



Planning, Design and the Built Environment

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Planning, Design and the Built Environment

Ph.D. Program Anniversary

2005-2016

Regional / Community Design + Development

Built Environment + Health

Restoration, Sustainability + Land Ecology

Technology, Materials + Construction Processes



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A Brief History of the Ph.D. Program in Planning, Design and the Built Environment

Fifteen years ago Jim Barker became president of Clemson University. President Barker promoted a vision to become a top 20 public university, a goal which included building graduate education and research while still maintaining Clemson's core undergraduate strengths. The College of Architecture, Arts and Humanities (CAAH) was the only college in the University that did not have a PhD program at that time.

The Dean of the College, Jan Cervelli Schach, initiated efforts to develop two interdisciplinary doctoral programs that would build on the College's strengths in the fields of design/planning/building, as well as rhetoric/information/ communication. She worked with her associate deans to develop the substance of these College level programs. In 2001 Dr. Barry Nocks (Associate Dean of Research & Outreach) recruited Dr. James London to assemble a group of interested faculty to explore the possibility of developing an interdisciplinary PhD program, combining the fields in

the School of Design & Building (Architecture, Construction Science, and Planning and Landscape Architecture). Out of that work, a program similar to existing Environmental Design & Planning programs offered at Arizona State, Virginia Tech and Colorado was suggested. The Dean commissioned Dr. London to develop the program plan, and Dr. Fritz Steiner was brought in as a consultant based on his experience developing a similar program at Arizona State. The program plan was approved at the college and university levels during the 2003-04 academic year and by the South Carolina State Commission on Higher Education in September 2004. Dr. London served as initial Director of the program, which later became known as Planning, Design and the Built Environment (PDBE), to finalize curriculum, recruit initial students and arrange for faculty participation. Dr. Lauria took over as Director from 2005-06 and then again in 2009 to the present. The PDBE program has an Executive Advisory Committee composed of the Chairs of the CAAH departments participating in the program. Program faculty affiliates are productive in terms of research awards and scholarly dissemination of their research results (peer reviewed articles and conference presentations). Faculty participation in the program has grown from 15 in 2005 to the current 34 Faculty Affiliates.

The PDBE program is one of the most successful doctoral programs in the area of Environmental Design and Planning in the United States. The program's enrollments are steady (averaging 6 per year), graduation rates are consistent (averaging 3.5 per year), and placement is exemplary (close to 100%). The PDBE program admitted its first cohort in 2005-2006 with its first students graduating in 2009. The current class (of 9, our largest cohort to date) is the eleventh class that has been admitted to the program. At the end of this year the program will have nurtured 32 doctorates (now Alumnae). Of these, those interested in academic positions have been placed well at colleges and universities such as Roger Williams University, Washington State University, University of Northern Utah, University of Arizona, Texas A&M, University of Arkansas, University of North Texas, Al Faisal University, University of Technology Sydney, Wentworth Institute of Technology, Pontificia Universidade Católica do Rio de Janeiro, Auburn University, Vanderbilt University, West Virginia University, Allen University, University of North Carolina at Charlotte, College of Charleston, and Clemson University.



The PDBE first cohort: Dr. Henrique Houayek (Alumni now at Pontificia Universidade Católica, RJ), Professors Keith Green and Mickey Lauria, Dr. Jeremy Wells (Alumni now at Roger Williams), and Dr. Robert Benedict (Alumni, now directing the MRED program at Clemson).



Dr. Mickey Lauria, Dr. Caitlin Dyckman and Kisha Fouch



Dr. Matthew Powers (faculty), and Dr. Deborah Franqui (alumni now in Miami)



Kisha Fouch, Yang Song, Krista Evans, Maryam Hamidpour – PDBE students at John's party



Dr. Jiang Jiang (alumni now at West Virginia University) and her husband.



International Planning Workshop in Gdansk: Faculty from Poland, Germany, Serbia, South Africa, Turkey and the USA.



PDBE Mardi Gras Party showing Dr. Stephen Verderber and Courtney Grunninger Bonney



First Annual PDBE Chili Cook-off, Drs. Mickey Lauria and Terry Farris



Center Krista Evans, at International Planning Workshop in Gdansk (Orunia), Poland

ALUMNI TESTIMONIALS



Galen D. Newman Ph.D, 2010

“The PDBE PhD program at Clemson helped prepare me for a career in academia. One of the primary strengths of the program is superior mentorship in teaching. There were also ample resources for the conduction of research and I had helpful committee members, each who taught me a different nuance of the profession. I also benefited from a surrounding cohort of supportive and intelligent other PhD students. We all learned from one another and, in the end, we all became life-long learners.”



Ellen Vincent, Ph.D, 2009

I was in the inaugural class of the EDP program. I had no idea at the time how rare interdisciplinary programs were in the U.S. It felt extremely natural to me to have the privilege to choose committee members and advisors from multiple disciplines to collaborate with and guide me. This program included pedagogy instruction which I have since also discovered is rare. I have always been proud of this relationship and the heritage of the PDBE program.



David Hueber, Ph.D, 2012

Education is a journey of self-discovery; and, it can be a means to an unknown end, which is what happened to me at Clemson. Following a business career as senior executive and CEO, my aspiration was to teach, write and contribute to the body of knowledge in my field of interest... like the professors that I admired and appreciated in both undergraduate and graduate schools. They were able to fuse their professional experience into their lectures. For me, those were the most memorable lessons learned. This is what I wanted to do.

What followed when I began my Ph.D at Clemson turned out to be both a challenging and humbling experience. I learned a lot about myself that I didn't know or perhaps didn't want to know from many professors and fellow doctoral students. I can't note them all, but exemplifying those experiences are a few as follows:

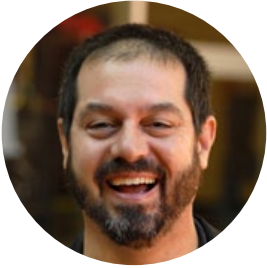
In one of my first classes, EDP 801, Dr. Mickey Lauria (and Dr. Keith Green) had the audacity to give me "B" on my final paper that resulted in me not getting the "A" that I believed I had earned. About a month later, I reread that final paper and realized that Dr. Lauria was right. I ran into him at Walmart and told him so. Toward the end of the PDBE course work, I had Dr. Lauria for PDBE 815, a research

design class that also had a final paper. I completed that assignment before it was due, and I knew it was "A" work; and, it was especially gratifying to hear him say so at the semester's end over a beer at Nick's.

I never had Dr. Terry Farris for a course, but from the beginning I felt that I had a professional kinship with him since I had a background in real estate development. After being a guest lecturer in the Business School and the Master of Real Estate Development program, I thought that I was becoming a good teacher. Dr. Farris observed me giving a lecture to the MRED students. He simply said, "David, it's not about you, what you know and have done. It's about the students and connecting with them. First, get away from the podium, and get yourself a clicker. And, second, you are a good story teller, but you need to tell every story with a purpose." His constructive criticism was well taken and employed.

Dr. Pernille Christensen (Ph.D, December 2012), was my friend and study partner for EXST 801, in which was struggling. I thought that the reason for my difficulties was that I hadn't had a stats class since earning my MBA in the late 1970's B.C. (before computers). While I was struggling with the creation of a simple "Stem Leaf" plot, Pernille noticed and commented that she had some students like me. I asked, "What are you talking about?" And, she simply said, "David, you might want to get yourself checked for ADD." I did, and my test results were off the charts. The meds helped a lot, but what was most helpful is that I learned how I learned, as well as how to develop some new study skills and ways of learning.

Affiliated Faculty



Allison, David J, FAIA, ACHA
Alumni Distinguished Professor.

Education

M.Arch., Clemson University;
B.S., Clemson University
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Director of Graduate Studies in Architecture + Health



Battisto, Dina, Ph.D.
Associate Professor.

Education

Ph.D., University of Michigan;
Email: dbattis@clemson.edu

Dina Battisto is Associate Professor in the School of Architecture and also leads the Built Environment and Health Concentration in the interdisciplinary Planning, Design and Built Environment Ph.D. Program in the College of Architecture, Arts and Humanities.

Her primary research areas include healthcare facility design, facility performance evaluations, sustainable design and aging in place. Since 2005, Dr. Battisto has been awarded as principal investigator over \$1 million dollars of externally sponsored research. She is highly recruited for national and international conferences, actively publishes in scholarly journals and has won multiple national healthcare design awards. Dr. Battisto also serves as the Chair of the AIA's Academy of Architecture for Health Foundation Grants Committee. In 2008, she was peer-nominated and selected by HEALTHCARE DESIGN Magazine as one of the top twenty in the nation advancing the future of healthcare design.



**Bausman, Dennis C., FAIC, CPC, LEED A.P.
Professor and CSM Endowed Faculty Chair**

Education

Ph.D., Heriot-Watt University
Email: dennisb@clemson.edu

Over 35 years of experience in construction and construction education. Prior to joining the faculty at Clemson University was in large commercial contracting holding various positions in Executive Management, Division Manager, and Project Management for over 22 years.

Teaches undergraduate courses in scheduling, construction economics, and capstone. Also teaches graduate courses in project management, financial management, material & methods, and the contractor role in the development process. Research Focus in Financial Management, Risk Management, Distance Education and Construction Training

Serves on the Board of Governors for the American Institute of Constructors Construction Certification Commission, Board for Pickens County Habitat for Humanity, International Journal of Construction Education and Research Peer Review Board, American Institute of Constructors Peer Review Board, Associated Schools of Construction Peer Review Board.



**Benedict, Robert, Ph.D. ,
Professor of Practice and Director of the Master of
Real Estate Development Program**

Education

Ph.D. in Environmental Design and Planning, Clemson University;
Email: benedic@clemson.edu

With over 25 years of real estate finance and development experience, Robert started his career with The Travelers Insurance Company and was promoted to Real Estate Investment Manager with positions in Charlotte, Atlanta and Washington, D.C. He was also an assistant vice president with U.S. Shelter in Greenville, developing over 2,000 apartments in the Carolinas and Florida. In addition to his extensive development experience, Robert has been a historic preservation consultant specializing in historic tax credits, adaptive use rehabilitations and National Register of Historic Places nominations.

Affiliated Faculty



Blouin, Vincent, Ph.D.
Associate Professor.

Education

Ph.D. in Naval Architecture and Marine Engineering,
University of Michigan
Email: vblouin@clemson.edu

Vincent Blouin holds a joint appointment in the School of Architecture and the School of Materials Science and Engineering. The main goal of his research program is to bring the technical aspects of materials science and engineering to architecture in order to increase energy efficiency and sustainability of buildings. His expertise includes experimental characterization of materials and numerical modeling of multi-physics problems (fluid, thermal and mechanical). His current research focuses on developing design guidelines for integrating advanced materials in buildings, such as phase change materials, pervious concrete, metal foams, and recycled polyester non-woven textile panels. Other activities include studying the ecology of construction materials, monitoring of building performance and energy audit for cost-effective retrofit of existing buildings.



Brooks, Johnell, Ph.D.
Assistant Professor

Education

Ph.D., Clemson University
Email: jobrook@clemson.edu

Johnell Brooks leads an interdisciplinary research team that strives to enable aging drivers to maintain their independence for as long as safely possible. She holds an appointment as a Clinical Research Faculty in the Department of Medicine at the Greenville Hospital System University Medical Center where her labs are housed. She uses simulators and instrumented vehicles to develop rehabilitation tools for clinical settings. Dr. Brooks was recently appointed as an Institute for Advancement of Health Care (IAHC) Scholar.



**Burgett, Joe, Ph.D. ,
Assistant Professor**

Education

Ph.D. in Design, Construction Science and Planning,
University of Florida
Email: jmburg@clermson.edu

Certification/Licenses

Florida Licensed General Contractor; US Green Building
Council LEED AP; American Institute of Constructors
Certified Professional Constructor

Wide range of general contractor experience as a project
manager and superintendent in various types of projects
including courthouses, biomedical, hospitals, hospitality
and retirement campuses.

Teaches the CSM environmental systems courses (HVAC,
Plumbing, Fire Protection and Electrical) and also a master
degree course in sustainability.

Research Focus in Sustainable Building, Energy Modeling,
Building Energy Efficiency Measures and Construction
Pedagogy.



**Chang, Hyejung, K.P.E., Ph.D.
Assistant Professor**

Education

Ph.D., North Carolina State
Email: hyejunc@clermson.edu

Affiliated Faculty



**Clarke, Shima, AIC, PE,
Professor**

Education

Ph.D., University of Tennessee

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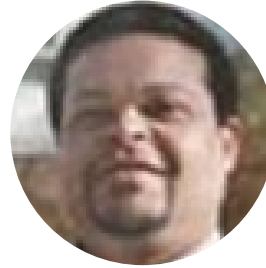
Six years of both field and office work experience as civil/structural engineer in the nuclear industry. Designed and analyzed structural components for nuclear power plants for the Tennessee Valley Authority (TVA) as well as nuclear power plants located in Mississippi, Florida, and Pennsylvania.

Teaching Focus

Teaches the CSM undergraduate courses in structures and current topics in construction. In addition teaches master degree courses in construction management research and special problems.

Research Focus

Construction Education, Design-Build/Integrated Project Delivery (IPD), Sustainability, Construction Safety, and Structures.



**Cunningham, Grant, Ph.D. ,
Associate Professor, City and Regional Planning**

Education

Ph.D. in Parks, Recreation and Tourism, Clemson University

Email: cunninm@clemsn.edu

Taught courses in planning communications, coastal planning, environmental planning, special area management planning, outdoor recreation resources management and planning, comprehensive planning studio, and landscape architecture (recreation design); taught summer school classes in the speech and communication department; assisted graduate students in preparing their theses and terminal projects; coordinator of the HUD Community Development Work Study Program for the department (received HUD funding 6 out of 9 years.)



Dyckman, Caitlin, J.D., Ph.D.
Associate Professor, City and Regional Planning

Education

Ph.D. in City and Regional Planning, University of California at Berkeley

Email: cdyckma@clemson.edu

With both a legal and a planning background, her research focuses on national and international management issues where land (and its uses) meets water. More specifically, she pursues funded and unfunded research both collaboratively and independently on larger watershed and water policy issues, including: state water planning and interstate allocation dispute resolution; water rights restructuring in response to climate change and changing demand sectors; coastal and shoreline management innovations; integration of municipal and household-level water conservation opportunities into urban planning; and planners' roles in federally-funded watershed-based planning.



Ellis, Cliff, Ph.D.
Professor of Practice and Director of the Master of Real Estate Development Program

Education

Ph.D. in City and Regional Planning, University of California at Berkeley

Email: cliffloe@clemson.edu

Cliff Ellis is a Professor in the Department of Planning, Development and Preservation at Clemson University. He is the Director of the Graduate Program in City and Regional Planning. Dr. Ellis received his Master of Planning and Community Development degree from the University of Colorado at Denver and a Ph.D. in City and Regional Planning from the University of California at Berkeley. His research areas include New Urbanism, urban design, land use planning, history of urban form, planning history, and planning theory. He has published articles in the leading journals of planning and urban design, and is on the editorial boards for the Journal of Urban Design, Journal of Urbanism, and Town Planning Review.

Affiliated Faculty



Ersoy, Ufuk, Ph.D.
Assistant Professor

Education

Ph.D. in Architecture, University of Pennsylvania

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Ersoy completed his M. Arch., M.S. in Architectural History and Theory, and Ph.D. in Architecture degrees at the University of Pennsylvania. During his graduate studies, he won James Smith Warner Memorial Prize for “outstanding work in architectural design.” His doctoral dissertation, “Seeing through Glass: The Fictive Role of Glass in Shaping Architecture from Joseph Paxton’s Crystal Palace to Bruno Taut’s Glashaus” compares the glass cultures of the Nineteenth and Twentieth Centuries. Parts of his dissertation have been published in proceedings and journals.



Farris, Terry, Ufuk, Ph.D.
Associate Professor, Real Estate Development and City and Regional Planning

Education

Ph.D. in Urban and Regional Planning, Michigan State University

Email: jfarris@clermson.edu

Founder of the Master of Real Estate Development Program. Previous positions include MCRP Program Director, 2001-2005; Founding MRED Program Director, 2004-2010; Founding Part-time CRED Director, 2001-2007.

Currently teaches Real Estate Market Analysis, Public-Private Partnership, Roundtable, Real Estate Coastal Field Trip, and Mixed Use Development Seminar. Has taught Intro to Technology, Planning Process & Administration, Housing & Community Development, Economic Development, Land Use Law & Growth Management, and Real Estate Development Process.



Green, Tim, Ph.D.
Assistant Professor, City and Regional Planning

Education

Ph.D., University of Illinois at Urbana-Champaign
Email: tgreen8@clmson.edu

Tim Green is Assistant Professor of City and Regional Planning. His main research interests lie in economic development and regional planning, specifically how economic development policies are created at local and regional scales. His work addresses the role of economic analysis in economic development planning processes and the effect of different organizational and institutional arrangements on policy choices. Most recently, his research examined how regional economic development organizations used the concept of industry clusters to set policy and make decisions. He has also conducted research on the relationship between natural and economic systems in natural disasters in the Midwest and New Orleans. Before pursuing his graduate work, he worked in conservation science at the World Wildlife Fund in Washington, DC.



Green, Keith E, RA, Ph.D.
Professor and Director, Institute for Intelligent Materials, Systems & Environments (iMSE)

Education

Ph.D. in Architecture, University of Pennsylvania;
Email: kegreen@clmson.edu

Homer Curtis Mickel & Leola Carter Mickel Endowed Chair in Architecture 2015 - 2018;
Director, Institute for Intelligent Materials, Systems & Environments (iMSE). Employing advanced information technologies, particularly robotics, Keith Evan Green investigates how architecture can behave more like living things in response to human needs and opportunities. Supported by the National Science Foundation, Green's cross-College, trans-disciplinary teams develop, prototype and evaluate "intelligent environments" for an increasingly digital society. Green is cross-appointed as Professor of Architecture and Electrical & Computer Engineering, and serves as Director of the Clemson University Institute for Intelligent Materials, Systems & Environments [iMSE] (www.CU-iMSE.org), a novel research unit partnering Architecture, Materials Science & Engineering, and Electrical & Computer Engineering.

Affiliated Faculty



Hewitt, Robert R, ASLA, RLA
Associate Professor

Education

M.C.P., University of California, Berkeley; M.L.A., University of California, Berkeley;
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Robert Hewitt is a tenured associate professor in the Department of Planning and Landscape Architecture, with both MLA and MCP from the University of California, Berkeley. He previously taught at Pennsylvania State University, where he led the Department of Landscape Architecture's Rome Program, and currently teaches community design, urban design and site design.

His research on the influence of medicine in and international landscape architecture has been published Landscape Journal, The Bulletin of the History of Medicine, The Bulletin of Anesthesia History, Psychiatry on Line Italia, The International Journal of Medicine Online, Landscape Review, and Critiques of Built Work. His professional experience includes work with Peter Walker and Partners in Berkeley and a wide range of international and North American projects.



Holland, Martin J., Ph.D.
Assistant Professor

Education

Ph.D., University of Illinois
Email: mjholla@clemsom.edu



Lauria, Mickey, Ph.D.
Director, Planning, Design and the Built Environment,
Professor, City and Regional Planning

Education

Ph.D. in Geography, University of Minnesota;
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Mickey Lauria, Ph.D., is Professor of City and Regional Planning and Director of the Ph.D. Program in Planning, Design and the Built Environment at Clemson University. He has served as President of the Association of Collegiate Schools of Planning, has edited the association's journal of record, the Journal of Planning Education and Research, and currently serves as Co-Editor of Town Planning Review while serving on the editorial boards of six planning research journals. He has published articles on community-based development organizations, urban redevelopment, and politics and planning in planning, geography, and urban studies journals. His recent research interests include conservation easements and affordable housing; empirical analysis of planning theories, patterns and impacts of housing foreclosures and abandonment; neighborhood conditions and planning issues involving race and class, and planning for growth and change in the Southeastern U.S.



Liska, Roger W., EdD, FAIC, CPC, FCIOB, PE
Chair and Professor

Education

Ed.D., University of Georgia
Email: riggor@clemson.edu

Dr. Roger W. Liska serves as Professor and Chair of Clemson University's Construction Science and Management Department and Director of its Center for the Improvement of Construction Management and Processes. He received a BS Degree in Civil Engineering from Michigan Technological University, an MS in Civil Engineering from Wayne State University and an EdD. in Educational Administration from University of Georgia. He has over 35 years of experience in construction and construction education both in teaching and administration.

Affiliated Faculty



Lucas, Jason D., Ph.D.
Assistant Professor

Education

Ph.D. in Environmental Design and Planning, Virginia Tech
Email: jlucas2@clermson.edu

Diverse experience in architecture and construction in both the private and public sectors of construction including working for the Pennsylvania Department of Transportation in their design and contract management divisions and for various construction and architecture firms involved in such activities as preliminary design, construction document preparation and producing permit drawings for homes across the north eastern portion of the U.S



Morris, Eric, Ph.D.
Assistant Professor, City and Regional Planning

Education

Ph.D. in Urban Planning, UCLA;
Email: emorri7@clermson.edu

Eric A. Morris is Assistant Professor of City and Regional Planning. His primary focus is transportation, particularly how transportation contributes to our quality of life. His current research focuses on transportation and happiness; transportation, time use, and activity patterns; and transportation and access to employment, shopping, food, and medical care. He has a strong interest in transportation equity and disadvantaged populations. He also conducts research in the field of transportation history, and is currently co-authoring a book on the development and financing of the freeway system. Other interests include transportation and land use, transportation finance and economics, transportation policy, and transportation and the environment. He wrote a column on transportation for the New York Times for several years, and now is a regular contributor to the Freakonomics website. He was also the Associate Editor of Access magazine.



Nassar, Hala, Ph.D., ASLA
Associate Professor; Graduate Coordinator of
Landscape Architecture

Education

Ph.D., Ain Shams University; M.AG., Pennsylvania State University; M.S.,
Email: hnassar@clemson.edu

Hala F. Nassar, Ph.D. served as a faculty member at Ain Shams University while practicing at COPA and ESEI in Cairo before arriving in the United States in 1996. She previously taught at South Dakota State University and West Virginia University.

Her research interests include historical and cultural landscapes, 19th century landscapes of Cairo, Islamic landscape tradition and international education. Her scholarly work is published in Landscape Journal, Landscape Review, Urban Design International and Critiques of Built work. Professor Nassar teaches various courses including History of landscape Architecture and various Design Studios. Recently Professor Nassar taught an Urban Design Studio in collaboration with Ain Shams University in Cairo which focuses on the design and development of the historic fabric of Luxor, Egypt.



Padua, Mary G., Ph.D., ASLA, CLARB, RLA
Professor and Founding Chair

Education

Ph.D., Edinburgh College of Art, University of Edinburgh
Email: mgpadua@clemson.edu

Dr. Mary G. Padua, ASLA, RLA, is founding Chair and Professor at Clemson University's new Department of Landscape Architecture at Clemson. She is a design educator, landscape architect and contemporary theorist whose published research focuses on China's post-Mao designed environments, adaptive urbanism and the meaning of public space. Dr. Padua has been invited to lecture and conduct workshops at universities on four continents. She has over twenty years of professional experience working as landscape architect and urban designer that involved collaborations with Weijen Wang, AIA, Pamela Burton, FASLA and Company, Cesar Pelli & Associates, the late Lawrence Halprin, and the late Charles W. Moore, among others. She maintains MGP Studio, a critically-minded practice focused on selected projects that interrogate culture-based contemporary issues. Additionally, she's a fine art photographer with work held in public and private collections.

Affiliated Faculty



Piper, Christine A
Professor

Education

Ph.D. in Project Management, University of South Australia

Email: cpiper@clermson.edu

25 years in construction planning, scheduling, and cost control both professionally and in academia.

Teaches undergraduate CSM courses in estimating, scheduling, project management, capstone and graduate classes in control systems, business strategy and marketing, and advanced scheduling.

Development of Continuing Education Training books, Worker Productivity, Modular Construction and Construction Workforce Issues.

Member, National Institute of Building Sciences Off-Site Construction Committee; Member and national President (2015 – 2016) of Sigma Lambda Chi, national construction honor society, member and faculty advisor of the CSM Sigma Lambda Chi chapter.



Powers, Matthew, Ph.D., ASLA
Associate Professor; Undergraduate Coordinator of Landscape Architecture

Education

Ph.D., Virginia Tech; M.L.A., Virginia Tech; B.S.L.A., West Virginia University

Email: powers8@clermson.edu

Dr. Powers teaches a range of studios and seminars focusing on environmental design and research at various scales. His primary research interests include cognitive-oriented approaches to design pedagogy and the relationship between environmental design and health disparities. Dr. Powers has extensive experience helping primary and secondary school students create learning landscapes on their campuses. Dr. Powers and his students have received state and national awards for outstanding research and innovative design.

Prior to entering academia he worked in landscape architecture and community design in West Virginia, South Carolina, and Virginia.



Schurch, Tom, Ph.D., AICP, ASLA
Professor

Education

Ph.D. in Urban Design and Planning, University of Washington;

Email: tschurc@clermson.edu

Professor Schurch is a member of the American Institute of Certified Planners and is licensed in landscape architecture. He practiced landscape architecture for several years prior to entering higher education approximately 25 years. His practice experience ranges from large-scale land use planning to intimate spaces in urban and suburban settings and includes a background in environmental analysis, and land surveying.

He has worked for clients in the public and private sectors, various user groups, and a variety of venues in the West, Midwest, and Southeast. Professor Schurch's teaching duties have been as varied as his practice experience and include studios, lecture courses, and seminars where he frequently combines facets of applications of planning and landscape architecture. His research interests include meaning in built and natural environments, regionalism, urban design and urban form.



Schwensen, Kate, FAIA
Professor and Director, School of Architecture

Education

M.Arch., Iowa State University; B.A. in Architecture, with Distinction, Iowa State University

Email: kschwen@clermson.edu

Kate Schwensen, FAIA, Professor, is the Director of the School of Architecture, Clemson University. She is a recognized leader in bridging architectural education and practice, with expertise on issues of design leadership, diversity, and evolving models of practice and education in architecture. Recent publications/presentations include: "Architectural Practice: A Critical View, Revisited", "You Can't Just Add Women and Stir", "Sustainable Education Sustainable Profession", and "The Architect at Mid- (21st) Century". Kate has held many leadership positions in professional organizations, and is currently the Co-Chair of the Education Commission of the International Union of Architects (UIA), and Co-Reporter for the UNESCO/UIA Validation Council. Schwensen was 2006 President of the American Institute of Architects, the second woman to serve as the elected leader of this then-149-year-old, 80,000-member organization. She is licensed to practice architecture in Iowa and South Carolina.

Affiliated Faculty



Smith, James P., Ph.D.
Assistant Professor

Education

Ph.D. in Architecture, Texas A&M

Email: jps7@clemson.edu

Spent 5 years as a senior project manager for a high-end custom residential developer/builder and before that he worked for Del Webb Corporation managing customer relations in Las Vegas, NV for a little over 2 years.

Teaches the CSM estimating courses and has previously taught residential capstone, materials and methods, construction graphics and introduction to construction.

Centers on trust between the key players to the construction project delivery process. Related interests include Lean Construction, Relational Sustainability, Project Team Creation and Behaviors, Ethics and Interdisciplinary Pedagogy.

Faculty advisor for the CSM student chapter of the Associated Builders and Contractors and faculty coach of their student competition team. Also engaged in study abroad programs and is a member of the Associated Schools for Construction Research Committee.



Spencer, James H., Ph.D.
Department Chair, Planning, Development and Preservation

Education

Ph.D., UCLA

Email: jhspenc@clemson.edu

James H. Spencer is Professor of City & Regional Planning, and Chair of Clemson's Department of Planning, Development, and Preservation. His current research focuses on international urbanization and planning issues, with a particular focus on water supplies, infrastructure and inequality. His research has been published in the Journal of the American Planning Association, Environment and Planning A, the Journal of Urban Health, Economic Development Quarterly, and elsewhere. His (2014) book titled Global Urbanization: The Global Urban Ecosystem is a part of the Rowman & Littlefield series on Globalization. His research has been supported by the Ford Foundation, the National Science Foundation, the National Institutes of Health and the Social Science Research Council, among others.



Sperry, Stephen
Senior Lecturer, City and Regional Planning

Education

M.L.A., Harvard University; B.L.A., Syracuse University
Email: sperrys@clemson.edu

Professor Sperry is nationally known for his GIS experience where he was a pioneer at Harvard University, where GIS was created. He has spent the majority of his career over seeing the development of a premier software package ERDAS IMAGINE. His achievements have included the first raster-vector integration, the first graphical GIS modeling package, and the first expert systems classifier. He has also testified before Congress on benefits of remote sensing and GIS modeling. Since coming to Clemson, Professor Sperry has produced peer review papers on strategic planning and measuring the consequences of urban sprawl. He was recognized by the US EPA for his approach to teaching sustainable planning and smart growth principles. He has revamped the GIS capabilities in the Department of Planning and Landscape Architecture where he works with planning, landscape architecture, and real estate development students. He has been a major contributor in visualizing and teaching the department's approach to regional design and environmental planning.



Springer, Tom, Ph.D.
Professor of Finance and Real Estate; Associate Director of the Richard H. Pennell Center for Real Estate Development

Education

Ph.D. in Real Estate, University of Georgia
Email: springe@clemson.edu

Tom first joined the Clemson University faculty in 1988. From 1992 to 2005, his career took him to Florida Atlantic University in sunny south Florida. After spending twelve years on the peninsula, Professor Springer returned to Clemson in 2005. He now serves as a board member and as the Secretary of the American Real Estate Society, henceforth making Clemson University its home address. Professor Springer is currently serving on the editorial boards of the Journal of Real Estate Research and the Journal of Real Estate Finance and Economics. Dr. Springer also consults in real estate on a part-time basis. This includes a recent stint with Marcus and Millichap Companies as a real estate economist.

Affiliated Faculty



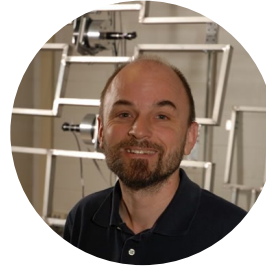
Vincent, Ellen, Ph.D.
Lecturer, Extension Associate, Environmental Landscape Specialist for Department of Horticulture

Education

Ph.D. in Environmental Design and Planning, Clemson University; MS in Agriculture emphasis in Horticulture, Northwest Missouri State University; B.A. in American Culture, State University of New York at New Paltz

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Dr. Ellen Vincent is Environmental Landscape Specialist for the School of Agriculture, Forestry, and Environmental Science. She teaches undergraduate and graduate interdisciplinary courses on sustainable landscape garden design; horticulture; and landscapes + health. Her research interests include the therapeutic benefits of nature and sustainable urban landscapes. She is the project director for the sustainable landscape demonstration garden; is a faculty associate in the Institute for Engaged Aging; and a member of the Critical Thinking Faculty (CT2).



Walker, Ian, Ph.D.
Associate Professor in Electrical & Computer Engineering

Education

Ph.D. in Electrical & Computer Engineering, University of Texas, Austin; M.S. in Electrical & Computer Engineering, University of Texas, Austin; B.Sc., University of Hull, England

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Ian Walker received a B.Sc. Degree from the University of Hull, England and M.S. and Ph.D. Degrees in Electrical & Computer Engineering from the University of Texas - Austin. He was Assistant and tenured Associate Professor in Electrical & Computer Engineering at Rice University before becoming Professor of the same at Clemson. He is a Fellow of the IEEE, a Senior Member of the AIAA, and has served on the Editorial Boards of a number of IEEE publications including Transactions on Robotics. Research funded by DARPA, NSF, NASA... centers on robotics, particularly novel manipulators and manipulation and, specifically, biologically inspired “trunk, tentacle, and worm” robots as well as Animated Workspace Environments.



White, David, PH.D
Senior Lecturer, City and Regional Planning

Education

Ph.D. in Marine Science, University of South Carolina
Email: whitedl@clemson.edu

Dr. White has a background in developing, planning, and implementing activities in support of Geographic Information Systems (GIS). His most recent efforts are focused on the design of real-time data quality control solutions for Internet of Things (IoT) and geo-spatial analytics. He has a strong background in desktop GIS focused on environmental data sciences at multiple scales (local to national). His past efforts include the development of web-based metadata authoring systems, directing the deployment of hardware and software systems for real-time data collection systems, and the design and implementation of spatially-enabled relational databases to support GIS and web services. Dr. White has a Ph.D. in Marine Science from the University of South Carolina where he studied the spatial and temporal dynamics of phytoplankton community structure and water quality in estuarine coastal systems.

Alumni



Jeremy Wells, Ph.D.
**Assistant Professor, School of Architecture, Art and
Historic Preservation, Roger Williams University**

PhD, Clemson University 2009
Email: jwells@rwu.edu

Dissertation:
Attachment to the Physical Age of Urban Residential
Neighborhoods: A Comparative Case Study of Historic
Charleston and l'On

Jeremy C. Wells was part of the second group of students to enter what was then known as the program in “Environmental Design and Planning” at Clemson University and graduated in 2009. Prior to entering the program, he worked as an historic preservation planner, Main Street manager, and as an architectural materials conservator. Wells is the co-editor of the book, *Preservation Education: Sharing Best Practices and Finding Common Ground* (University Press of New England, 2014). In addition to his Ph.D. in Environmental Design and Planning from Clemson University, he has an M.S. in Historic Preservation from the University of Pennsylvania, and a B.S. in Historic Preservation from Southeast Missouri State University.



Ellen Vincent, Ph.D.
**Horticulture, Extension Associate,
Clemson University**

PhD, Clemson University 2009
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Dissertation:
The Therapeutic Benefits of Nature Images on Health

Ellen Vincent grew up in the Hudson River Valley of New York State where she was immersed in art, architecture, and agriculture. Her Ph.D. is in Environmental Design and Planning from Clemson University. Her research areas focus on nature and health and sustainable garden design, installation, and maintenance. Ellen teaches sustainable landscape design, landscapes + health, and other classes for the horticulture program at Clemson University. Vincent is a CT2 (Critical Thinking) Faculty Scholar, a Faculty Associate for Institute for Engaged Aging, and Faculty for PDBE. She is an ISA Certified Arborist and ISA Southern Chapter Director for South Carolina.



Ole Sliepness, Ph.D.
Assistant Professor, Landscape Architecture and Environmental Planning, Utah State University

PhD, Clemson University 2009
Email: ole.sleipness@usu.edu;

Dissertation:
Exploring How Residential Communities in the Rural Southern Appalachian Mountains are Branded as Green: A Qualitative Analysis



Henrique Houayek, Ph.D.
Professor of Architecture, Pontificia Universidade Católica do Rio de Janeiro

PhD, Clemson University 2009
Email: houayek@gmail.com

Dissertation:
The Animated Work Environment: A Vision for Working Life in a Digital Society

A licensed architect in Brazil, with PhD from Clemson University, Henrique's work bridges the gap between practice and academia, serving as assistant professor in PUC-RJ as well as responsible for a series of large scale projects in Brazil including the Rio 2016 Olympic Park.

Alumni



Robert Benedict, Ph.D.
Assistant Professor and Director of the Master of Real Estate Development Program, Clemson University

PhD, Clemson University 2009
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Dissertation:
The Reintroduction of Heritage Streetcars and the Related Effects of Community Identity and Social Interaction with the Residents in Streetcar-Oriented Developments

With over 25 years of real estate finance and development experience, Robert started his career with The Travelers Insurance Company and was promoted to Real Estate Investment Manager with positions in Charlotte, Atlanta and Washington, D.C. He was also an assistant vice president with U.S. Shelter in Greenville, developing over 2,000 apartments in the Carolinas and Florida. In addition to his extensive development experience, Robert has been a historic preservation consultant specializing in historic tax credits, adaptive use rehabilitations and National Register of Historic Places nominations.



Ryan Perkl, Ph.D.
Assistant Professor, University of Arizona

PhD, Clemson University 2010
Email: rperkl@email.arizona.edu

Dissertation:
Development Of A Spatial Explicit Habitat Patch Model (C-PAN) & A Comparative Analysis Of Habitat Patch Modeling Techniques: The Quest for Capturing Conservation Targets

Dr. Perkl is an Assistant Professor of Planning in the School of Landscape Architecture and Planning at the University of Arizona. Dr. Perkl teaches courses in environmental land use planning, environmental spatial analysis, geodesigning landscape linkages, and sustainable development among others. Dr Perkl's current research focuses on the emerging field of geodesign, geospatial analysis, landscape connectivity modeling, wildlife corridor design, and merging conservation methodologies with contemporary land use planning.



Galen Newman, Ph.D.
Assistant Professor, Planning and Landscape Architecture, Texas A&M University

PhD, Clemson University 2010
Email: gnewman@arch.tamu.edu

Dissertation:
An Exogenous Approach to Circumventing Demolition by Neglect: The Impact of Agricultural Preservation on the Historic Fabric of Rural Colonial Towns

Dr. Galen D. Newman is an Assistant Professor in the Department of Landscape Architecture and Urban Planning at Texas A&M University. His research focuses on the formation and reuse of vacant land and abandoned structures in urban areas. This focus allows for interdisciplinary and collaborative research efforts in fields such as urban regeneration, land use science, disaster recovery, and human settlement. He teaches courses on history and theory, advanced digital representation and design studios in landscape architecture. His studio teaching focuses on service learning through participatory design and engagement and the application of low impact development techniques.



Geary Robinson, Ph.D.
Director, Parking and Transportation Services at University of North Texas

PhD, Clemson University 2011
Email: Geary.Robinson@unt.edu

Dissertation:
Disaster Preparedness For University/Community Transit Systems

Alumni



Tarek Mokhtar, Ph.D.
Assistant Professor of Architectural Engineering at Al Faisal University, Riyadh, Saudi Arabia

PhD, Clemson University 2011
Email: archtarek@gmail.com

Dissertation:
Monumental-IT: A “Robotic-Wiki” Monument for Embodied Interaction in the Information World

Dr. Tarek Mokhtar is an Arch-roboticist, Designer, Chairman of the Architectural Engineering Department, and Assistant Professor of Architectural Engineering in the College of Engineering at Alfaisal University. He is the founder and coordinator of the intelligent Design and Art (iDNA) Research Group at the CoE of Alfaisal University.

Dr. Tarek Mokhtar has sixteen years of teaching experience in KSA (DAU and AU), USA (Clemson U), and Egypt (Ain Shams U). He teaches courses in digital design, architectural design, computation in architecture, interactive architectural systems, digital fabrication, theory of architecture, and construction drawings.



Noah Billig, Ph.D.
Assistant Professor, Department of Landscape Architecture, University of Arkansas

PhD, Clemson University 2011
Email: nsbillig@uark.edu

Dissertation:
Turkish Informal Housing Settlements as a Typology for Modern Generative Processes in Urban Design

Noah Billig is an Assistant Professor of Landscape Architecture in the Fay Jones School of Architecture + Design at the University of Arkansas. He teaches design studios and courses in public participation, urban design, environmental & land use planning, the American landscape, and study abroad in Turkey. His research focuses on participatory and emergent design and planning, including adaptive urbanism; generative design and planning; informal settlements; and perceptions of environments.



John Ridout, Ph.D.

PhD, Clemson University 2012

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Dissertation:

Marketing Fuel Economy Standards in an Automobile Dependent Society: An Analysis of Consumer-Oriented, Industry-Produced Advertising Material



David B. Hueber, Ph.D.

Principal, Mind's Eye Golf Company

PhD, Clemson University 2012

Email: dhueber@gmail.com

Dissertation:

The Changing Face of the Game and Golf's Built Environment

David Hueber entered the Clemson PDBE doctoral program following a 25-year career as a senior executive in the golf industry, where he served as: vice president of Marketing at the PGA Tour; president and CEO of the National Golf Foundation; the Ben Hogan Company; the Pebble Beach Company; and, Cosmo World Group (a privately held Japanese conglomerate of golf companies). Of note, Texas Christian University will be publishing his book, *In the Rough: The Business Game of Golf*, in June of 2016. Currently, Hueber is writing another book that has the working title of, *The Rise and Fall of Golf Real Estate Development*; additionally, he is working with the major national golf associations regarding the sustainability of the golf industry, and he has a number of speaking and consulting engagements. For more information, his website is www.mindseyegolf.com.

Alumni



Paul Duggan, Ph.D.
Researcher with RICS Sustainability

PhD, Clemson University 2012
Email: pduggan@g.clemson.edu

Dissertation:
Removing Gournia: A study of participation in the relocation
of El Gournia, Egypt



Bruce Cole, Ph.D.
**Chair of the Business Division, Allen University
Columbia, SC**

PhD, Clemson University 2012
Email: Bruce.Cole@moore.sc.edu

Dissertation:
Building Social Infrastructure Through Public-Private
Partnerships: The Case of Student Housing in Public
Higher Education



Pernille Christensen, Ph.D.
**Senior Lecturer, Property Economics at University of
Technology, Sydney, Australia**

PhD, Clemson University 2012
Email: Pernille.Christensen@uts.edu.au

Dissertation:
Key Strategies of Sustainable Real Estate Decision-Making
in the United States: A Delphi Study of the Stakeholders

Pernille Christensen is the Course Director for the Bachelor of Property Economics program within the Faculty of Design, Architecture and Building at the University of Technology, Sydney. She teaches several courses including those in the Bachelor of Property Economics, Master of Property Development and Master of Planning programs, and leads those for doctoral students in the School of Built Environment. Pernille's research focuses on various aspects of decision making as it relates to sustainability in property and planning. Among her current research projects she is investigating the impact of flooding and terrorism on the built environment to develop more robust adaptation and mitigation decision-making strategies to enhance resilience of urban communities.



Brooklyn Wynveen, Ph.D.

PhD, Clemson University 2013
Email: brooklynnj@yahoo.com

Dissertation:
Attaining Sustainable Behavior among Non-
Environmentally-Motivated Individuals: A Formative
Experiment

Brooklynn Wynveen is a full-time wife and mom, a part-time faculty member at Sam Houston State University, a freelance researcher, an avid blogger, and a huge proponent of work-life balance. Her interests center on the human dimensions of sustainability, and take many and varied forms.

Alumni



Anthony Threatt, Ph.D.
User Experience Researcher and Design, Vanderbilt Medical Center, HealthIT

PhD, Clemson University 2013
Email: Tony.Threatt@vandervilt.edu

Dissertation:
Design and Evaluation of a Nonverbal Communication Platform Between Assistive Robots and Their Users

Tony Threatt is the user experience design lead at HealthIT at the Vanderbilt University Medical Center in Nashville, Tennessee. His day-to-day activities include user research, design, and evaluation for health care software products with agile development teams for VUMC's electronic medical record, StarPanel. Tony is currently leading efforts to integrate user experience design methodologies into all product teams within HealthIT. He is married to Melissa and has two children Lillian (4) and Miles (2).



Erik Simon, Ph.D.
Assistant Professor, Department of Construction Management, Wentworth Institute of Technology

PhD, Clemson University 2013
Email: simon@wit.edu

Dissertation:
Public Participation in Brownfield Redevelopment: The Role of Public Participation in State Administered Voluntary Cleanup Programs



David Payne, Ph.D.
Teacher of Architecture, Deerfield Academy, Deerfield, MA

PhD, Clemson University 2013
Email: paynedavid1@gmail.com

Dissertation:
Charleston Contradictions: A Case Study Of Historic Preservation Theories AND Policies

David Payne graduated from the PDBE program in August, 2013 and his research focused on the impact of Modern architecture on historic preservation and the role of traditional architecture in the 21st century. While he was a student at Clemson, David was teaching at the American College of the Building Arts and the College of Charleston. After graduation, he remained in Charleston for a year and then got a new position as a Visual Arts teacher at Deerfield Academy in Deerfield, MA. David lives in a dorm with his wife Beverley, sons George, Charlie and Henry, coaches soccer and basketball, and teaches architecture and visual design classes at DA.



Joe Manganelli, Ph.D.
Post Doctoral Fellow, Department of Automotive Engineering, Clemson University International Center for Automotive Research

PhD, Clemson University 2013
Email: mangan3@clemson.edu

Dissertation:
Designing Complex, Interactive, Architectural Systems with CIAS-DM: A Model-Based, Human-Centered, Design and Analysis Methodology

Joe Manganelli is a designer and researcher working on the design of industrial facilities for Fluor Enterprises and teaching graduate courses in information architecture and user experience design for Kent State University's School of Library and Information Sciences. Joe also currently collaborates with Clemson University, CUICAR, and the Greenville Health System on studies related to driving performance, ambulatory wayfinding performance, and the development of restorative/rehabilitative healthcare environments. Joe recently started a research and design firm called xplr design, LLC.

Alumni



Niraj Poudel, Ph.D.
Sustainable Building Design Engineer, Sefaira, Inc.

PhD, Clemson University 2014
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Dissertation:
Towards the Development of Performance Based
Guidelines for Using Phase Change Materials in
Lightweight Buildings



Melanie Duffey, Ph.D.
**Assistant Professor of Interior Design, Department of
Consumer and Design Sciences, Auburn University,
AL**

PhD, Clemson University 2014
Email: mduffey@auburn.edu

Dissertation:
Hybrid Spaces: Users' Perceptions of Digitally Mediated
Public Space

Melanie is currently an assistant professor in the Interior Design program within the Department of Consumer and Design Sciences in the College of Human Sciences at Auburn University. Joining the Auburn faculty in 2013, her research is multidisciplinary and includes research within the disciplines of: Interior Design, Architecture, Urban Planning, Communication Studies, and Environmental Psychology. It examines both the micro-scale of the user's (human) experience, and the macro-scale of the physical characteristics of the built environment. More specifically, her research focuses on changes in 'third places' -- those places outside of the home and work environment -- with the onset of wireless devices and Internet access.



Noel Carpenter, Ph.D.
Managing Member, Construction Industry Consultants, LLC

PhD, Clemson University 2014
Email: noelc123@gmail.com

Dissertation:
Comparison of the Design-Bid-Build and Construction Manager at Risk Project Delivery Methods Utilized for the Construction of Public Schools

Noel Carpenter, PhD, Clemson University. Dr. Carpenter is currently conducting postgraduate research, while managing a mechanical firm within the construction industry. With more than 20 years of experience in commercial construction management, he has taught undergraduate courses within the Construction Science and Management Department at Clemson University, and has served in various positions within the construction industry including operations, quality management, and business development.



Deborah Franqui, Ph.D.
Adjunct Professor, University of Miami

PhD, Clemson University 2014
Email: dafranqui@gmail.com

Dissertation:
Pathways Toward Assessing the Quality of Ambulatory Care Clinics
Principal, AHEAD, Architecture + Health Design Consultants, Miami, FL

Deborah Franqui is a recognized Healthcare Design conference speaker, published author, and researcher dedicated to conducting Pre-Design Research, Space Programming and Planning, Post-Occupancy Evaluations, and the development of Evidence-Based Design Guidelines and Concepts for state-of-the-art healthcare facilities and workplace environments. She recently joined Leo A. Daly as their Sr. Project Manager/Healthcare Market Leader and is the Coordinator of the University of Miami's Healthcare Design Programs, as well as a Lecturer for their Design Studios and Seminar Courses. Deborah holds a Bachelor of Architecture from Cornell University, a Master of Science in Architecture + Health and a Ph. D. in the Built Environment + Health from Clemson University.

Alumni



John Lattimore, Ph.D.
**Volunteer Manager, Community Development and
Land Development Planning, Habitat for Humanity of
Greenville County**

PhD, Clemson University 2014
Email:johnl@habitatgreenville.org

Dissertation:
Rebuilding Social Organization in Low-income
Neighborhoods: The Influence of Habitat for Humanity



Shan Jiang, Ph.D.
**Assistant Professor, Landscape Architecture/
Environmental Design, West Virginia University, WV**

PhD, Clemson University 2015
Email: shan.jiang@mail.wvu.edu

Dissertation:
Encouraging Engagement with Therapeutic Landscapes:
Using Transparent Spaces to Optimize Stress Reduction
in Urban Health Facilities

Shan Jiang received her Ph.D. in Architecture from PDBE, Clemson University in 2015. She is currently an Assistant Professor of Landscape Architecture at the School of Design and Community Development, West Virginia University. Her specialties are Therapeutic Landscapes, and the research and design of healthcare environments.



Arash Soleimani, Ph.D.
Lecturer in Architecture and Computational Design,
UNC-Charlotte, NC

PhD, Clemson University 2015
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Dissertation:
CyberPLAYce: A Cyber-Physical-Spatial Learning Environment Promoting Personal and Computational Expression for Elementary Students

Arash is a Visiting Lecturer at the UNC Charlotte School of Architecture. He holds a multidisciplinary Ph.D. and Certificate in Digital Ecologies from Clemson University School of Architecture (PDBE Program). The objective of his research is to focus on the design, prototyping and evaluation of “Architectural Robotics”. His architecture focuses on intelligent forms while inventing new possibilities for content and everyday use; it is a concept of futurism through a persistent investigation of the symbiotic potentials in nature and technology. He is currently teaching several architectural studios and computational method courses at UNC-Charlotte’s School of Architecture.



George Schafer, Ph.D.
Lecturer in Architecture, Genoa Program, Clemson
University, SC

PhD, Clemson University 2015
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Dissertation:
The LIT ROOM: Design, Implementation and evaluation of a Multi-Media, Architectural-Robotics Embedded Installation in a Public Library for Augmenting Children’s Interactive Picturebook Read-Alouds

George’s research explored the intersection between the domains of architecture, human-computer interaction, library / information science and education through the design and evaluation of a full-scale prototype – the LIT Room - installed in a public library children’s room. The LIT Room aims to cultivate children’s literacy and creativity in an environment that is digital, physical and evocative of picturebooks. The installation is housed in the children’s room at Richland Library in Columbia, South Carolina where the staff is currently facilitating innovative programming and outreach opportunities for children, teens and adults in this one-of-a-kind, technology-enhanced space.

Alumni



Courtney Grunninger Bonney, Ph.D.

PhD, Clemson University 2015
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Dissertation:
Beyond Aesthetics: Fostering Place Attachment through the Design Regulatory Process

Courtney is a 2015 graduate of the PDBE Program. Prior to beginning at Clemson, she earned her Bachelor of Architecture and Master of Community Planning from Auburn University. She also worked as a professional planner at River Valley Regional Commission in Columbus, GA focusing on community development and revitalization of historic downtowns. Courtney's dissertation research focused on the interaction between place attachment in historic districts and revitalization through the design regulatory process. Currently, she is conducting research in conjunction with Clemson's Department of Housing and Dining.



Valerie Lynn Hammett, Ph.D.
**Adjunct Assistant Professor, School of Business,
College of Charleston**

PhD, Clemson University 2015
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Dissertation:
Risk Analysis and Disaster Recovery: A Florida LIHTC Case Study

Dr. V. Lynn Hammett graduated in 2015 and is currently an adjunct professor at the College of Charleston. Her research interests include environmentally sustainable development and disaster recovery in coastal communities. Her recent work has focused on multi-family housing subsidized with Low Income Housing Tax Credits at risk of storm surge hazards. Prior to completing her PhD, Lynn earned her Masters of Science in Environmental Policy and Management at American Public University.

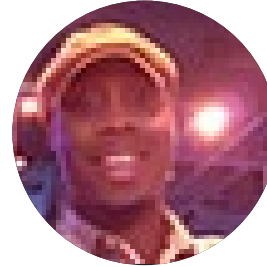
Current Students



Carlos De Aguiar
Architectural Design, Technology + Construction Processes; Chair: Keith E. Green

Email: caguiar@g.clemson.edu

Carlos received his bachelor in Architecture from Universidade Estácio de Sá, Brazil. He has worked in Rio de Janeiro as designer and architect for several years before he joined the MSc. in Design Computing at the university of Washington in 2014. At Clemson University, Carlos is working under the supervision of Dr. Keith E. Green. Carlos research examines how a responsive, cyber-physical architecture can augment social interaction in urban settings.



Jermaine Durham
Regional Community Development and Design; Chair: Mickey Lauria

Email: jermaid@g.clemson.edu

Jermaine Durham earned a Bachelor of Arts in Philosophy from Georgia Southern University and a Master of Science in Urban Studies and Planning from Savannah State University. Prior to enrolling in the PDBE program Jermaine was involved in community development projects for Savannah State University and the Housing Authority of Savannah. His current research focuses on the relationship between urban crises and processes of neighborhood change.

Current Students



Krista Evans
Regional and Community Development and Design; Chair: Cliff Ellis

Email: kmevans@g.clemson.edu

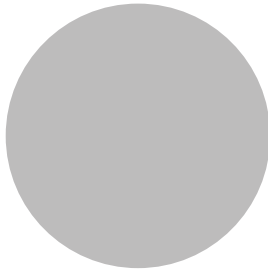
Krista Evans is a second year doctoral student in Clemson's PDBE program. She earned a MS in Resource Management from Central Washington University (2014) and a BS in Human Geography from Northern Michigan University (2001). Her dissertation research explores how urban areas are crafting land use policy to accommodate tiny/small houses. Additionally, Krista co-teaches the Planning Studio course in Clemson's MCRP program.



Jessica Fernandez
Restoration, Sustainability + Land Ecology; Chair: Matthew Powers

Email: jferna2@g.clemson.edu

Jessica Fernandez received a Bachelor of Science in Environmental Design and Masters of Landscape Architecture from Auburn University. Jessica is a licensed Landscape Architect and Campus Planner, and is also a LEED Accredited Professional in Neighborhood Development. Prior to joining Clemson University's PDBE Ph.D. program, she worked for eight years for private firms, where her specialization was on the design and master planning of higher education campuses across the nation. Her research continues this focus, exploring higher education design and planning and more specifically town-gown relationships as they are shaped by the built environment. Jessica also teaches for Clemson's Department of Landscape Architecture and is an advisee of Dr. Matthew Powers.



Tao Guan
Regional and Community Development and Design; Chair: Tom Springer

Email: tguan@g.clemson.edu

Tao Guan holds a M.S. in Philosophy (2002) and a Ph.D in Economics(2005) from Fudan University, China, and a B.S. in Education Management(1999) from Henan Normal University, China. Tao has been working for two universities in China with teaching and research focus on real estate economics and finance from 2005 through 2012. Tao's current research examines the relation between housing overdevelopment, the soaring-up housing prices and income inequality in China and other developing countries.



Maryam Hamidpour
Technology, Materials + Construction Processes; Chair: Vincent Blouin

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Maryam has an extensive background and interest in Architectural Engineering. She received her Bachelor's Degree in Iran, and her Master's Degree from Science and Research Branch of Tehran Azad University, in 2011. She worked as an architect and designer and obtained her architectural license in Iran. Prior to pursuing her doctoral studies, Maryam taught several undergraduate courses in architecture as a lecturer. She is currently a graduate assistant at Clemson University and is working towards her Ph.D. degree under the supervision of Dr. Vincent Blouin. Her primary interests include sustainable architecture, energy efficient buildings, and daylighting design. Her research focuses on the integration of smart materials and systems in buildings for improving energy performance and indoor lighting.

Current Students



Mostafa Hashem
Technology, Materials + Construction Processes;
Chair: Carlos Barrios

Email: mostafh@clermson.edu

Mostafa is a Ph.D. candidate in the College of Architecture, Art, and Humanities at Clemson University. He interests include utilizing geometry and innovative computational tools to improve the built environment. He is currently pursuing interdisciplinary research focused on providing a new definition of historic Islamic tessellations and making new correlations between design variations that will contribute to an alternative understanding of historic tessellations based on geometry and mathematics.

In 2010, Mostafa was awarded first prize by the governorate of Baghdad in a design competition with the theme of Baghdad entrances. In 2011, he participated in a design team and was awarded fourth prize by Ministry of Housing in an international competition for designing economic housing. Mostafa has a background in architectural engineering from the University of Technology in Iraq. He completed his graduate studies in building technology at the Universiti Sains in Malaysia.



Lei Hua
Restoration, Sustainability + Land Ecology;
Chair: Mary Padua

Email: hua2@c.clemson.edu

Lei Hua has received his Master of Landscape Architecture from the University of New Mexico in 2011 and Bachelor degree of Landscape Architecture from the Central South University of Forestry and Technology in China in 2007. Lei has practiced as a professional landscape designer in both of the U.S. and China for several years. His current research focuses on the relationship between built environment and urban residents' health with an emphasis on the context of China's neighborhoods.



William Lewis
Built Environment + Health; Chair: Dina Battisto

Email: wblewis@clemson.edu

William Lewis is a Major serving in the United States Army as a Medical Service Corps Officer that specializes in Medical Logistics and Healthcare Facility Planning. William has worked as a Medical Administrator and Healthcare Facility Planner over the last 10 years in various assignments around the globe. He has a Bachelor of Science in Architecture from Norwich University. He also received his Masters in Architecture from Norwich University in 2005. William is most interested in Post Occupancy Evaluation (POE) for sustainability usage within the Military Health System.

William Lewis was born in Baton Rouge, Louisiana in 1981 and I have a wife (Yetta) along with two children (Mina, 12; Victor, 14 months).



Pai Liu
Restoration, Sustainability, and Land Ecology; Chair: is Hala Nassar

Email: pail@clemson.edu

Pai Liu completed her Master of Landscape Architecture from Clemson University (2015) and had her B.S. in landscape architecture from Beijing Forestry University (2013). Her interest lies in the area of historical and cultural landscapes. Pai's current research examines the culturally sensitive retirement community and its influence on minority elderly immigrants.

Current Students



Mellone F. Long
Regional and Community Development and Design; Chair: Mickey Lauria

Email: mellonl@clermson.edu

Mellone is currently a PhD candidate in her third year. She has previously worked as a planner in various capacities for the last fifteen years in Lorain, OH; Fort Myers, FL; and Greenville, SC. She has a Bachelor in Urban Management from Cleveland State University. She also received her Masters of Science in Public Policy from Carnegie Mellon University in 1998. Mellone is most interested in how planning ethics impact various disciplines and the communities in which they try to function.



Herminia S. Machry
Built Environment + Health; Chair: Anjali Joseph

Email: hmachry@clermson.edu

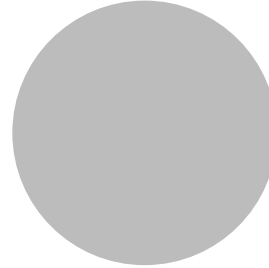
Herminia is a Brazilian Architect and Urban Planner (UFSC, 2004) and holds a Master Degree from the University of Sao Paulo (USP, 2010). She has worked as a designer on Healthcare Facility projects since 2005, and has also been a professor in Architecture and Healthcare Hospitality undergraduate courses for the past five years. Herminia developed her Master research on the impact of technological advances in medical buildings' architectural changes, and is currently interested in contemporary architectural configuration of complex buildings (especially Hospitals), Evidence Based Design and human well-being factors influencing the constructed environment. She is working as a Graduate Assistant under the supervision of Dr. Anjali Joseph, her PhD advisor.



Goulwendin Alexia Nikyema
Architectural Design, Technology + Construction
Processes; Chair: Vincent Blouin

Email: gnikyem@g.clemson.edu

Goulwendin Alexia Nikyema is from Burkina Faso. She has a background in Architecture, Urban and Regional Design, and Energy Management. She holds an M.S. in Energy Management (2015), M.Arch. in Urban and Regional Design (2011), a B.Arch. and B.A. of English (2010) from the New York Institute of Technology. She developed her Master of Architecture research on developing a locally sustainable building matrix which could adapt to the users' changing needs. Her current research interests include further exploration of sustainability and the built environment through a multidisciplinary research which combines Architecture and Energy Management.



Jorge Mata Otero
Regional and Community Development and Design;
Chair: Mickey Lauria

Email: Jorgem@clemson.edu

Current Students



Nyoman Dewi Pebryani
Architectural Design, Technology + Construction Processes, Chair: Carlos Barrios

Email: npebrya@g.clemson.edu

Nyoman Dewi Pebryani received her bachelor degree in Architecture from Brawijaya University Indonesia and Master of Arts in Spatial Design from Huddersfield University in collaboration with Nanyang of Fine Art Singapore in 2008. She was a lecturer at the Design Institution in Indonesia for the five years before pursuing her PhD. She has passion in elaborating 'grammar formalism' of patterns from textile weaving into digital application.



Yang Song
Restoration, Sustainability + Land Ecology; Chair: Matthew Powers

Email: yangs@clemson.edu

Yang Song had his Bachelor of Agriculture degree in Landscape Design from Beijing Forestry University in 2011, and completed his Master of Landscape Architecture from Clemson University in 2013. Yang is passionate about creating natural environment in urban areas. His interest lies in the area of landscape ecology and environmental psychology. Currently, he is working on developing design guidelines for integrating educational and play theories in learning landscape design.



Yixiao Wang
Technology, Materials and Construction Processes;
Chair: Keith Green

Email: yixiaow@g.clemson.edu

Yixiao Wang has a background in architecture, theoretical mathematics and theoretical physics. Yixiao completed his Bachelor of Architecture from Hunan University in China in 2012. He then continued to pursue his master of architecture degree in University of California, Berkeley. The major focus of the program are space exploration and new materials, completed 2013. His Master's thesis dealt with space exploration with fabric and digital fabrication with new materials. The thesis won the 'KMD prize for design excellence in digital architecture' (Berkeley Thesis Prize). Then Yixiao went to work for 'Adam Sokol Architecture Practice' (Buffalo) and 'Mark Fornes & Theverymany' (Brooklyn) for about a year before going to Clemson for his Ph.D study. Yixiao has more than 6 years experience in 3D solid and parametric modeling, animations and geometric scripting. Yixiao's research will be directed towards architecture robotics, cyberspace and in detail, how to integrate technology into library space.

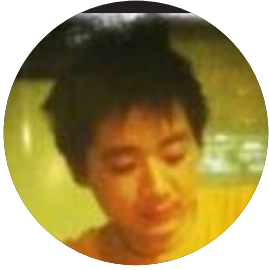


Deborah Wingle
Built Environment + Health; chair: Dr. Anjali Joseph

Email: dwingle@g.clemson.edu

Deborah Wingle has been an advocate for innovation within healthcare since 1998. She holds a Masters of Science and Design in Healthcare and Healing Environments from The Herberger Institute for Design and the Arts from Arizona State University, and a Bachelors of Science from Northern Arizona University. Her current research focuses on bringing high-quality care to vulnerable populations and medically underserved communities within the ambulatory care environment throughout the United States and internationally. She is most interested in understanding the impact of the built environment on the patient and staff experience for emerging models of care.

Current Students



Nixon Wonoto
Technology, Materials + Construction Processes;
Chair: Vincent Blouin

Email: nwonoto@clemson.edu

Nixon completed his Bachelor of Architecture from University of Pelita Harapan in 2009. He then continued to pursue his Master of Science degree in Digital Design and Manufacturing at the Georgia Institute of Technology, completed in 2011. His Master's thesis project dealt with the integration of parametric design and structural analysis for analyzing deployable origami tessellation. The papers of his thesis project have been published in eCAADe, CAD13 and ICOSA conference with each paper focusing on different aspects related to structural, geometric scripting, and interoperability between parametric and finite element systems and the workflow of the biological inspired and origami design for architecture. With more than 6 years experience in 3D solid and parametric modeling, animations and geometric scripting. His research will be directed toward studying the existing collaborative process between architects and structural engineers as the guideline to develop the integration of the parametric and finite element systems for early design evaluation.

Employees



Connie Robinson

Email: cornelr@clemson.edu



Patricia "Patty" McNulty

Email: pmcnult@clemson.edu

Patty McNulty worked as the Student Services Coordinator in the Department of Planning and Landscape Architecture from 2005-2011. During this time, the department saw a significant growth in new graduate programs, one in which was the PhD in Environmental Design and Planning (EDP). This was the first PhD program in the College of Architecture, Arts and Humanities and Patty was instrumental in this programs inception and subsequent growth. It was very rewarding to see the first class graduate and to this day, she still is in touch with many of the graduates of the program.