georgia, Landscape Architecture; August 2022.
- 2022 Review 22 conference abstracts, Theme Track, *Evolving Norms: Adapting Scholarship to Disruptive Phenomena*, 2022 Council of Educators in Landscape Architecture (CELA) Annual Conference, Santa Ana Pueblo, NM. March 16-19, 2022.
- 2021 Water (Journal) MDPI. Title: Water Field Distribution Characteristics under Slope Runoff and Seepage Coupled Effect Based on the Finite Element Method. Review of paper for Water (Journal) MDPI (published December 21, 2021).
- 2021 Review of Promotion of Full Professor, New Mexico State University Landscape Architecture; October 2021.
- 2021 Review of Promotion and Tenure of Associate Professor to Professor, Penn State University Landscape Architecture; September 2021.
- 2021 Review of Promotion and Tenure of Assistant Professor to Associate Professor, University of Arizona Landscape Architecture, July 2021.
- 2021 Landscape Research Record (LRR), Landscape Performance Category, Title: The Emergence of the SITES Rating System for Enhancing Public Places. Review of paper for publication in LRR June 2021., Landscape Performance Category (published Nov. 2021).
- 2021 Land (Journal) MDPI. Title: Runoff volume reduction using green infrastructure. Review of paper for Land (Journal) MDPI (published March 21, 2021).
- 2020 Routledge Taylor-Francis Group. Review of the book, *Landscape Architecture for Mitigating Sea Level Rise* by Galen Newman and Zixu Qiao. December 2020.
- 2020 (Journal of) LAND. Review of paper for scholarly publication, Dec. 2020.

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- 2020 Landscape Research Record IX. Review of five papers for scholarly publication, June 2020.
- 2020 City of Mobile, AL Unified Development Code Update, External reviewer. April 2020. Review green infrastructure standards for development in the city of Mobile.
- 2020 Routledge Taylor-Francis Group. Routledge Handbook of Contemporary Themes in Urban Landscape Architecture Research by Kate Bishop and Linda Corkery. March 2020.
- 2020 (Journal of) WATER. Review of paper for scholarly publication, Jan 2020.
- 2020 Auburn University Internural Grant Program (IGP), January 2020 (reviewer).
- 2020 Mississippi-Alabama Chapter of the American Planning Association Conference, Online, Dec 7 – 12, 2020 (reviewer).
- 2018 Review of conference abstracts, Landscape Planning & Ecology Track, 2018 Council of Educators in Landscape Architecture (CELA) Annual Conference, Blacksburg, Virginia. March 21-24, 2018.
- 2018 Review of Tenure & Promotion of University of Kentucky Assistant Professor, Tenure-Track, candidate.
- 2018 Journal of Environmental Management. *The Influence of Climate on the Effectiveness of Low Impact Development: A Systematic Review*. External Peer-Reviewer; August 2018.
- 2018 Review conference abstracts, Landscape Planning & Ecology Track and Landscape Performance Track, 2018 Council of Educators in Landscape Architecture (CELA) Annual Conference, Blacksburg, VA. March 21-24, 2018.
- 2018 Review conference papers for publication in Landscape Research Record VII, the official proceedings of the 2018 Annual CELA Conference, Blacksburg, VA. August 2018.
- 2017 Review of conference abstracts, Landscape Planning & Ecology Track, 2017 Council of Educators in Landscape Architecture (CELA) Annual Conference, Beijing, China. May 26-29, 2017.
- 2017 Review of Tenure & Promotion of Mississippi State University Assistant Professor Tenure-Track candidate.
- 2017 Journal of Ecological Engineering. *The Design Method for Concrete Waterfront Amphibian Ladder Along Streams Ecological Engineering*. External Peer-Reviewer; April 2017.
- 2017 Member of ASLA 2017 Professional Awards jury. Judged national awards in the research category. Washington, D.C. April 2017.
- 2017 Peer evaluator for the School of Fisheries, Aquaculture, and Aquatic Sciences (Fall 2017). Review department's self-study and on-site review team. Provided institutional perspective during process.
- 2016 National Institutes for Water Resources (NIWR), Reviewer for national grant proposals.
- 2016 Journal of Ecological Engineering. Review of journal submission.
- 2016 Review of Tenure & Promotion of Texas A&M University Assistant Professor Tenure-Track candidate.
- 2016 Review of Tenure & Promotion of Cornell University Assistant Professor Tenure-Track candidate.
- 2016 Review of conference abstracts, Landscape Planning & Ecology Track, Council of Educators in Landscape Architecture (CELA) Annual Conference, Salt Lake City, Utah.
- 2015 Review of Tenure & Promotion of University of Georgia Assistant Professor Tenure-Track candidate.
- 2015 Council of Educators in Landscape Architecture (reviewer, conference abstracts & papers): Reviewed for the Landscape Planning and Ecology Track.
- 2015 Canada Foundation for Innovation, Reviewer, Grant Proposals.
- 2015 Journal of Ecological Engineering.

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- 2015 Landscape Architecture Foundation (LAF). Review landscape architecture cases studies of built works.
- 2015 American Society of Landscape Architects: Awards jury member for the states of Pennsylvania, and Rhode Island; review professional design awards.
- 2015 Review of Tenure & Promotion of University of Georgia Assistant Professor Tenure-Track candidate.
- 2015 Council of Educators in Landscape Architecture (CELA) Annual Conference, "Incite Change – Change Incite." Kansas State University, Manhattan, KS. 3/24/15 – 3/28/15. Co-Track Chair--Landscape Ecology and Planning Track. Reviewer for Landscape Ecology and Planning Track, Design Implementation Track and Design Implementation Track. Refereed abstracts and full papers
- 2014 Council of Educators in Landscape Architecture (CELA) Annual Conference, "Landscape, City & Community." Morgan State University, Baltimore, MD. 3/26/14 – 3/29/14. Co-Track Chair--Landscape Ecology and Planning Track. Reviewer for Landscape Ecology and Planning Track, Design Implementation Track and Design Implementation Track. Refereed abstracts and full papers.
- 2014 Water Environmental Research Journal, Reviewer, Journal Article. "Comparing Bioretention with and without an Internal Water Storage Layer for Highway Runoff by Ming-Han Li, Mark Swapp, Myung Hakim, Kung-Hui Chu, and Chan Long Sung. *Water Environ Res.* 2014 May;86 (5):387-97.
- 2014 Auburn University Graduate Research Forum. Judge—Graduate Student Competition. Judge for research category. April 9, 2014.
- 2013 Council of Educators in Landscape Architecture (CELA) Annual Conference, "Space? Time/ Place? Duration." University of Texas, Austin, TX. 3/26/13 – 3/31/13. Co-Track Chair--Landscape Ecology and Planning Track. Reviewer for Landscape Ecology and Planning Track, Design Implementation Track and Design Implementation Track. Refereed abstracts and full papers
- 2013 Auburn University Graduate Research Forum. Judge—Graduate Student Competition. Judge for research category. March 7, 2013.
- 2012 Council of Educators in Landscape Architecture (CELA) Annual Conference, "Finding Center, Landscape + Value." University of Illinois at Urbana-Champaign. 3/28/12 – 3/31/12. Track Chair--Landscape Ecology and Planning Track. Reviewer for Landscape Ecology and Planning Track, Design Implementation Track and Design Implementation Track. Refereed abstracts and full papers
- 2011 Journal article review. Junko Kishima, Shigeki Harada, and Rina Sakurai. "Suitability for water quality using *Zostera japonica*." For *Journal of Ecological Engineering*. Vo. 37 Issue 9, pages 1416 – 1419.
- 2011 Council of Educators in Landscape Architecture (CELA) Annual Conference, "Urban Nature." Los Angeles, CA. 3/30/11-4/2/11. Track Chair--Landscape Ecology and Planning Track. Reviewer for Landscape Ecology and Planning Track, Design Implementation Track and Design Implementation Track. Refereed abstracts and full papers.
- 2011 Auburn University Graduate Research Forum. Judge—Graduate Student Competition. Judge for design category. March 6, 2011.
- 2010 CELA/ ISMOL International Conference, Maastricht, Netherlands. Landscape & Ecology Track Chair. Reviewed abstracts and full papers for International conference.
- 2010 Journal article review. Yang, Bo and Ming-Han Li "Ecological engineering in a new town development: Drainage design in The Woodlands, Texas." For *Ecological Engineering*." Published as Vol. 36, Issue 12. December 2010. Pages 1639-1650.
- 2010 Book review. King, Jason A. "Green Streets for sustainable stormwater design." John Wiley, New York.
- 2010 Judge—Graduate Student Competition. Auburn University Graduate Research Forum. Judge for design category. March 6, 2010.

## Charlene M. LeBleu, Curriculum Vitae

- 2009 Council of Educators in Landscape Architecture International Conference, Maastricht, the Netherlands. Track Chair--Landscape Planning and Ecology. Refereed abstracts and full papers.
- 2008 Council of Educators in Landscape Architecture Annual Conference, Phoenix, Arizona. Track Chair--Landscape Planning and Ecology. Refereed abstracts and full papers.
- 2006 American Society of Landscape Architects Annual Meeting & Expo, San Francisco, California. Refereed abstracts and full papers.
- 2006 International Canadian Society of Landscape Architects/ Council of Educators in Landscape Architecture Conference Vancouver, British Columbia. Refereed abstracts.
- 2005 Council of Educators in Landscape Architecture Annual Conference, Athens, GA. Refereed abstracts and full papers.

### **Professional Reports & Electronic Publications**

LeBleu, C. (25%), R. Retzlaff, and K. Leousis. Historic Alabama City Plans. Final Report. IGP/CADC Seed Grant (Internal Funding); 7 pages; Feb 2021.

Heim-LaFrombois, M., S. Byuhut and C. LeBleu (33%). Mediating the Impacts of Local Flooding in the Mississippi-Alabama Coastal Area and the Plan Quality Score Card. Final Report. Mississippi-Alabama Sea Grant Consortium Grant; 25 pages; June 2021.

LeBleu, C. (25%), J. Cameron, R. Retzlaff and K. Leousis. Historic Alabama City Plans. 2021. Online GIS repository of 1,000+ historic Alabama plans located on the Library of Architecture, Design and Construction (LADC) website. <https://www.lib.auburn.edu/ladc/>

LeBleu, C. Alabama Cooperative Extension System, Alabama Smart Yards (online); Chapter 5—Reduce Runoff. December. 2020. Updated online version of original May 2009 book.

LeBleu, C. Landscape Architecture Foundation (LAF) Landscape Performance Case Study Investigation (CSI). March 2018. Samford Park at Toomer's Corner, Auburn University, Auburn, AL. <https://landscapeperformance.org/case-study-briefs/samford-park-at-toomers-corner>

LeBleu, C. Landscape Architecture Foundation (LAF) Landscape Performance Case Study Investigation (CSI). March 2018. Railroad Park, Birmingham, AL. <https://landscapeperformance.org/case-study-briefs/railroad-park>

Retzlaff, Rebecca & Charlene LeBleu (50%). Alabama Coastal Marine Planning Tool. On-line map developed for the Mobile Bay National Estuary Program. June 2016. <http://www.arcgis.com/apps/Viewer/index.html?appid=28ee2b81558d4aeab563164137b1cec7>

Retzlaff, Rebecca & Charlene LeBleu (50%). Advancing Coastal Marine Planning & Alabama. For Mobile Bay National Estuary Program. June 2016. Final Report 21 pp. <http://www.arcgis.com/apps/Viewer/index.html?appid=28ee2b81558d4aeab563164137b1cec7>

Hayworth, J., Clement, P., LeBleu, C. (25%), Anderson, B. "Administrative & Technical Support in Evaluating Public Input on Potential Enhancements to the State Solid Waste Program— Phase II. Framework for Changing Alabama's Approach to Solid Waste Management. 47 pp. November 2014. <http://www.adem.state.al.us/programs/land/swreport/Phase2FinalReport.pdf>

Hayworth, J., Clement, P., LeBleu, C. (25%), Anderson, B. "Administrative & Technical Support in Evaluating Public Input on Potential Enhancements to the State Solid Waste Program—Phase I Potential Enhancements to the Alabama Solid Waste Landfill Permitting Process." 76 pp. May 2013. <http://www.adem.state.al.us/programs/land/swreport/Phase1FinalReport.pdf>

Dylewski, K., Brown, J., LeBleu, C. (25%), Brantley, E. " *Low Impact Development Handbook for the State of Alabama.*" (2013). Peer reviewed. 262 pp. Peer reviewed. [www.aces.edu/lid](http://www.aces.edu/lid)

LeBleu, C. " *Roadside Wildflower Management Plan for Troup County, GA.*" Published by the Troup County, Georgia City Commission. 55 pp. May 2011. Peer reviewed.

## Charlene M. LeBleu, Curriculum Vitae

LeBleu, C. *"Taking Measures across the Old Federal Road—Macon County, AL."* Published by the Alabama Cooperative Extension System. 63 pp. Nov. 2011. Peer reviewed.

LeBleu, C. *"A Graphic Ecological Characterization of the Lower 8 Mile Creek Watershed--Prichard, AL."* Published by Mobile Bay National Estuary Program, Mobile, Alabama 50 pp. May 2010. Peer reviewed.  
[http://www.mobilebaynep.com/images/uploads/library/A\\_Graphic\\_Ecological\\_Characterization\\_of\\_the\\_Lower\\_8\\_Mile\\_Creek\\_Watershed%E2%80%94Prichard,\\_AL.pdf](http://www.mobilebaynep.com/images/uploads/library/A_Graphic_Ecological_Characterization_of_the_Lower_8_Mile_Creek_Watershed%E2%80%94Prichard,_AL.pdf)

LeBleu, C. *Reducing Stormwater Runoff. Chapter 9--Alabama Smart Yards*, May 2009 (Peer reviewed).  
<https://www.slideshare.net/Sotirakou964/alabama-smart-yards>

LeBleu, C. *"Potential Stormwater Problems Associated with Land Development."* for the Erosion and Sediment Control and Stormwater Management Handbook for Alabama. August 2008. Peer reviewed.

LeBleu, C. *"Feasibility Study for Public Access Opportunities: Dauphin Island, Alabama."* Published by The Mobile National Estuary Program, Mobile, Alabama 45 pp. March 2006. Peer reviewed.

### **Publications Authored by Others Profiling Work**

Donald E. Davis Arboretum (Facebook; June 2021). Introducing Our New Game of the Week Series! May 24, 2021 New "Game of the Week" series for summer! Each Monday a new outdoor game will be introduced and created specifically for us by Auburn University's Landscape Architecture students (LAND 7440 Seminar in Communication; Spring 2021).

APLA (web). MLA Studio III Collaborates with Davis Arboretum (with Tom Hogge); Feb 8, 2021.  
<https://cadc.auburn.edu/mla-studio-iii-collaborates-with-davis-arboretum/>

CADC (web). Increasing Sustainability through Use of Rain Gardens (with J. Morash, A. Wright, A. Meder, R. Kessler, E. Brantley and J. Howe); January 2021. <https://cadc.auburn.edu/increasing-sustainability-through-use-of-rain-gardens/>

The Architects Newspaper. Design Crit: A nationwide "Superstudio" aims to broaden the appeal of the Green New Deal beyond the liberal coast, by Zach Mortice. Oct. 28, 2020, Landscape Architecture feature. Student work from Fall 2020—LAND 6330 Studio III. [https://www.archpaper.com/2020/10/nationwide-superstudio-aims-to-broaden-the-appeal-of-the-green-new-deal/?utm\\_source=hootsuite&utm\\_medium=&utm\\_term=&utm\\_content=&utm\\_campaign=](https://www.archpaper.com/2020/10/nationwide-superstudio-aims-to-broaden-the-appeal-of-the-green-new-deal/?utm_source=hootsuite&utm_medium=&utm_term=&utm_content=&utm_campaign=)

Spotlight on Agriculture, Season 1 Episode 4 | 56m 40s (8:21 - 10:45). Alabama Public Television. Spotlights the Green Infrastructure Laboratory at the CASIC Building in the AU Research Park. Nov 2018.  
<https://www.pbs.org/show/spotlight-agriculture/>

The FIELD, American Society of Landscape Architects, ASLA Professional Practice Networks' Blog. Mitigating the Thermal Characteristics of Stormwater. May 31, 2018.  
<https://thefield.asla.org/2018/05/31/mitigating-the-thermal-characteristics-of-stormwater/>

Auburn News/CADC News. Landscape Architecture Foundation Honors AU Case Studies. CADC News. May 9, 2018.  
<http://cadc.auburn.edu/news/view/593>

Auburn News. "Landscape architecture faculty win Council of Educators in Landscape Architecture awards." (2016).  
<http://cadc.auburn.edu/architecture/news/view/454>

CADC News Letter. "LeBleu and Parker win Alabama APA Leadership Awards." CADC News (2015).  
<http://studioapla.auburn.edu/content/lebleu-and-parker-win-alabama-apa-leadership-awards>  
Studio APLA, "MLA Summer 2015 Student Work", <http://studioapla.auburn.edu/content/featuring-mla-summer-2015-student-work>

"Sustainability in Action: In Action." Auburn University Office of Sustainability (April 2015).  
<http://wp.auburn.edu/sustainability/sia-lebleu/>

Parkerson Mill Creek Watershed Implementation Project—Final Report, September 30, 2014.  
<https://ssl.acesag.auburn.edu/natural-resources/water-resources/watershed-planning/watershed-projects/parkersonmillcreek/documents/2014PMCFinalReport.pdf>

## Charlene M. LeBleu, Curriculum Vitae

"Marine Spatial Planning; Landscape Architecture Magazine." National magazine for American Society of Landscape Architects. Article on Charlene M. LeBleu by Adam F. Arividson. (August 2014).

<http://landscapearchitecturemagazine.org/2014/08/14/ga-marine-spatial-planning/>

"Restoration of Parkerson Mill Creek at the Auburn Wellness Kitchen" by Mike Clardy. Auburn University web, Auburn, AL. (July 30, 2014).

"Makeover gives new look to Parkerson Mill Creek on Auburn's campus." Wire Eagle. (July 2014)

"Parkerson Mill Creek: from ditch to destination." The Auburn Plainsman. (July 3, 2014)

"Prototype project on Auburn campus saves water, feeds beautiful rain garden." Wire Eagle. (September 2013)

"Learning Lot--Permeable Concrete." Concrete Works (Trade Publication for the Alabama Chapter of the American Concrete Association). Article on project by M. Hein, M. Dougherty and C. LeBleu in AU Arboretum. (2012).

"Decision-makers have new tool to identify flood-causing trouble areas." Bayou Briefs, Publication of Mississippi – Alabama Sea Grant Consortium. Article on project by LeBleu, C. & Kalin, L. in 8-Mile Creek, Prichard, AL. (December 2012).

"Charlene LeBleu—Featured Principal Investigator." Center for Forest Sustainability. Web page.

[https://fp.auburn.edu/cfs/pi\\_article\\_old2.aspx](https://fp.auburn.edu/cfs/pi_article_old2.aspx) Sept. 2011.

AU Daily--Green for Life! Demonstration project created by the CADC students was awarded the Best Community Design Award by the Alabama Chapter of the American Society of Landscape Architects in Birmingham on March 26, 2011, and received the Outstanding Team Project Award from the Alabama Chapter of American Planning Association in Eufaula on April 1, 2011.

*R3: Redirect and Reuse Runoff*—Charlene LeBleu, M. Dougherty & E. Brantley. Feature article on rain garden research collaboration. Web page for Office of the Vice President for Research, Auburn University. Sept. 2011.

"Rainwater Harvesting Exhibit to Open at 3-D Arts Building and Dudley Gallery." AU Daily, 4/7/10.

"Professor Honored for Work on Mobile Green Streets." AU Daily, 7/29/10.

"Focus of Sustainability for Landscape Architecture." Auburn Plainsman, 9/16/10.

"Green Streets Promote Creative Stormwater." The Business View. Published by the Mobile Area Chamber of Commerce-Envision Coastal Alabama. Sept 2010. pg. 17.

"AU Students to Storm Campus—TigerStorm Charrette." Auburn Plainsman, 10/26/10.

"Green for Life!" Acclaim! Newsletter for the Alabama Chapter of the American Society for Landscape Architecture. February 2010. Page 7.

Madison Spirit, Madison AL January 2009. "AU Landscape Architecture Students Assist with Master Plans."

Auburn Magazine, Auburn University, AL Spring 2009. "Faculty Spotlight--Meet the Professor: Charlene LeBleu '03 Assistant Professor of Landscape Architecture, College of Architecture, Design & Construction."

Macon Magazine, Macon, Georgia December 2009. "Camilla Comeback—Students plan historic garden restoration."

National Wildlife Federation. Climate Education (online) Dec. 22, 2009. "Permeable Concrete Reduces Emissions." Research Team Testing "Green" Concrete at Arboretum Parking. CADC News—Auburn University College of Architecture, Design and Construction. Spring 2009. Pp. 9-11.

*LORMAN* Stormwater Newsletter. Jan. 2008. "Current Issues in Stormwater Management in Alabama." With Matthew Dunn, P.E., Steve Newton, P.E., and Judy Palfray, City of Montgomery, Water Board.

*AG ILLUSTRATED*—Publication of Alabama Cooperative Extension Service. April 2008.

"Assessing Nutrient Reduction in a Rain Garden with an Internal Water Storage (IWS) Layer." with Mark Dougherty, PhD and Eve Brantley, PhD.



## Charlene M. LeBleu, Curriculum Vitae

*AU Research News*. July/ August 2008. "Rain Gardens Provide Beauty and Ecological Benefits."

Montgomery Advertiser. "Legislative Water Short Course at Auburn University." May 16, 2008. Taught "Stormwater and Land Use" for this short course for Alabama legislatures.

### **Invited Screenings/Broadcasts/Performances**

#### **Broadcast**

2012 "Green for Life!" in Backyard Wisdom Radio Broadcast; Troy University Public Radio. (2012).

### **Other Scholarly Activities**

#### **National Conference Organizer**

Council of Educators in Landscape Architecture (CELA) Annual Conference

2020 CELA 100<sup>th</sup> Anniversary Conference, Louisville, Kentucky. Call for abstracts June 2019. In charge of speaker invitations, field trips, scheduling, hotel interactions, etc.

2016 *Dilemma & Debate*, Utah State University; Salt Lake City, Utah (433 abstracts; 48 full-papers; 352 attendees). In charge of abstract reviews and full-paper submissions, including scheduling of presentations, posters, panel presentations and film reviews.

2015 *Incite Change; Change Insight*, Kansas State University, Manhattan, Kansas (348 abstracts; 42 full papers; 323 attendees). In charge of abstract reviews and full-paper submissions, including scheduling presentations, posters, panel presentations and film reviews.

#### **Photographs/Visual Contribution to a publication**

2012 LeBleu, C., Copywriter and photo editor for "Plumbing, Electricity, Acoustics: Sustainable Design Methods for Architecture" by Norbert Lechner.

### **Grants and Funded Research**

#### **External Funding**

2023 LeBleu, C. National Landscape Architecture Foundation (LAF) Case Study Investigation Grant. *Case Study: Gulf State Park Master Plan & Phase 1 Implementation, Gulf Shores, AL*. \$11,200 Awarded Dec 2021. Feb 2022 – Jan 2023.

2020 Hogge, C. (PI) and C. LeBleu (Co-PI). Pell City, AL Re-Vision. Alabama Department of Environmental Management (ADEM). Brownfield redevelopment Project Funds, \$9,397.99. 2020–2021.

2018 Knappenberger, T.(PI), C. LeBleu (Co-PI; 33%), E. Brantley (Co-PI). "Parkerson Mill Creek Watershed Management Plan Implementation (HUC 03150110-0301): Low Impact Development BMPs." Alabama Department of Environmental Management, Clean Water Act Section 319 (h) FY2017 Nonpoint Source Watershed Project Funds, \$158,629. Sept. 2018 – Aug 2022.

2018 Heim-LaFrombois, M. (PI), S. Byuhut (Co-PI) & C. LeBleu (Co-PI; 33.3%). "Mediating the Impacts of Local Flooding in the Mississippi-Alabama Coastal Region through Green Infrastructure Plan Evaluation." Mississippi-Alabama Sea Grant Consortium. \$80,502. Feb 2018 – May 2021.

2017 Dagg (PI) and C. LeBleu (Co-PI); 50%. Hillside Neighborhood Design Research. DASH LaGrange, LaGrange, GA. \$15,000. Jan. 2017 – Aug. 2017.

## Charlene M. LeBleu, Curriculum Vitae

- 2016 LeBleu, C. National Landscape Architecture Foundation (LAF) Case Study Investigation Grant. Samford Park at Auburn University, AL & Railroad Park, Birmingham, AL \$15,000. Feb. 2016 – August 2016.
- 2015 Smith, D. & C. LeBleu (50%). Co-PI. "Town Creek Watershed Restoration at Auburn University." 5-Star National Wildlife Foundation Grant. \$86,256. July 01, 2015 – June 30, 2017.
- 2015 Retzlaff, R. & C. LeBleu (50%). Co-PI. "Advancing Coastal Marine Planning in Alabama." \$43,879. Mobile Bay National Estuary Program. June 01, 2015 – December 31, 2015.
- 2014 LeBleu, C. (Supporting), Grant, "Urban Sustainability Accelerator for Auburn, AL," The Summit Foundation in Washington, D.C. and the Institute for Sustainable Solutions at Portland State University, Private, \$18,000.00. June 2014 - May 2015).
- 2012 Hayworth, J., Clement, P., Anderson, B. & C. LeBleu (25%) Co-PI. "Administrative and Technical Support in Evaluating Public Input on Potential Enhancements to the State Solid Waste Program." Alabama Department of Environmental Management (ADEM). \$496,826. April 2012 – March 2014.
- 2012 Anderson, C., L. Kalin, C. LeBleu (30%) Co-PI. "Determining the Role of Headwater Wetlands for Water Quality Improvement in Coastal Alabama, Mississippi-Alabama Sea Grant Consortium. \$330,976. Feb 2012 – Jan 2014.
- 2011 LeBleu, C. (25%), B. Smith, M. Dougherty, and J. Vasconcelos. Co-PI. "Scope of Work and Budget for the Property of the Alabama Chapter of the Associated General Contractors of America in Russell County, Alabama." \$317,041. Dec. 2011 – Jan 2014.
- 2011 Wright, A. and C. LeBleu (50%). Co-PI. "Utilizing Greywater for Landscape and Green Roof Irrigation." Section 194, Water Resources Research Act of 1984 to the Alabama Water Resources Research Institute (AWRRI). \$58,043. March 2011 – Feb 2012.
- 2010 Harston, J., E. Brantley, C. LeBleu (30%) and M. Dougherty. Co-PI. "Stormwater Pollutant Reduction through Residential Low Impact Development (LID), Auburn, AL Demonstration Project—Lundy Chase II." ADEM Clean Water Act Section 319(h). \$525,000. April 2007 – Sept. 2011.
- 2010 LeBleu, C. PI. "Roadside Wildflower Management Plan for Troup County, GA." Troup County Commission. \$8,064. August 2010 – May 2011.
- 2010 Deutsch, W., E. Brantley, and C. LeBleu (30%). Co-PI. "Implementation of Phase 2 of the Saugahatchee Watershed Management Plan (SWaMP)—Low Impact Development (LID) Manual for the State of Alabama." ADEM Clean Water Act Section 319(h). \$140,944. Dec 2010 – Nov. 2013.
- 2010 LeBleu, C. PI. "Taking Measures across the Old Federal Road—Macon County, AL." Alabama Cooperative Extension System. \$19,841. Dec. 2010 – Nov. 2011.
- 2009 LeBleu, C. (33%), R. O'Neal Dagg, and C. Bell. Co-PI. "Implementing LID for Water Efficiency, Pollutant Removal and Sediment Control for Watershed Education: *Green for Life!*" Saugahatchee Watershed Management Plan Committee. \$24,380. Sept 2009 – Jan 2010.
- 2009 Kalin, L., P. Srivastava and C. LeBleu (33%) Co-PI. "Identifying Flood Generating Areas in 8-Mile Creek Watershed through a Novel Approach." Mississippi-Alabama Sea Grant Consortium. \$269,705. Feb 2009 – Jan 2012.
- 2009 LeBleu, C. PI. Enhancement of Bioretention to Promote Civic Hydrology and Sustainability for Coastal Cities through Innovative Planning, Design, and Engineering of Stormwater Management, Utilization and Control. PI. Mississippi – Alabama Sea Grant Consortium—Coastal Storms Program. \$71,429. July 2009 – June 2011.
- 2009 Hein, M., M. Dougherty, C. LeBleu (Co-PI.), and D. Smith "Evaluation of stormwater quality improvement through a pervious concrete pavement." Section 104, Water Resources Research Act of 1984 to the Alabama Water Resources Research Institute (AWRRI). \$54,666. March 2009 – Feb 2011.

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- 2008 LeBleu, C. PI. "A Graphic Ecological Characterization of the Lower 8-Mile Creek Watershed--Prichard, Alabama." Mobile National Estuary Program. PI. \$73,984.00. May 2008 – June 2010.
- 2008 Dougherty, M., B. Guertal, C. LeBleu (Co-PI) and E. Norton. "Techniques for Establishing Vegetation for Long-term Erosion Control on Disturbed Slopes." Alabama Department of Transportation. \$60,658. Jan 2008 – Nov 2010.
- 2008 Kalin, L., C. LeBleu (Co-PI), R. Retzlaff, S. Pan and B.G. Lockaby (peer reviewed). "Assessment of Population Growth and Development Impacts on the Fish River Basin Coastal Community." Mississippi Alabama Sea Grant Consortium. \$281,833. Feb 2008 - Jan 2011.
- 2008 Dougherty, M., C. LeBleu (Co-PI), and E. Brantley. "Evaluating Bioretention Contaminant Uptake and Removal in an Experimental Rain Garden Study." Alabama Water Resources Research Initiative. \$34,872. Feb 2008 – Jan 2010.
- 2008 Deutsch, W., P. Srivastava, L. Kalin, C. LeBleu (Co-PI), and Y. Zhang. "Bridging the Gap between Science, People and Policy for Sustainable Watershed Management in the Tallapoosa River and Beyond" Auburn University Water Resource Initiative Grant. \$750,000. June 2008 – July 2011.
- 2008 Hairston, J., E. Brantley, C. LeBleu (Co-PI) and M. Dougherty. "Stormwater Pollutant Reduction through Residential Low Impact Development (LID), Auburn, AL Demonstration Project." Alabama Department of Environmental Management Clean Water Act Section 319(h). \$525,000. Feb 2008 – Jan 2012.
- 2007 Tilt, K., A. Wright, C. LeBleu, C. (Co-PI), C. Gilliam, M. Dougherty, E. Brantley and C. Browne. "Best Management Practices for Residential Landscape Design and Container-Grown Plants to Control Nonpoint Source Polluted Runoff." Alabama Department of Environmental Management Clean Water Act Section 319(h). \$73,443. Feb 2007 – Jan 2009.
- 2006 Dougherty, M., B. Guertal, C. Mitchell, C. LeBleu (Co-PI) and J. Grace. "Techniques for Establishing Vegetation for Long Term Erosion Control on Disturbed Slopes." Agricultural Initiative Grant. \$119,392. Oct 2007 – Sept 2009.
- 2006 Dougherty, M., C. LeBleu (Co-PI) E. Brantley and C. Francis. "Evaluating Nutrient Removal in Bioretention with an Internal (IWS) Storage Layer." Alabama Water Resources Research Initiative. \$53,049. Feb 2006 – Jan 2008.
- 2006 LeBleu, C. PI. "Calhoun County, AL Landfill Park Master Plan." Auburn University Technical Assistance Grant. \$12,746. Sept 2006 – May 2007.
- 2005 LeBleu, C. PI. "Feasibility Study for Public Access Opportunities, Assessment and Evaluation—Dauphin Island, Alabama." Mobile Bay National Estuary Program. \$25,473. May 2005 – June 2007.
- 2005 LeBleu, C. PI. "GIS and Ecotourism: Interactively Mapping the Lower Cahaba River Basin for Recreation and Tourism Opportunities." Cahaba Community Foundation Grant. \$14,626. Oct 2006 – Sept 2008.
- 2005 Hairston, J., E. Brantley and C. LeBleu (Co-PI). "Community-Based Restoration Initiatives." United States Department of Agriculture—CSREES Water Quality Program. \$162,000. Feb 2005 – Jan 2006.
- 2005 Hatch, U. and C. LeBleu (Co-PI). "Water Resource Research Initiative." United States Geological Survey in cooperation with the Auburn University Environmental Institute. \$37,000.

### **Grants and Funded Research: Internal Funding**

- 2020 Hogge, C. (PI) and C. LeBleu (Co-PI). Convening the Coosas: Exploring Central Alabama's Relationships with the Coosa River. CADC Seed Grant; \$4,000. 2020; extended through 2021.
- 2019 LeBleu, C (PI). Effects of Reoccurring Flooding on Growth & Survival of Native Shrubs. CADC Seed Grant; \$5,000. Extended through 2021.
- 2018 Retzlaff, R., C. LeBleu (Co-PI, 33%), and K. Leousis. An Analysis of the Evolution of City Planning in Alabama and a Public Repository of City Planning Documents. Auburn University Internal Grants Program (IGP). Jan 2019 – Aug 2021. \$28,000.

## Charlene M. LeBleu, Curriculum Vitae

- 2017 LeBleu, C (PI) and Kasia Leousis. An Online Repository for Alabama's Historic Plans. CADC Seed Grant; \$4,000.
- 2016 LeBleu, C. (PI), A. Wright, K. Rahn, and M. Dougherty. "Using Pervious Pavements to Mitigate Heat Transfer between Impervious Surfaces and Stormwater Runoff." AU-IGP; Office of the Vice President for Research and Economic Development, Auburn University. \$18,000. May 2016 – April 2019.
- 2016 Friedmann, V., and C. LeBleu (PI). Marginal Utility: Roadside Ecology in the Mobile Bay Drainage Area. Auburn University College of Architecture, Design and Construction Seed Grant, Auburn University, Funding received \$5,000 (December 2015 - November 2016).
- 2015 Dougherty, M., D. Blersch, A. Wright, K. Rahn, C. LeBleu (Co-PI). "Light System Installation for Growth and Heat Balance Investigations into Water-related Phenomena." AL Agriculture Experiment Station (AAES), \$29,968.
- 2015 Rahn, K., and C. LeBleu (Co-PI). "Mitigating Heat Transfer from Impervious Surfaces to Stormwater Discharge Using Alternative Design Methods and Pavement Types." Center for Construction Innovation and Collaboration (CCIC); \$16,186. Oct. 2015 – Sept. 2016.
- 2015 LeBleu, C. (PI) and K. Rahn. "Using Pervious Pavements to Mitigate Heat Transfer between Impervious Surfaces and Stormwater Runoff." 2015 CADC Seed Grant; \$5,000. Oct. 2015 – Sept. 2016.
- 2015 Mittal, J. (PI), J. Pittari, S. Byahut, C. LeBleu (Co-PI). "Strategic Community Revitalization Plan for Inner City Montgomery, AL--Selma to Montgomery National Historic Trail along Oak, Jeff Davis, Holt, & Mobile Streets." Auburn University Outreach Grant. \$18,200.00
- 2014 LeBleu, C. (PI), and J. Langham, J. "Designing the Urban Landscape—LID." 2014 CADC Seed Grant; \$9,530.00. Nov. 2014 – Oct. 2013.
- 2013 Retzlaff, R. & C. LeBleu (Co-PI). "Marine Spatial Planning Along the Alabama Gulf Coast: A Conceptual Proposal and Analysis." Auburn University College of Architecture, Design, and Construction Seed Grant. \$4,630. Nov 2013 – Oct 2014.
- 2012 C. LeBleu (Co-PI), F. Parker and C. Hunt. "Improving Activity & Environmental Parameters in Auburn Housing Authority. AU-IGP. \$3,750. Feb 2012 – Jan 2013.
- 2011 C. LeBleu. PI. "AG Heritage Park Master Plan." College of Agriculture, Auburn University. \$10,000. Jan 2011 - May 2011.
- 2011 C. LeBleu. PI. "Engaging in Local, State, National and International Grant Collaborations with CADC Seed Grant Support." 2011 CADC Seed Grant. \$10,000. Dec. 2011 – Dec. 2012.
- 2008 C. LeBleu. PI. "Demonstration of Low Impact Development (LID) Practices to Reduce Nonpoint Source Polluted Runoff from a Residential Development in the Saugahatchee Creek Watershed." 2008 CADC Seed Grant \$15,000. Jan 2008 – Sept. 2011.
- 2005 C. LeBleu. PI. "Designing Institutions of Learning for Fitness." College of Architecture, Design and Construction Seed Grant. \$2,500. Oct 2006 – Sept 2007.

### **Other Research Related Responsibilities**

#### **2022 Graduate Students Supervised**

Kangkhita Aishwarya Bosu  
Helena Sterns

#### **2021 Graduate Students Supervised**

Craig Barker  
Kangkhita Aishwarya Bosu

**2020 Graduate Students Supervised**

Kaylee Britton  
Andres Orjuela

**2019 Graduate Research Assistants supported by grants**

Yi Zhu—IGP Grant  
Joe Nesbitt—MASGC Grant

**2018 Graduate Research Assistants supported by grants**

Yi Zhu—IGP Grant  
Joe Nesbitt—MASGC Grant

**2017 Graduate Research Assistants supported by grants**

Yi Zhu—IGP Grant  
Ryan Bowen—IGP Grant

**2016 Graduate Research Assistants supported by grants**

Britton Garrett—MBNEP Grant & LAF Grant.  
Ryan Bowen—LAF Grant

**2015 Graduate Research Assistants supported by grants**

Britton Garrett—MBNEP Grant  
Joshua Cameron—CADC Seed grant/ MBNEP Marine Spatial Planning grant

**2014 Graduate Research Assistants supported by grants**

Kenneth Speetjens—ADEM Landfill grant/ CADC Seed Grant  
Joshua Cameron—CADC Seed grant/ MBNEP Marine Spatial Planning grant

**2013 Graduate Research Assistants supported by grants**

Kenneth Speetjens—ADEM Landfill grant  
Maria Hines--MASGC 8-Mile Creek grant  
Rodney Benton—AGC grant  
Ada Hou—MASGC Wetlands grant  
Josh Vickers, ARCH/ CPLN 2 funded by AU IGP Grant  
Josh Cameron, CPLN, funded by ADEM Landfill Grant/ CADC SEED grant,

**2012 Graduate Research Assistants supported by grants**

Marjorie Woodbury—AGC grant  
Tyler Smithson— AGC grant  
Taylor French—ADEM LID Manual grant  
Russell Harrington-- Old Federal Road grant  
Claire Ritchey—AULA Program Fellowship (AG Heritage Park Master Plan)  
Courtney Lewis--AULA Program Funding (Boykin Community Green for Life! Project)

**2011 Graduate Research Assistants supported by grants**

Marjorie Woodbury—CADC Seed grant  
Dan Ballard—ADEM LID grant—Lundy Chase II Subdivision  
Tyler Smithson—MASGC Prichard, AL grant  
Jennifer Schmidt—MASGC Fish River Watershed grant  
Taylor French—ADEM LID Manual grant  
Oliver Preus—ADEM LID Manual grant  
Qing Huang—Old Federal Road grant  
Russell Harrington-- Old Federal Road grant  
Claire Ritchey—AULA Program Fellowship (AG Heritage Park Master Plan)

**2010 Graduate Research Assistants supported by grants**

Alina Phillips—MASGC Fish River grant  
Charles Biesecker—Tallapoosa Watershed grant  
Dan Ballard—ADEM LID grant  
Josh Lamberth—Tallapoosa Watershed grant  
Tyler Smithson—MNEP grant  
Justin Pasley—CADC Seed grant  
Rajesh Sawant—AL WRRRI  
Jennifer Schmidt--MASGC

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Joao Braz—MASGC grant & Tallapoosa Watershed grant  
Kelly Lee—MASGC grant

### **2009 Graduate Research Assistants supported by grants**

Dan Ballard—ADEM LID grant  
Matthew Biesecker—SWaMP grant  
Josh Lamberth—SwaMP grant

### **2008 Graduate Research Assistants supported by grants**

Mark Gullatte—CADC Seed grant  
Yifie Wang—CADC Seed grant  
Dan Ballard—ADEM LID grant

### **2007 Graduate Research Assistants supported by grants**

Laura Sanders—MBNEP grant  
Judd Langham—Calhoun Co., AL Technical Assistance grant  
Ralph Atkins—MBNEP grant

### **2006 Graduate Research Assistant supported by grants**

Manan Pathak—Cahaba Community Foundation grant

## **Other Funded Activities**

### ***Consulting***

City of Fairhope, AL, Fairhope, AL, Compensated. (May 2014 - August 2014). Fairhope Environmental & Economic Development (FEED) Initiative.

City of Semmes, AL. Conservation Subdivision Regulations, 6/6/11 – 6/10/11. Comprehensive Plan Assistance for new city of Semmes, AL.

Landscape Plan—Yoga Aanda Studio, Opelika, AL. "Edible Landscapes." 5/20/11 – 8/1/11.

Integrated Biomass Supply Systems (IBBSS) Charrette, Knoxville, TN Regional Charrette Co-Leader. 11/14-16/11  
Regional charrette leader for design of biomass systems. Auburn University, University of Tennessee, University of Georgia, and North Carolina State University.

## **Creative Work**

### ***Conference Exhibits***

"Green for Life!" 22nd Non-Point Source Conference sponsored by Alabama Dept. of Environmental Management. 1/26/11.

"Mobile Green Streets." 21<sup>st</sup> Non-Point Source Conference sponsored by Alabama Dept. of Environmental Management. 1/20/10.

"Community-Based Restoration Initiatives." 17<sup>th</sup> Annual Nonpoint Source Conference, Montgomery, AL. Jan 2006

"Mobile Green Streets." 21<sup>st</sup> Non-Point Source Conference; Alabama Dept. of Environmental Management. 1/20/10.

### ***Gallery Exhibits—Dudley Gallery***

"Africatown—Designing Africa in Alabama," Dudley Hall Gallery, Auburn University (February 8 – 22, 2012).

"Prunifolia Azalea" Watercolor. APLA Faculty Art Show—Selected Works. Dudley Hall Gallery. March 7 -18, 2011.

"Art in Agriculture" exhibit at 3-D Arts and Dudley Gallery, 4/5-17/10, with Christopher McNulty, Art Department.

## Charlene M. LeBleu, Curriculum Vitae

"LEED for Schools." Collaboration with Building Science. Professors LeBleu and McCurry; Dudley Hall Gallery. Fall 2006.

"LEED in the Landscape." Photo, drawing and model display. Outreach work by LAND 7330: Landscape Ecology class. Dudley Hall Gallery. Spring 2006.

"Catoma Creek Environmental Park Pre-Development Plan." Photo, drawing and model display. Dudley Hall Gallery. Outreach work by LAND 7330: Landscape Ecology class. Summer 2005.

"Dauphin Island Installation," Jule Collins Smith Museum of Fine Art, Auburn University, Auburn, AL. School of Architecture Faculty Exhibition. Spring 2005.

### **Movie**

"The Tallapoosa Watershed—The Movie" C. LeBleu (50%) and J. Braz. Shown at the Tallapoosa State of the Watershed Conference, Alexander City, AL. 5/25/10. A frustrated planner in the Tallapoosa Watershed receives visits from the Ghost of Land Use Past, Ghost of Land Use Present and the Ghost of Land Use Future. Shown at the Tallapoosa State of the Watershed Conference, Alexander City, AL. 5/25/10.

### **Creative Work--Other**

"Green for Life! (in collaboration with R. O'Neal Dagg & C. Bell) the project was added as National Case Study for Green Infrastructure, Stormwater Management & Outreach to the National ASLA website on 9/26/2011. For more information, visit:

[http://www.asla.org/uploadedFiles/CMS/Advocacy/Federal\\_Government\\_Affairs/Stormwater\\_Case\\_Studies/Stormwater%20Case%20130%20Green%20for%20Life,%20Auburn,%20AL.pdf](http://www.asla.org/uploadedFiles/CMS/Advocacy/Federal_Government_Affairs/Stormwater_Case_Studies/Stormwater%20Case%20130%20Green%20for%20Life,%20Auburn,%20AL.pdf)

## **Invited Presentations and Lectures**

### **International**

Using Low Impact Development to Protect Natural Resources. Lecture. Given to Beijing Forestry University Landscape Architecture on Monday, May 9, 2016.

"Using Low Impact Development to Protect Natural Resources" for faculty and student of Beijing Forestry University. 5/11/16. This lecture examined low impact development as a framework of land use protection and how it can be used in the planning and design decision-making process.

"Blinded by Growth," for Faculty of Business and Economics Conference/ Workshop Series, Universidad De Montevideo, Carrasco, 1604 Santiago Tips. 7/29/11. This conference/workshop is part of a series that will discuss the growth from two points of view, economic benefits and environmental impact, and how they relate to our quality of life.

### **National**

"Get Connected! Becoming an eXtension Member for Non-Extension Faculty." 2009 National eXtension Conference, St. Louis, MO. October 2009.

### **State**

Africatown State Park Charrette, Prichard, AL Thursday, Aug 12, 2021. Re-visitation and presentation of 2011 MLA Studio IV student work to charrette attendees. In the summer of 2011, the LAND 7130 Studio IV taught by Charlene LeBleu provided conceptual planning and design documents to the City of Prichard for the Africatown State park site between North Shelton Beach Road and North Crystal Springs Road in Prichard, AL.

Donald E. Davis Arboretum, Auburn, University, Auburn, AL, Spring Semester 2021 (Invited). LAND 7440 Seminar in Communication (3). This graduate seminar assisted the arboretum by engaging interpretive design initiatives for the AU Arboretum. Students worked as a team and individually to engage interactive media--an interpretive outdoor game and an interpretive board game. This class was taught in the Donald E. Davis Arboretum; seven graduate students.

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Framework Plan for the Donald E. Davis Arboretum, Auburn, University, Fall Semester 2021 (Invited). LAND 5330-6330 Studio III/ LAND 5331-6331 Fieldwork III (LeBleu & Hogge). This graduate studio provided planning and design assistance to the AU Arboretum. Students worked as a team and individually to provide planning and design assistance. This class was taught in the Donald E. Davis Arboretum; seven graduate students.

Olmsted 200 Lecture Series—Olmsted in Alabama (Invited). Chilton County Master Gardening Program, Tuesday, August 9, 2021, Clanton Community Center, Clanton, AL Landscape Architecture: Frederick Law Olmsted's Vision, Values and Resilient Designs. 38 attendees.

Development of Landscape Design in Early America. Landscape Design Course II, Garden Clubs of AL. Auburn University Hamm Arena. May 1, 2018.

Preservation of Historic Sites and Structures. Landscape Design Course II, Garden Clubs of AL. Auburn University Hamm Arena. May 1, 2018.

Parks, Playgrounds & Conservations Areas. Landscape Design Course II, Garden Clubs of AL. Auburn University Hamm Arena. Oct. 8, 2018.

Introduction to Urban Design. Landscape Design Course II, Garden Clubs of AL. Auburn University Hamm Arena. Oct 8, 2018.

Design for Low Water Use. Master Gardener Workshop, City of Auburn, AL. Harris Community Center. September 6, 2017.

Principals and Elements of Landscape Design. Landscape Design Course I, Garden Clubs of AL. Auburn University Hamm Arena. Oct 2, 2017.

Public Landscapes. Landscape Design Course I, Garden Clubs of AL. Auburn University Hamm Arena. Oct 2, 2017.

Development of Landscape Design in Early America. Landscape Design Course II, Garden Clubs of AL. Auburn University Hamm Arena. May 1, 2017.

Preservation of Historic Sites and Structures. Landscape Design Course II, Garden Clubs of AL. Auburn University Hamm Arena. May 1, 2017.

Introduction to Urban Design. Landscape Design Course III, Garden Clubs of AL. May 3, 2016.

Parks, Playgrounds & Conservation Areas. Landscape Design Course III, Garden Clubs of AL. May 3, 2016.

Design for the Future. Landscape Design Course IV, Garden Clubs of AL. October 16, 2016.

Community Participation, Organization and Individual Responsibility. Landscape Design Course IV, Garden Clubs of AL. October 16, 2016.

Introduction to Urban Design. Landscape Design Course III, Garden Clubs of AL. May 3, 2016.

Parks, Playgrounds & Conservation Areas. Landscape Design Course III, Garden Clubs of AL. May 3, 2016.

Using Low Impact Development to Protect Natural Resources. Lecture. Given to Beijing Forestry University Landscape Architecture on Monday, May 9, 2016.

Design for the Future. Landscape Design Course IV, Garden Clubs of AL. October 16, 2016.

Community Participation, Organization and Individual Responsibility. Landscape Design Course IV, Garden Clubs of AL. October 16, 2016.

"Coastal Marine Planning in Alabama" / Alabama APA AL-MS American Planning Association Conference / Perdido Beach, AL. October 2015.

Alabama Local Government Training Institute course on Community Building: "Developing a Plan for County Growth." April 2014 Presentation: Community Planning and Design

"Introduction to Urban Design" & "Parks, Playgrounds and Conservation Areas" for Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. April 2014.



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AARC Annual Meeting 2014, "Alabama Solid Waste Program--A Review of Policy," Alabama Association of Regional Councils, Fairhope, AL. October 2014.

AARC Annual Meeting 2013, "What is the Role of Regional Planning in Solid Waste Management," Alabama Association of Regional Councils, Fairhope, AL. October 2013.

"Preservation of Historic Sites & Structures" & "Development of Landscape Design in Early America" for Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. October 2013.

2012 Clear Water Alabama Field Day, "Low Impact Development," International Erosion Control Association, Birmingham, AL (2012).

"American Institute of Certified Planners (AICP)" for CPLN 5010/ 6010 Introduction to Planning. Sweta Byahut, Instructor. (March 2012)

"Community Participation--Organization and Individual" & "Designs for the Future" for Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. 5/30/12.

"Low Impact Development in the Tallapoosa Basin." 7<sup>th</sup> Annual State of Our Watershed Conference—Tallapoosa River "Celebrating Accomplishments and Looking Forward." Alexander City, AL 6/22/11. Conference speaker.

"Low Impact Development Tour—Auburn, AL." Alabama Soil & Water Conservation Clear Water Alabama Field Day/ Training Session. Auburn, AL 8/23-25/11. Conference speaker.

"Green Infrastructure Planning." Alabama Chapter of the American Planning Association Leadership Retreat, Helena, AL. 8/17/11. Workshop speaker.

"Principals and Elements of Landscape Design." for Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. 5/4/11.

"Public Landscapes." For Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. 5/4/11.

"Parks as Mirrors of Community." for Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. 5/4/11.

"Development of Landscape Design in America." for Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. 10/5/11.

"Preservation of Historic Sites & Structures." for Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. 10/5/11.

"What Plants Should I Use in a Bioswale?" AL ASLA Lunch & Learn. Aldridge Gardens, Birmingham, AL April 16, 2010

"LaFayette City Park Master Plan." LaFayette, AL City Council, Lafayette, AL 7/26/10.

"LaFayette City Park Master Plan." LaFayette Rotary Club, Lafayette, AL 6/8/10.

"Mobile Green Streets." Alabama Clean Water Partnership Fall Meeting, Montgomery, AL 10/27/10.

"Community Participation Organization and Individual Responsibility." Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. 5/4/10.

"Design for the Future." Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. 5/4/10.

"Development of Landscape Design in Early America." Landscape Design Course for the Garden Clubs of Georgia, LaGrange, GA. 3/20/10.

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"Preservation of Historic Sites and Structures." Landscape Design Course for the Garden Clubs of Georgia, LaGrange, GA. 3/20/10.

"Parks, Playgrounds and Conservation." Landscape Design Course for the Garden Clubs of Georgia, LaGrange, GA. 10/8/10.

"Development of Landscape Architecture from 1840 – 1940." Landscape Design Course for the Garden Clubs of Georgia, LaGrange, GA. 10/8/10.

"Introduction to Urban Design." Landscape Design Course for the Garden Clubs of Georgia, LaGrange, GA. 10/8/10.

"Green Infrastructure." League of Woman Voters, Auburn, AL 11/15/10.

"Low Impact Development Policies and Practices." 2009 Clean Water Alabama Conference. National Resource Conservation Service. Bessemer, AL October 2009.

"Green for Life—A Low Impact Development Demonstration for the Boykin Community, Auburn, AL." Saugahatchee Watershed Management Plan (SWaMP) October 2009.

"Parks, Playgrounds and Conservations Areas." Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. October 2009.

"Introduction to Urban Design." Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. Oct. 2008.

"Development of Landscape Design in Early America." Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. May 2009.

"Preservation of Historic Sites and Structures." Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. May 2009.

"Public landscapes." Landscape Design Course for the Garden Clubs of Alabama. October 2008.

"Principals and Elements of Design." Landscape Design Course for the Garden Clubs of Alabama. October 2008.

"Land Use Growth and Development" Water Workshop for the Alabama Joint Legislative Committee on Water Policy And Management" Auburn University, AL (June 2008).

"Low Impact Development" Alabama Congressional Earth Day, Montgomery, AL. (April 2008).

"Low Impact Development" Alabama Department of Environmental Management Municipality Conference Montgomery, AL (April 2008).

"Low Impact Development" Alabama Department of Environmental Management Non-Point Source Pollution Annual Conference, Montgomery, AL (February 2008).

"Low Impact Development Concepts" Alabama Soil and Water Field Day/ Training Session, Bessemer, AL (September 2008) invited by Earl Norton, Chairman.

"LEED Ratings and the ASLA Sustainable Sites Initiative." Alabama Soil and Water Field Day/ Training Session. Milstead, AL (December 2008) invited by Earl Norton, Chairman.

"Community-Based Restoration Initiatives." Alabama Urban Forestry Association 21st Annual Conference. Oct. 2005. Huntsville, AL.

"Recovering Landscape." City of Tarrant, AL Brownfield Redevelopment Task Force. September 2005.

"Parks, Playgrounds and Conservation Area," Urban Design," and "Landscape Design for Maintenance." 2005 National Federation of Garden Clubs Inc. and Garden Clubs of Georgia, Inc. Landscape Design Study Program, Course III, Series XXIII. Columbus, GA

"Innovative Storm Water Practices." 2005 Home Builders Association of Metro Mobile 2004 Annual Conference--Green Building: What's in it for you and you're Customers? Mobile, AL

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### Local

Three Mile Creek Studio—The Campground and The Bottom. Green Drinks Lecture; Alchemy Tavern, 7 South Joachim St., Mobile, AL. May 16, 2018.

Presentation of Scholarly Work to MLA Advisory Council. MLA Advisory Council Meeting, April 30, 2018.

Mobile, AL. ARCH 3010--Studio III, Kevin Moore, David Kennedy, Christian Dagg & IL Kim. Sept 23, 2016.

"Framework for Changing Alabama's Approach to Solid Waste Management." Lafayette, AL Rotary Club, Auburn, AL (June 2014).

"Lafayette New City Park." Lafayette, AL Rotary Club, Auburn, AL, April 2014.

"Low Impact Development." for FORY 7970--Urban Ecology. School of Forestry. 8/31/2011

"Low Impact Development." CPLN 6400—Preservation Planning. 4/1/10.

"How to Write a Grant." CPLN—Quantitative Methods for Planning 11/6/10.

"Digging Deeper." Panel discussion. "Reclaiming Ground—AG-Gardens-Art Series." Rouse Science Bldg. April 7, 2010.

"Low Impact Development." FORY 7970--Urban Ecology. School of Forestry. 8/31/2010

"Green Infrastructure & Low Impact Development." AU Green Builders, 10/12/2010.

"Green Infrastructure & Preserving Habitat." AU Wildlife Society, 10/26/2010.

"Green for Life—A Low Impact Development Demonstration for the Boykin Community, Auburn, AL." Saugahatchee Watershed Management Plan (SWaMP) October 2009.

"Parks, Playgrounds and Conservations Areas." Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. October 2009.

"Introduction to Urban Design." Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. October 2008.

"Development of Landscape Design in Early America." Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL May 2009.

"Preservation of Historic Sites and Structures." Landscape Design Course for the Garden Clubs of Alabama, Auburn, AL. May 2009.

"Integrated Strategies for Low Impact Development in Alabama Coastal Areas." Auburn University Coastal Roundup. March 2009.

"Low Impact Development." Forestry & Wildlife Sciences, FORY 7220--Landscape Ecology Dr. C. Anderson. Fall 2009

"Designing with LID." Biosystems Engineering 4th Year Capstone class. Dr. Mark Dougherty, PhD, Fall 2009

"Low Impact Development: Auburn, AL." Architecture 3rd year studio. Professor Alan Cook, Spring 2009

"GIS Applications." IDM Architecture class. Professor Alan Cook, Spring 2009

"Low Impact Development" Auburn Rotary Club, Auburn, AL (January 2008).

"Landscape Architecture and Green Building." Earth Smart Honors class for Dr. Sharon Stone, PhD, Fall 2008

"Designing with Infrastructure." Biosystems Engineering. For Dr. Mark Dougherty, PhD, Spring 2008

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"Parkerson Mill Creek, Auburn, AL." Architecture 3<sup>rd</sup> year studio for Professor Alan Cook, Spring 2008

"GIS Applications." IDM Architecture class for Professor Alan Cook, Spring 2008

Invited speaker to College of Engineering Collaborative Forum. Spring 2007

Invited speaker to Architecture Studio (Alan Cook) to speak on Rain Gardens/ Bioretention. Fall 2006

Invited speaker to Architecture Studio (Paul Zorr) to speak on Rain Gardens/ Bioretention. Spring 2006

### ***Other External Recognition***

#### ***Joint Appointment***

Adjunct Associate Professor School of Forestry and Wildlife Sciences. Courtesy Joint Appointment with School of Forestry; 2009 – 2014; renewed 2015-2019.

#### ***Specialist***

National eXtension Network, Low Impact Development Specialist, 2009 to 2020.

### **Teaching**

#### ***Courses Taught Past 4 Years***

2021 Spring LAND 7440: Seminar in Communication—Interpretive Design; 3 credits (7 students)  
Fall LAND 5360/6360 Dynamic Systems I: Urban Ecologies; 3 credits (6 students)

2020 Spring LAND 7280 001: Dynamic Systems II—Regional Ecology; 3 credits (11 students)  
Fall LAND 6330 Studio III (5)  
Fall LAND 6331 Field Work (1)  
Fall LAND 7280 Dynamic Systems II (3)

2019 Spring--Professional Improvement Leave (PIL)

Fall LAND 7230 001: Studio V; 5 credits (10 students)  
LAND 7231 001: Field Studies; 1 credit (10 students)

2018 Fall—Professional Improvement Leave (PIL)

Spring LAND 5330 001: Studio III; 5 credits (3 students)  
LAND 5331 001: Field Studies; 1 credit (3 students)  
LAND 6330 001: Studio III; 5 credits (9 students)  
LAND 6331 001: Field Studies; 1 credit (9 students)  
LAND 7900 001: Directed Studies: Interpretive Design; 3 credits (8 students)

#### ***Courses Taught 2004 to Present***

LAND 2110-001 Plants and Construction Workshop 1; 5 credits (BLA)  
LAND 2111-001 Fieldwork: Plants and Construction Workshop 1; 1 credit (BLA)  
LAND 5330/6330-001 Studio III; 5 credits  
LAND 5331/6131-001 Studio III: Field Study; 1 credit  
LAND 5249/6249-001 Landscape Construction II; 3 credits  
LAND 5360/6360-001 Dynamic Systems I: Urban Ecologies; 3 credits  
LAND 5500-001 Land Ethics & Responsibility; 3 credits  
LAND 5200/ 6200-001 Community Fabric Studio; 5 credits  
LAND 5201/ 6201-001 Field Studies; 1 credit  
LAND 5240/ 6240-001 Construction II: Stormwater and Road Alignment; 3 credits  
LAND 6360-001 Dynamic Systems I--Urban Ecology; 3 credits  
LAND 7130-001 Studio IV; 5 credits  
LAND 7131-001 Studio IV: Field Studies; 1 credit

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- LAND 7230 001 Studio V; 5 credits  
LAND 7231 001 Field Studies; 1 credit  
LAND 7250-001 Contemporary Issues in Landscape Architecture; 2 credits  
LAND 7280-001 Dynamic Systems III—Regional Ecology; 3 credits  
LAND 7330-001 Landscape Ecology—Materials & Practices; 3 credits  
LAND 7360-001 Pro-Practice; 3 credits  
LAND 7410-001 Seminar in History & Theory; 3 credits  
LAND 7440-001 Seminar in Communication; 3 credits  
LAND 7450-001 Seminar in Landscape Research; 2 credits  
LAND 7900-001 Directed Studies—Research Methods; 3 credits  
LAND 7900-001 Directed Studies—Landscape Performance; 1 credit  
LAND 7900-001 Directed Studies—Master Plan/ Dauphin Island Pkwy.; 3 credits  
LAND 7900-001 Directed Studies—Interpretive Design; 3 credits  
LAND 7900-001 Directed Studies—Parkerson Mill Creek ; 3 credits  
LAND 7900-001 Directed Studies---Necklaces of Green: Huntsville, AL; 3 credits  
LAND 7900-001 Directed Studies—Sustainable Design Solutions: Mobile, AL ; 3 credits  
LAND 7900-001 Directed Studies---Landfill Redevelopment Design & Management; 3 credits  
LAND 7900-001 Directed Studies—Brownfield Redevelopment; 3 credits  
LAND 7900-001 Directed Studies---Feasibility Studies for Coastal Public Access; 3 credits  
LAND 7900-002 Directed Studies—Community Research & Analysis—Mobile, AL; 3 credits  
LAND 7900-002 Directed Studies---Landfill Redevelopment Studio; 5 credits  
LAND 7900-004 Directed Studies—Research & Marine Spatial Planning; 3 credits  
LAND 7900-004 Directed Studies—Careers in Landscape Architecture; 1 credit  
LAND 7900-004 Directed Studies—Landscape Data & Characterization Using GIS; 3 credits  
LAND 7900-004 Directed Studies---Reading & Research in Landfill Development; 3 credits  
LAND 7900-008 Directed Studies—AutoCAD; 3 credits  
LAND 7970-001 Special Topics—Watershed Design; 3 credits  
LAND 7970-001 Special Topics—Watershed Design: Felton-Little Park; 5 credits  
LAND 7970-001 Special Topics---Research Methods for Landscape Arch; 3 credits  
LAND 7970-001 Special Topics---Sustainable Practices in Planning, Development & Design; 3 credits  
LAND 7970-002 Special Topics—Master Plan for Lafayette City Park, Lafayette, AL; 3 credits  
LAND 7970-004 Special Topics---Brownfield Redevelopment Workshop; 3 credits  
LAND 7970-004 Special Topics---Landscape Architecture Internship; 6 credits  
LAND 7970-005 Special Topics---Eco Characterization of the Tallapoosa River; 3 credits  
LAND 7970-006 Special Topics—Bioretention Design & Monitoring; 3 credits
- CPLN 6970-005 Special Topics in Planning; 3 credits  
CPLN 6970-007 Independent Study: Green Building for Site development and Subdivisions; 3 credits  
CPLN 6970-009 Independent Study: ArcGIS: Spatial Analyst; 3 credits  
CPLN 5970/ 6970-001 Independent Study--Catoma Creek Environmental Park Pre-Development Plan; 3 credits  
CPLN 5970/7460-001 Digital Applications for Planning Development and Design (GIS); 3 credits
- ARCH 4960-002 Special Problems—Mobile, AL; 3 credits

### **Other Contributions to Teaching**

#### *Study Abroad*

“Roma 4D” –Faculty Team Teaching. Rome study abroad program. Spring 2007.  
Member of interdisciplinary faculty team teaching Architecture and Landscape Architecture students in Rome, Italy.

### **Graduate Thesis Committees**

#### **Building Science**

Homer Roberts. Master of Building Science. Committee member. Graduates May 2022.

Trip Roberts. Master of Building Science. Committee member. Graduated May 2020.

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Bowen, Ryan. Master of Building Science. Committee member. Subject: Low Impact Development. Graduated Aug. 2018.

Davis, Phillip. Master of Building Science. Committee Co-Chair. Subject: Low Impact Development. Graduated May 2016.

Setchel, Chris. Master of Building Science. "Analysis of Bioretention Facility Construction Cost Verses Traditional Stormwater Management System for Large Box Retail Applications." Committee Member. Graduated Dec. 2011.

### **Horticulture**

Meddar, Amanda. Master of Horticulture. "Pollutant Uptake and Flooding Tolerance of Southeastern US Plants in Bioretention Soils." Committee Member. Graduating August 2013.

Lecompte, Judson. Master of Horticulture, "Greywater Irrigation of Landscape and Green Roof Plants for the Southeast." Committee Member. Graduating May 2013.

Jernigan, Kathryn. Master of Science in Horticulture. "Evaluating Bioretention Contaminant Uptake and Removal in an Experimental Rain Garden Study." Committee member. Graduation—August 2010.

Werneth, Katie. "Monitoring Flooding and Evaluating Plant Use in a Rain Garden." M.S. Horticulture. Committee member. Graduation 2008.

### **Forestry**

Noori, N., Doctoral Advisory Committee Member, Forestry & Wildlife Sciences Department, "Role of Climate, Land Use/Cover and Water Quality on West Nile Virus Incidence: A Modeling Approach," In-Process. (August 2011 - August 2015). Member of committee; outside reader.

Saha, Gopal. PhD Forestry. "Modeling Water Quality: Dauphin Island Watershed." Committee member. Graduation 2009.

### **Geography**

Sawant, Rajesh. Master of Science in Geography. "*Land Use Land Cover Change Projections for Use in Municipal Water Resource Planning In the Saugahatchee Watershed.*" Committee Member. Graduated December 2011.

### **Landscape Architecture**

\* *The Master of Landscape Architecture did away with thesis committees in Fall 2017.*

Arevalo, G. Master of Landscape Architecture. *Revelatory Design: Making Legible the Local Implications of a National Energy Infrastructure.* Committee member. Graduated May 2016.

Boecking, E. Master of Landscape Architecture. *EnLIGHTening the Landscape.* Committee Chair. Graduated May 2016.

Sauer, M. Master of Landscape Architecture. *Rethinking Cemeteries.* Committee member. Graduated May 2016.

Parker, G. Master of Landscape Architecture. "The Next Exploration: Savannah's River Region." Committee member. Graduated May 2016.

Ajideh, H. Master of Landscape Architecture. "*How does the idea of novel ecology increase the opportunities in the potential habitat and provide a self-organized form for human engagement?*" Committee Head. Graduate May 2015.

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Benton, F. R. Master of Landscape Architecture. "*Non-Mimetic Stormwater Constructed Wetlands in Small Urban Spaces.*" Committee member. Graduate May 2014.

Speetjens, K. Master of Landscape Architecture. "*Wastespaces: How Alabama Can Turn a Liability into a Commodity.*" Committee head. Graduated May 2014.

Szakei, B. Master of Landscape Architecture. "*Reimagining stormwater as an adaptive dance of aesthetically performing infrastructure to address water quality in Weracoba Creek, Columbus, Georgia.*" Committee member. Graduated May 2014.

Argo, C. Master of Landscape Architecture. "*Reimagining Community Food Supply.*" Committee member. Graduated May 2014.

Hines, M. Master of Landscape Architecture. "*Deadland: Cemetery Design.*" Committee Chair. Graduate May 2014.

Taylor, R. Master of Landscape Architecture. "*Blurr.*" Committee member. Graduated May 2014.

Green, S. Master of Landscape Architecture. "*How can difference (gender) inform and advance wonderful public space?*" Committee member. Graduated May 2014.

Ritchey, E. C., Master of Landscape Architecture. "*An Analysis of Current Intentionally Designed Permaculture Communities in the Southeastern United States,*" Committee member. Graduated May 2013.

Woodbury, M., Master of Landscape Architecture. "*Framing the Collective.*" Co-Chair. Graduated May 2012.

Zhou, L., Master of Landscape Architecture. "*How can industrial and natural processes cooperate to merge the industrial park and its surrounding natural environments into a new 'Total Human Ecosystem' through landscape transition?*" Graduated May 2011.

Ballard, D. Master of Landscape Architecture. "*Mine Reclamation as a Method of Integrating Accountability in Water Management.*" Committee Head. Graduated May 2011.

Newman, R. Master of Landscape Architecture. "*Mobile Infirmary Landscape Infrastructure.*" Committee Member. Graduated December 2011.

Pasley, J. Master of Landscape Architecture. "*How can remediative park design in Montgomery, AL, influence its future development?*" Committee Head. Graduated May 2011.

Cauthen, M. Master of Landscape Architecture. "*Designing Grace through an Urban Wildland Aerial Ecology.*" Committee Member. Graduation—August 2010.

Craft, C. Master of Landscape Architecture. "*Restoration and Design of Green Links—Birmingham, AL.*" Committee Head. Graduation—May 2010.

Dobson, D. Master of Landscape Architecture. "*Brownfield Redevelopment of an Industrial Community at the Water's Edge.*" Committee Head. Graduation—May 2010.

Howle, N. Master of Landscape Architecture. "*Reclaiming Place within Stormwater Infrastructure.*" Committee Head. Graduation—August 2010.

Lee, K. Master of Landscape Architecture. "*Sensorial Ecology.*" Committee Member. Graduation—May 2010.

Michael, J. Master of Landscape Architecture. "*How Can Urban Habitat Be Modified to Incorporate Sustainable Agriculture and Edible Components?*" Committee Member. Graduation—May 2010.

Murray, B. Master of Landscape Architecture. "*Landscape Ecology and the Ecology of Place.*" Committee Member. Graduation—August 2010.

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Phillips, Al. Master of Landscape Architecture. "*How can a landscape be designed to intercept existing child connectivity to enhance their childhood experiences and exposure to nature?*" Committee Member. Graduated May 2010.

Simpson, A. Master of Landscape Architecture. "*Landscape Matrix and Graphic Analysis.*" Graduated August 2010.

Sprayberry, B. Master of Landscape Architecture. "*Human Ecology and the Urban Street.*" Committee member. Graduated May 2009.

Havard, L. Master of Landscape Architecture. "*Food Supply Stability through the Implementation of Cajun-Infused Community Gardens in Lafayette, Louisiana.*" Committee member. Graduated May 2009.

Huang, Q. Master of Landscape Architecture. "*Sustainable Coastal Development.*" Committee member. Graduated May 2009.

Sawant, R. Master of Landscape Architecture. "*Watershed Green Infrastructure: A Sustainable Development of Urban Landscape.*" Committee Chair. Graduated May 2009.

Capps, M. Master of Landscape Architecture. "*Resilient Landscape Urbanism.*" Committee member. Graduated May 2009.

Green, M. Master of Landscape Architecture. "*Reclaiming Societal Capital through the Post Industrial Landscape.*" Committee member. Graduated May 2009.

Gullatte, M. Master of Landscape Architecture. "*A City's Interaction with Natural Processes.*" Committee head. Graduated May 2008.

Bias, B. Master of Landscape Architecture. "*Reweaving Industrial Voids in the Urban Fabric.*" Committee member. Graduated May 2007.

Schmidt, K. Master of Landscape Architecture. "*San Francisco: Finding a Sense of Place in Urban Renewal.*" Committee member. Graduated May 2007.

Chen, S. Master of Landscape Architecture. "*Hedgerows: Lines of Culture and Sense of Place.*" Committee member. Graduated May 2007.

Pierce, B. Master of Landscape Architecture, "*The Role of Agricultural Heritage: Cultivating, Ordering and Controlling Nature.*" Committee Chair. Graduated May 2007.

Kennibrew, S. Master of Landscape Architecture. "*Uncovering the Anachronisms of Carrollton, Louisiana: Acknowledging Sense of Place and Space.*" Committee member. Graduated May 2005.

Lu, H. Master of Landscape Architecture, "*Finding Space in City Park, New Orleans.*" Committee chair. Graduated May 2005.

Ivy, C. Master of Landscape Architecture, "*Rethinking, Retracing, Re-Inhabiting.*" Committee member. Graduated May 2005.

### **Community Planning**

Schmidt, J. Master of Community Planning. "*Implementing Transdisciplinary Interaction in the Field of City and Regional Planning.*" Committee Member. Graduated May 2011.

Scruggs, M. Master of Community Planning. "*Stakeholder Involvement in Watershed Management Planning.*" Graduation—May 2010. Committee Member. Graduated May 2011.

Anderson, K. Master of Community Planning. "*A Study of Floor Space Synthesizer Behavior.*" Committee member. . Graduated May 2008.



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Langley, J. Master of Community Planning. "*Planning for Street Trees in Urban Environments the Case of Montgomery, Alabama.*" Committee member. Graduated May 2008.

Masters, C. Master of Community Planning. "*Central Northwest Auburn, AL Guide to Land Use Development: A Citizen's Perspective.*" Committee member. Graduated May 2007.

Mullins, K. Master of Community Planning. "*Developing an Integrated Land Use and Travel Model Small-Medium Metropolitan Planning Organizations.*" Committee member. Graduated May 2007.

Woerner, N. Master of Community Planning. "*Data Development and Calibration for the Integrated Land Use/Transportation Model.*" Committee member. Graduated May 2007.

Atwell, F. Master of Landscape Architecture & Master of Community Planning. "*Grove Hill Revitalization: Aesthetic and Economic.*" Committee member. Graduated May 2007.

Jirik, S. Master of Community Planning. "*Auburn University: Storm Water Mitigation at Hill Dorms, Poultry Science Building, & Arboretum.*" Committee member. Graduated August 2006.

Klinkhammer, B. Master of Building Science/ Community Planning Minor. "*Proposed Green Building Guidelines for Village Creek Community, Auburn, AL.*" Committee member. Graduated August 2006.

Lyons, M. Master of Community Planning, "A 'Slow Food' Approach to Community Development." Committee head. Graduated May 2006.

Mazzola, J. Master of Landscape Architecture/ Master of Community Planning. "*Reading Landscapes: Discerning Elements of Community.*" Committee member. Graduated May 2006.

Norris, J. Master of Community Planning. "*A Proposed Community Park for the Township of Beauregard, A Suburb of Opelika, AL.*" Committee head. Graduated August 2006.

Pathak, M. Master of Community Planning. "*GIS and Ecotourism: Interactively Mapping the Lower Cahaba River Basin for Recreation and Tourism Opportunities.*" Committee head. Graduated May 2006.

Shipp, Charles. Master of Landscape Architecture/ Master of Community Planning. "*Creating Good Quality Neighborhoods.*" Committee head. Graduated May 2006.

Solomon, M. Master of Community Planning. "*Changing the Face of Subdivision Development and Providing Incentives.*" Committee head. Graduated May 2006.

Spivey, N. Master of Community Planning. "*Are the participants/homeowners of the Lee County affiliate of Habitat for Humanity satisfied with the homeownership program?*" Committee member. Graduated May 2006.

White, Patrick. Master of Community Planning. "*Critical to the Masses: Hazard Mitigation Planning and Risk Management of America's Energy Network.*" Committee head. Graduated May 2006.

Zirkelbach, C. Master of Community Planning. "*Columbus, Georgia: A Community at a Crossroad.*" Committee head. Graduated May 2006.

Peterson, H. Master of Community Planning. "*Waters of Economic Scale: The Importance of Lake C.W. McConaughy 'Big Mac' Water Levels to the Economy of Keith County, Nebraska.*" Committee member. Graduated May 2005.

## **Evidence of Teaching Effectiveness**

**Student Recognition** (Student Awards, Competitions, Presentations, etc.)

### **2023**

Keltner, Anna (MLA Student). "Connectivity and Greenspace/ Revitalization of Opelika." 2023 AL ASLA Student Awards—Award of Merit for studio work LAND 7130-7131 Studio IV (LeBleu). Juried award. July 2022.

Mitchell, Anna (MLA Student). "Sideline Green Way." 2023 AL ASLA Student Awards—Award of Honor for studio work LAND 7130-7131 Studio IV (LeBleu). Juried award. July 2022.

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### 2021

Zuluaga, Maria Pilar (MLA Student). "Reconciling Indigenous Claims at a Land Grant University." 2021 CELA Student Creative Scholarship Award—Honorable Mention for studio work LAND 5330-6330 Studio III (LeBleu & Hogge). Juried award. March 2021.

### 2020

Miles, Keena and Makala Gibson, winners of the *Distinguished Leadership Award Student Team: The Bussie Oil Property, Pell City, AL*. AL Chapter of the American Planning Association, 2020 Twin States Conference; virtual. MLA Studio IV (LeBleu, Fall 2019). Juried award. Dec 11, 2020.

Cummings, Andrew. "Unveiling the Path of Parkerson Mill Creek on the Auburn University Campus." Print, 18x36" (for LAND 7230, Fall 2019). SHOWCASE: the work of Creative Scholarship, Auburn University Online, Auburn, AL, April 2020.

Farjana, Riffat. "Connecting the corridors"- Rethinking Parkerson Mill Creek, AU Campus." Print, 18x36 (for LAND 7230, Fall 2019). SHOWCASE: the work of Creative Scholarship, Auburn University Online, Auburn, AL, April 2020.

Lopez, Laura. "Daylighting Parkerson Mill's headwaters to restore aquatic biomes, slow down water and filter pollution." Print, 18x36" (for LAND 7230, Fall 2019). SHOWCASE: the work of Creative Scholarship, Auburn University Online, Auburn, AL, April 2020.

### 2018

Wang, R. and C. LeBleu. Experience with Collaborative Research on Thermal Characteristics of Low Impact Development Strategies. *Landscape Research Record: Official Proceedings of the Council of Educators in Landscape Architecture* 2018, No. 7, pp 122-132. Available online: <http://thecela.org/wp-content/uploads/361F-EXPERIENCE-WITH-COLLABORATIVE.pdf> (accessed Dec 22, 2018).

Wang, R. *The Role of Perception—Experiencing Thermal Removal in Collaborative Research*. AL ASLA 2018 Award of Honor; Student Design Award. Graduate Research Assistant work.

### 2017

Wang, R. and C. LeBleu. "Mitigating Heat Transfer through Low Impact Development." Poster presentation. Auburn University Stormwater Forum 2017, Auburn University, Auburn, AL, May 11-12, 2017.

Wang, R and C. LeBleu, A. Wright, K. Rahn and M. Dougherty. "Mitigating Heat Transfer from Impervious Surfaces to Stormwater Discharge." September 22, 2017. SHOWCASE: the work of Creative Scholarship, Jules Collins Smith Museum of Fine Art, Auburn University, Auburn, AL. September 17-October 2, 2017.

Wang, R. and C. LeBleu. *The Role of Perception—Experiencing Thermal Removal in Collaborative Research*. Accepted to CELA 2018, Blacksburg, VA. Conference Abstract; poster (student research paper from LAND 7280).

### 2017

Fernandez-Figueroa, E., B. Holcomb, A. Hoppers, J. Kaur (Landscape Architecture), D. Rushing, M. Swanson & C. Sweeney. SEC Campus Water Matters Challenge Competition. 2nd Place—Auburn University (Interdisciplinary Student Team). Faculty Advisors: Charlene LeBleu, Eve Brantley & Amy Wright.,

### 2016

Arevalo Alvear, G., "Revelatory Design: Making Legible the Local Implications of a National Energy Infrastructure". AL ASLA 2018 Award of Honor; Student Design Award. MLA Thesis Committee Member.

Lima, L. "Crafting a New Urban Core for the Peninsula of Mobile, AL" Framed print, 18x36" (for LAND 6330, Spring 2016). SHOWCASE: the work of Creative Scholarship, Jules Collins Smith Museum of Fine Art, Auburn University, Auburn, AL September 17-October 2, 2016.

Lima, L. "Crafting a New Urban Core for the Peninsula of Mobile, AL" Mounted Poster, 24x36" (for LAND 6330, Spring 2016). 2nd Place Award (Graduate Division). This is Research: Student Symposium; Student Center at Auburn University, Auburn, AL. April 13, 2016.

Li, J. "Sunny Days & Rainy Days: Strengthen Neighborhood Culture through Nature-Based Organic Design" Mounted Poster, 24x36" (for LAND 6330, Spring 2016). This is Research: Student Symposium; Student Center at Auburn University, Auburn, AL. April 13, 2016.

Xie, Z. "Cypress Creek Nature Park: Arousing People's Concern about Water Quality," accepted to CELA 2017 Beijing, China. Poster Presentation, 24x36" (for LAND 7280, Fall 2016).

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Hansen, AI, "Palimpsest and Accessibility in Post Industrial Urban Ruins," accepted to CELA 2017 Beijing, China. Poster Presentation, 24x36" (for LAND 7280, Fall 2016).

### ***Other Teaching/Faculty Development Contributions***

- 2022 Cybersecurity Awareness Training. Required Course, Auburn University. Date completed. Jan 16, 2022.
- 2021 Title IX and Discrimination: Identifying and Responding to Sexual Misconduct. Required Course, Auburn University. Date completed. August 22, 2021.
- 2020 WISE (Women's Initiatives and Gender Equity) Dossier Reviewer-Mentor. Reviewed and mentored two young tenure-track faculty on their dossier. Faculty members assigned to me by WISE. April 2020.
- 2020 ASLA Portfolio Reviewer-Mentor. Reviewed and mentored two young emerging professionals on their portfolio. Emerging professionals were assigned to me by ASLA. March 2020.
- 2015 Workshop, "Active Learning – Never Grade a Quiz Again," Biggio Center, Auburn University, AL, USA. Presented by Diane E. Boyd. April 2015.

### **Outreach Scholarship**

LeBleu, C. (Re)Designing the Historic Railroad District, Opelika, AL. Friday, April 1, 2022. Charrette Leader.

LeBleu, C. Africatown State Park Charrette, Prichard, AL Thursday, Aug 12, 2021. Charrette Leader.

LeBleu, C. (25%), M. LaFrombois, S. Byahut and S. Rogers. Mediating the Impacts of Local Flooding in the Mississippi-Alabama Coastal Area Region through Green Infrastructure Plan Evaluation. Mississippi-Alabama Sea Grant Consortium; webinar; virtual, March 26, 2021; 64 attendees.

LeBleu, C. (33.3%), R. Retzlaff and K. Leousis. Historic Alabama City Plans: Building a GIS-Based Repository of City Planning Documents for Research and Outreach. Auburn University Library Discover Auburn Lecture Series; March 8, 2021. Webinar; 36 attendees.

LeBleu, C. The Use of Pervious Concrete to Mitigate the Heat Island Effect in Constructed Landscapes. Landscape Expo Media Group. Nov. 12, 2020. Webinar; 86 attendees.

LaFrombois, M., Byahut, S. and C. LeBleu (33%). Mediating the Impacts of Local Flooding in the Mississippi-Alabama Coastal Region through Green Infrastructure Plan Evaluation. 2020 Community of Practice—Neighborhood Resilience Webinar, Online, Oct. 14, 2020. Webinar; 124 attendees.

LeBleu, C. Mediating the Impacts of Local Flooding in the Mississippi-Alabama Coastal Area. Mississippi-Alabama Sea Grant Consortium. Sept. 11, 2020. Webinar; 36 attendees.

LeBleu, C. Historic City Plans of Alabama: A Repository Using GIS Online. Geographic Information Systems Association of Alabama. Virtual. July 29, 2020. Webinar; 42 attendees.

LeBleu, C. *Brownfield Redevelopment of Bussie Oil*. Develop Master Plan and concept for Brownfield redevelopment/new use of Bussie Oil property in Pell City, AL. LAND 7230—Studio V, Fall 2019.

LeBleu, C. *Master Plan for the Neighborhoods of Martin Luther King Jr. Boulevard: The Camp Ground & The Bottom, Mobile, AL*. Developed Master Plan and village concept for underserved areas of the Three-Mile Creek Watershed in Mobile, AL. 2018.

LeBleu, C. *Advancing Coastal Marine Planning and Design in Alabama*. Developed Coastal Marine Geographic Information Systems (GIS) Public Viewer for technical and non-technical users to visualize, question, analyze, and interpret data to understand relationships, patterns, trends and conflicts along the Alabama coast. 2016.

LeBleu, C. & E. Cormier. *Master Plan for the Peninsula of Mobile, Mobile, AL*. The Peninsula of Mobile (non-profit group). The Mobile Peninsula is located south of downtown Mobile, AL. Developed Master Plan and village concept for the area known as Miracle Mile. 2016.

## Charlene M. LeBleu, Curriculum Vitae

LeBleu, C & R. Dagg. "DASH/Hillside Community Research + Design." Collaboration between undergraduate architecture and graduate landscape architecture students to create a neighborhood master plan. Outputs included design research, design ideas, visioning, to assist neighborhood residents and other stakeholders envisions the potential for the future. These drawings can assist in applying for grants and in demonstrating future value to other potential partners.

LeBleu, C. & E. Cormier. *New City Park, Lafayette, AL / City of Lafayette, AL Planning and Development of a New City Park*. Located 24 miles (33 minutes) from Auburn, AL, Develop draft Master Plan. Presentation for Rotary Club of Lafayette, AL, New City Park, Lafayette, AL. 2015.

LeBleu, C. & E. Cormier. *A New Reginal Park for Columbus-Muscogee County, Georgia*. Develop draft Master Plan for the Kendall Creek Tract (KCT), an 817-ac conservation tract located in eastern Columbus (Muscogee County), GA, and borders the Fort Benning U.S. Military Reservation. The KCT is managed by TNC as part of Fort Benning's Army Compatible Use Buffer (ACUB) program. 2015.

LeBleu, C. *Watershed Design for Felton-Little Park, Auburn, AL*. Draft Master Plan for City of Auburn/Felton Little Park, a municipal park located at 341 E Glenn Ave. in Auburn, AL. 2015.

LeBleu, C., R. Retzlaff, Public Meeting, "Public Meeting for the Dauphin Island Parkway, Mobile, AL." 2014.

LeBleu, C. and J. Langham, "Leeds, AL Charrette," City of Leeds, AL. 2014.

LeBleu, C., Brantley, E., "Stream Restoration, "Parkerson Mill Creek Stream Restoration," Auburn University, Auburn University Campus. 2014.

LeBleu, C. *A New City Park, Lafayette, AL*. Assist city of Lafayette, AL in planning, design and development of a new city park. 2013.

LeBleu, C. *Identifying Vacant Derelict (VDL) Land in NW Auburn, AL*. Assist city of Auburn Housing Authority in identifying Vacant Derelict Land (VDL) in NW Auburn, AL, cataloging surrounding land use, potential and suggestions for temporary use. 2013.

LeBleu, C. *Inspiration Oak Park, Baldwin County, AL*. Assist the Baldwin County Commission with a design for a new master plan for a county park near Weeks Bay Foundation, Weeks Bay, AL. 2013

LeBleu, C. *Mobile Bay National Estuary Program Comprehensive Management Plan*. Pro bono service to MBNEP to develop a comprehensive conservation management plan for the State of Alabama. 2013.

LeBleu, C. "New Stream Buffer Ordinance, Prichard, AL." Assist city with new writing a stream buffer ordinance. 2012.

LeBleu, C. "Africatown State Park Master Plan," Prichard, AL. Master plan of a new state park. 2011.

LeBleu, C. & R. Dagg. "Green for Life--Boykin Community Center, Auburn, AL." Service-learning concerning water quality and low impact development education. 2009 – 2010.

LeBleu, C. "Necklaces of Green, Huntsville, AL." Master Plan to connect greenspace in Huntsville, AL. 2012.

LeBleu, C. "Habitat Interfaith Community House Landscape Plan." 2012.

LeBleu, C. "Dudley Hall Cistern & Rain Garden." Design Low Impact Development demonstration site, Dudley Hall; Auburn University. 2012.

LeBleu, C. "Raptor Center Cistern & Rain Garden." Design Low Impact Development demonstration site; Auburn University. 2012.

LeBleu, C. "Reading Park Stream and Park Restoration, Prichard, AL." Stream restoration project with Eve Brantley, Agronomy. 2012.

LeBleu, C. "Roadside Wildflower Management Plan for Troup County, GA." Outreach Educational Workshop, LaGrange, GA. 2011.

LeBleu, C. "Master Plan for AG Pavilion Area, Auburn University, AL." College of Agriculture." 2011.

## Charlene M. LeBleu, Curriculum Vitae

LeBleu, C. "Roadside Wildflower Management Plan for Troup County, GA." 2010.

LeBleu, C. "Historic Shorter Mansion Garden Landscape Master Plan, Eufaula, AL." Student charrette with AU Landscape Architecture and AU Horticulture students to facilitate a Master Plan for the historic Shorter Mansion in Eufaula, AL. 5/27/10.

LeBleu, C., and M. Kensler. "Tiger Storm Charrette." Co-Chair of multi-disciplinary student charrette for the Alabama Chapter of the Associated General Contractors of America (AL-AGC). Sponsored by AU Water Resource Center Committee. 10/31/10.

LeBleu, C. and B. Farmer. "Downtown development and gateway charrette, Pikeville, TN." Professional partner: Farmer Associates, Tuscumbia, AL. January 2009.

LeBleu, C. "Green Streets Charrette, Mobile, AL." Professional partner: Barge, Waggoner, Sumner and Cannon, Inc., Birmingham, AL. August 2009.

LeBleu, C. "Moore's Mill Creek Stream Restoration Project, Auburn, AL." Assisted Acer Environmental, Raleigh, N.C. in restoring a section of Moore's Mill Creek that flows through Moore's Mill Golf Course. 2008.

LeBleu, C. "City of Madison, AL Charrette." Assisted the City of Madison, AL, in designing a green infrastructure system.

LeBleu, C. and A. Barbe. "Queens City Park Charrette, Tuscaloosa, AL." Auburn Student Chapter of American Society for Landscape Architecture, 2008.

LeBleu, C. "Design Charrette for Tallapoosa Mills # 2 & # 3, Tallapoosa, AL." 2008.

LeBleu, C. "Charrette for the City of St. Augustine, FL Westside Revitalization: A New Town Center." 2008.

LeBleu, C. "Chambers County Chattahoochee River Shoreline Restoration Charrette." 2008

LeBleu, C. "Brookside Charrette, Brookside, AL." January 2006.

LeBleu, C. "Jules Collins Museum Landscape Charrette. Auburn, AL." February 2006.

LeBleu, C. "Chattahoochee River Restoration Charrette, Phenix City, AL." April 2006.

LeBleu, C. "Brownfield Redevelopment and Master Plan Charrette, Tarrant, AL." 2005.

LeBleu, C. "Unitarian Fellowship Church Playground Charrette, Auburn, AL." 2005.

LeBleu, C. "Auburn University Davis Arboretum Charrette, Auburn, AL." 2005.

LeBleu, C. "Stream Restoration Project Charrette, Brewton, AL." 2005.

LeBleu, C. "Innovative Storm Water Designs & Practices Charrette, Eufaula, AL." 2005.

LeBleu, C. "Auburn University New Building Science Facility Landscape Charrette, Auburn, AL." 2005.

## **Service Activities Record**

### **Professional Organization Service--National**

Council of Educators in Landscape Architecture (CELA). Member 2004 – Present.

--CELA Track Co-Chair (w/ Prof. Robert Corry, University of Guelph); 2021-2022. Theme Track – Evolving Norms: Adapting Scholarship to Disruptive Phenomena. 32 abstracts, 18 reviewers, and 12 papers.

--Past-President, Elected. 2019 – 2020.

--Chair, Standing Committee on Conferences & Events, 2019 - 2020

--President, Elected. 2018-2019.

--First-Vice-President Elect. Elected. 2017-2018. Slated to assume Presidency in 2019.

## Charlene M. LeBleu, Curriculum Vitae

- Editor-In-Chief, Conference Full-Paper Proceedings, Landscape Research Record V, *Dilemma & Debate* Utah State University, Salt Lake City, UT, USA, August 2014 – 2016.
- Vice-President of Research & Creative Scholarship, Elected. 2014 – 2016.
- Track Chair--Landscape Planning and Ecology Track, Appointed. 2012 – 2015.
- Editor-In-Chief, Conference Paper Proceedings, Landscape Research Record IV, *Change Incite- Incite Change*, Kansas --State University, Manhattan, Kansas, USA, August 2014 – December 2015.
- Co-Editor, Conference Full-Paper Proceedings, Landscape Research Record II, Baltimore, Maryland. March 2013 – December 2014.
- Co-Editor, Conference Full-Paper Proceedings, Landscape Research Record II, Champaign, Illinois, USA, March 2012 – December 2015.
- Reviewer, Conference Abstracts & Papers, Landscape Planning and Ecology Track. 2009 – Present

American Society of Landscape Architects (ASLA). Member. 1999 – Present.

- ASLA Campus Planning, Professional Practice Network, 2018 – Present.
- ASLA Fellows Jury Member, Appointment 2021 – 2024.
- ASLA Committee on Education, Appointed. January 2019 – 2020.
- ASLA Member Services Committee, Appointed. October 2009 – 2011; October 2017- 2020.
- ASLA Student Portfolio Review Committee, Invited, 2018 – Present.
- ASLA National Awards Reviewer, Research Category. 2017.
- ASLA Council of Fellows, Awarded. 2013 – Present.
- ASLA LACES, National Committee Member. Appointed. October 2008 – 2016.
- ASLA Pennsylvania & Rhode Island, State Awards Juror. Appointed. 2001, 2013
- ASLA Public Relations Committee, Appointed. 2006 – 2008.
- ASLA Reclamation and Restoration, Professional Practice Network, Member, 2005 - Present.
- ASLA Sustainable Design and Development, Professional Practice Network, Member, 2005 - Present.

Landscape Architecture Accreditation Board (LAAB). Accreditation reviewer, Educator, 2021 – 2024.

Sigma Lambda Alpha (SLA) National Honor Society for Landscape Architecture, Fellow, 2003 – Present.

- Officer, National Interim President; 2020 – 2021.
- Officer, National Past-President; 2017 – Present.
- Officer, National President. Elected; 2012 – 2017.--Faculty Advisor, Alpha Epsilon Chapter (Auburn University Landscape Architecture), 2006 – 2016; 2019 - Present.
- National Scholarship and Travel Grant Committee; Appointed. 2001 – Present.

CLASS Fund National Research Grant for Landscape Architecture (Sponsor: Landscape Architecture Specifier News)

- Chair, National Research Grant Committee. Appointed. 2014 – 2016.

Landscape Architecture Foundation (LAF),

- Board of Directors. Appointed. March 2014 – 2016.
- Board of Director, Emeritus. March 2016 – present.
- Research Fellow, 2016 - Present.

American Institute of Certified Planners (AICP), Member, 2006 – present.

American Planning Association (APA), Member, 2004 – Present.

American Water Resources Association (AWRA), Member, 2005 - Present.

### **Professional Organization Service--State of Alabama Committees**

Alabama Chapter of the American Planning Association (AL APA), Member, 2000 - Present.

- Vice-President, Elected. 2012 – 2015; organize & chair annual conference and AL Leadership Workshop.
- Student Awards Chair; 2015 Alabama-Mississippi Chapters of the American Planning Association Annual

## Charlene M. LeBleu, Curriculum Vitae

Conference, Perdido Beach, AL.

Alabama Chapter of the American Society of Landscape Architects. 2007 to Present.

- Auburn University Student Faculty Advisor, 2019 – Present
- Executive Committee, 2019 - Present
- Fellows Chair, 2018 – present.
- Climate Action Committee, Chair, 2022 – present.
- Chapter Secretary 2007 to 2009.

Coastal Alabama Geospatial Data Group, Mobile, AL 2015 – Present.

Alabama Section, American Water Resources Association (AWRA), Committee Member. Appointed. 2005 - Present.

8-Mile Creek Watershed Technical Committee, Prichard, AL. ADEM. Committee Member. 2009 - Present.

Parkerson Mill Creek Watershed Technical Committee, Auburn, AL ADEM Committee Member. 2010 - Present.

Alabama Section, American Water Resources Association (AWRA). Committee Member. 2005 - Present.

The Peninsula of Mobile (non-profit advocacy group). Advisory Board Member, 2014 – Present.

Alabama State Floodplain Managers Association, Member, Alabama, USA. 2012 - 2019.

### ***University Committees***

AU Master Plan Committee, May 2020 – 2024 (present).

AU Core Curriculum Committee, 2019 – 2022 (Present).

AU Stormwater Committee, Committee Member, 2015 – Present.

AU Gulf of Mexico Program Working Group, Committee Member. Appointed. June 2013 - Present.

AU Water Resource Center Committee, Committee Member. Appointed. February 2007 – Present.

AU 2020 Student Research Symposium (virtual)-Judge, March 2020.

AU Faculty Research Committee, Committee Member. Appointed. Represented the College of Architecture, Design and Construction re issues of Faculty Research. January 2009 – August 2014; 2019 - 2020.

AU Council for Energy and Environment, Committee Member. Appointed. December 2012 - November 2015.

AU Graduate Council. Committee Member; 2015 – 2016.

AU Integrated Grants Proposals (IGP) Committee; University Vice-President of Research Grant Review Committee. Committee Member. Appointed. January 2015 - 2020.

AU Committee on Research & Grants (CRG), Committee Member. Appointed. August 2014 – 2016.

AU Budget Advisory Committee, Committee Member. Appointed. September 2013 – 2016.

AU Spring Graduation Committee, 2017

AU Sustainability Advisory Council (Office of Sustainability). Committee Member, Appointed. 2011 – 2014.

AU Campus Planning Committee (Faculty Senate) Committee Member. Appointed. 2010 – 2013.

AU University Stormwater Management Plan, Advisory Committee. Appointed. 2011 to date.

AU Design Review Committee. Appointed. 2007 to 2009.

## Charlene M. LeBleu, Curriculum Vitae

AU University Master Plan Search Committee. Committee Member. Appointed. 2011 to 2012.

AU Board of Trustees, non-voting member. Appointed. 2010 – 2011; Properties and Facilities Sub-Committee.

AU Provost Search Committee. Search Committee Member. Appointed. 2011

AU Forestry Advisory Council, School of Forestry, Member; Appointed. 2010 to 2012

AU Faculty Senator, School of Architecture, Elected. 2005 - 2008

AU Faculty Welfare Committee, 2006 to 2011; Chair 2006, 2007, 2009

AU Faculty Research Committee, 2009 to date.

AU Sustainability Initiative Committee, Committee Member. Appointed. 2006 to 2008.

AU College of Agriculture Center for Sustainable Rural Living Steering Committee. Appointed. 2004 to 2007.

### ***College of Architecture, Design & Construction Committees (CADC)***

APLA School Head Search Committee, Committee Member. 2015–2016; 2016-2017

APLA MLA Program Chair Search. Chair. 2014-2015.

CADC Research Committee, Committee Member. 2010 – 2018.

CADC Faculty-Staff Giving Campaign, Co-Chair, 2009 – 2013.

CADC-IT Technician II Search Committee. 2011 – 2012.

### ***School of Architecture Planning & Landscape Architecture Committees (APLA)***

Architecture Faculty Search Committee, Assistant Professor Tenure-Track (Beginning Design) Committee Member, Feb 2021 – May 2021.

APLA Tenure & Promotion Committee, Chair 2020 – Present.

APLA MLA Tenure-Track Search Committee, Committee Member, Dec 2020 – May 2021.

APLA Writing Committee, Committee Member, 2006 – Present.

APLA Writing Award Committee. Committee Member. 2006 – Present; Chair 2013 & 2015.

APLA China Partners Visitation Committee; visited Beijing: BUCEA & Beijing Forestry University; Nanjing: Nanjing Forestry University; Shanghai: Tongji University & Shanghai Jiao Tong University. May 2016.

Architecture Summer Camp. Teacher for Landscape Architecture & Planning module. 2006 - 2013.

APLA Technology Committee. Committee Member. 2004 to 2006.

### ***Landscape Architecture Program Committees***

Landscape Architecture Tenure-Track Search Committee, Committee Member, 2019 – Present.

BLA Program Committee, Committee Member, 2019 - Present

Faculty Sponsor; Student Chapter of the American Society of Landscape Architects (ASLA), 2004 – 2008; 2019 – Present.



## Charlene M. LeBleu, Curriculum Vitae

Landscape Architecture Visiting Assistant Professor Search Committee, Committee Member, 2018.

Landscape Architecture Assistant Professor Tenure-track Search Committee, Committee Chair, 2015 – 2016.

Search Committee for MLA Chair, Committee Chair. Chair search committee for Chair position in Landscape Architecture program. July 2014 – May 2015.

Search Committee for Two-Year MLA Visiting Faculty Position, Committee Chair. Chair search committee for Chair position in Landscape Architecture program. July 2014 – May 2015.

Landscape Architecture Annual Awards, Faculty Chairperson. 2010 – 2016. I organized and facilitated the MLA Annual Awards.

### ***Local Committees***

City of Auburn, AL Tree Committee, member; Appointed. 2011 to 2015.

The Peninsula of Mobile (non-profit advocacy group). Advisory Board Member. 2014 – Present

Parkerson Mill Creek Watershed Technical Committee, Committee Member, Auburn, Alabama. Appointed. (August 2010 - Present).

8-Mile Creek Watershed Technical Committee, Committee Member, Mobile, Alabama. Appointed. (January 2009 - Present).