

Current Position

since Sept. 2007 **Clemson University | School of Architecture**
Associate Professor
3-106 Lee Hall | Clemson, SC 29631
T. +1 (864) 633 6836 | Fax. +1 (864) 656 1810
E. ulheine@clemson.edu

Education and Degrees

1994 *Vordiplom* (Bachelor of Architecture equivalent)
Brandenburg University of Technology Cottbus | Germany
1994 -1995 *ERASMUS* (EuRopean Community Action Scheme for the Mobility of University Students)
Escuela Técnica Superior de Arquitectura Barcelona | Spain
1999 *Diplom* (Master of Science in Architecture equivalent)
Brandenburg University of Technology Cottbus | Germany

Academic Experience

August 2017 **Clemson University | School of Architecture** | USA
Appointment as Assistant Director for the School of Architecture
August 2014 **Clemson University | School of Architecture** | USA
Appointment as Associate Chair for Architecture
August 2014 **Clemson University | School of Architecture** | USA
Tenure and Promotion to Associate Professor and Associate Chair
Sept. 2007- 2014 **Clemson University | School of Architecture** | USA
Assistant Professor
Field: Design and Sustainability
• Studios taught: ARCH 251/ 452/ 851/ 892/ 893/ 894
• Seminars taught: ARCH 873/ 874/ 879
• Research: Energy Efficient and Climate Specific Affordable Building Design
2004 - 2007 **Technical University Berlin** | Germany
Lecturer
Field: Construction and Climatic Design
• Responsible for teaching graduate design studios, seminars and giving lectures in climatic design and construction
• Educational assistant to the foreign ERASMUS students
• Research in construction and climatic design on the potential for sustainable design
• Consultant to the diploma examination board
• Public relations
• Website design for School of Architecture webpage (<http://www.a.tu-berlin.de/hascher/>)
1995 - 1998 **Brandenburg University of Technology Cottbus** | Germany
Tutor
Field: Urbanism and Design
• Teaching freshmen design studios
• Documentation
• Organization of field experiences

Professional Experience

2000 - 2005 **Hascher Jehle Architektur, Berlin** | Germany
Project manager and Co-leader
• BROSE Masterplan Werk Wuppertal, Germany
Design
• PHOTO STUDIO WERNER PAWLOK, Stuttgart | Germany
Implementation, planning, and detailing
• STUTTGART MUSEUM OF ART, Stuttgart | Germany (2000-2004)
Tender and detailing
• LSV OFFICE BUILDING, Landshut | Germany (2001-2003),
Implementation, planning, and detailing
• LOGISTICS CENTER BECHTLE AG, Neckarsulm | Germany
Implementation, planning, and detailing
2001 **Self employed**
Project architect

Apartment WITZLEBENSTRASSE 2, Berlin-Charlottenburg | Germany
Retrofit and Reconstruction

2000 **Self employed**
Project architect
Apartment KUNO FISCHER STRASSE 14, Berlin-Charlottenburg | Germany
Retrofit and Reconstruction

1999 - 2001 **Clarke und Kuhn Freie Architekten**, Berlin | Germany
Project architect

- PROKON Office Building, Itzehoe | Germany
- Serial Housing: DAS MÄRKISCHE HAUS, LEG Wohnen mbH
- HUMMEL GEHRCKE RESIDENCE, Stahnsdorf | Germany (1999–2000)
- HEINISCH RÄTZ RESIDENCE, Berlin Hohenschönhausen | Germany (1999–2000)

Planning permission, construction design and building supervision

Additional Work Experience

2007 **Buerogemeinschaft Siblin** | Germany
Layout and Design, Website: <http://www.buero-siblin.de>

2006 **Helipad GmbH**, Siblin | Germany
Consultant, New Development of a Helicopter Base

2005 **Deutsche Nationalstiftung**, Weimar | Germany
Consultant, Appointment of new members in the field of Architecture and Engineering

2005 **Sibliner Hof**, Siblin | Germany
Consultant, Reconstruction Residential Houses

1994 **HOCHTIEF**, Bonn | Germany
Intern, Construction Company (8 weeks)

1993 **K. Gries**, Bonn | Germany
Intern, Joiner's Workshop (8 weeks)

1990 **National Building Surveyor's Office**, Bonn | Germany
Intern, (4 weeks)

Professional Membership

2009 **SBSE** Society of Building Science Educators | *Member*

2007 **U.S. GREEN BUILDING COUNCIL**, South Carolina | *Member*

2001 **ARCHITEKTENKAMMER** Berlin | Germany (Chamber of Architects) | *Member*

PUBLICATIONS

Editorship

2005 Project Report **LSV Landshut**
Private publishing

2004 Office Monograph **Hascher Jehle Architektur**
Archiworld Co., Ltd Korea, ISBN 89-5770-072-2

2003 Project Report **LVA Augsburg**
Fraunhofer IRB Verlag, ISBN 3-8167-6113-5

2002 Project Report **DVG Hannover**
Fraunhofer IRB Verlag, ISBN 3-8167-6112-7

Peer Reviewed Publications

2017 **Journal of Technology | Architecture + Design (TAD)**
Title: "Assembling the Digital House by Hand: Lessons from Deep Engagement and Guiding the Experimental Impulse,"
Authors: D. Albright, D. Harding, D. Pastre, U. Heine, V. Blouin,
volume 1, issue 1 (2017): 92-106. ISSN _ 2475-1448

2017 **Procedia Environmental Sciences**
Title: "Indigo Pine: Net Zero Performance in a Unique Package,"
Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre,

- volume 38 (2017): 60-67. ISSN _ 1878-0296
- 2017 **International Journal of Computational Methods and Experimental Measures (CMEM)**
 Title: "Sim[PLY]: Rapid Structural Assemblies Using CNCFabricated Plywood Components."
 Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre,
 volume 5, issue 4 (2017): 532-538. ISSN _ 2046-0554
- 2016 2016 Sustainable Built Environment Conference (SBE) | Thessaloniki, Greece
Sustainable Synergies from Buildings to the Urban Scale
 Title: "Sim[PLY]: Sustainable Construction with Prefabricated Plywood Componentry."
 Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre, N. Huethe,
- 2016 2016 Sustainable Built Environment Conference (SBE) | Thessaloniki, Greece
Sustainable Synergies from Buildings to the Urban Scale
 Title: "Indigo Pine: Net Zero Performance in a Unique Package."
 Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre,
- 2016 **5th Int'l Conference on Mobile, Adaptable and Rapidly Assembled Structures (MARAS)** |
 Sienna, Italy
 Title: "Sim[PLY]: Rapid Structural Assemblies Using CNC Fabricated Plywood Components."
 Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre,
- 2016 2016 Sustainable Futures Conference (SFC) | Nairobi, Kenya
Architecture and Construction in the Global South
 Title: "Sim[PLY]: Enabling Sustainable Human-Centered Construction Through Prefabricated
 Plywood Components."
 Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre.
- 2016 2016 **World Conference on Timber Engineering (WCTE)** | Vienna, Austria
 Title: "Sim[PLY]: Innovative Platform Framing With CNC-Fabricated Plywood Componentry."
 Authors: D. Albright, M. Stoner, V. Blouin, D. Harding, U. Heine, D. Pastre.
- 2016 2016 Passive and Low Energy Architecture (PLEA) International Conference | Los Angeles,
 California
Cities, Buildings, People: Towards Regenerative Environments
 Title: "Sim[PLY]: Achieving Carbon Neutrality Through Innovative Building Assemblies and
 Processes"
 Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre.
- 2016 2016 EAAE / ARCC International Conference | Lisbon, Portugal
Architectural Research Addressing Societal Challenges
 Title: "A Solar Decathlon House Intentionally Designed to Increase Teaching Opportunities."
 Authors: V. Blouin, D. Albright, D. Harding, U. Heine, D. Pastre.
- 2015 **Passive and Low Energy Architecture (PLEA)** International Conference | Bologna, Italy
 Title: *Architecture in Revolution*
 Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre. "Sim[PLY]" (2015).
- 2014 **Journal of Civil Engineering and Architecture** | David Publishing Company
 Volume 8, Number 4, April 2014 (Serial Number 77)
 Title: *Teaching Sustainability In Design Without Greenwashing*
 Author: Ulrike Heine
 ISSN: 19347359 (print) | ISSN 1934-7367 (online)
- 2012 ICSDEC 2012 | 2nd International Conference for Sustainable Design, Engineering and
 Construction
Developing the Frontier of Sustainable Design, Engineering, and Construction
 Title: *Low-Carbon Materials Management: A Case Study For A Net-Zero Energy
 House With Minimized Carbon Footprint*
 Editors: Wai Kiong Oswald Chong, Jie Gong, Jae Chang, and Mohsin Khalid
 Authors: Kelly Kruzner; Ulrike Heine; Leidy Klotz, Ph.D.
 ISBN: 9780784412688
- 2012 SASBE 2012 | 4th CIB Conference on Smart and Sustainable Built Environments
Emerging economies
 Title: *Teaching Sustainability in Design Without Greenwashing*
 Author: Ulrike Heine
 Editors: Vanessa Gomes, Maristela Gomes da Silva
 ISBN: 978-85-65823-03-6
- 2012 28th International PLEA (Passive and Low Energy Architecture) Conference Lima | Peru
Opportunities, Limits & Needs | Towards An Environmentally Responsible Architecture

- Title: Teaching Sustainability in Design without Greenwashing
 Author: Ulrike Heine
 Editors: Juan Reiser, Susana Biondi, Cecilia Jimenez
 ISBN in press
- 2010 USCUDAR 2010
Urban Sustainability, Cultural Sustainability, Green Development, Green Structures And Clean Cars
Title: A Design for a Zero Energy House for the Southern United States
 Author: Ulrike Heine
 Editors: Nasingh Deo, Metin Demiralp, Milan Stork, Eva Milkova, Hidetoshi Wakamatsu, Kiyoyuki Tchizawa
 ISBN: 978-960-474-227-1
- 2010 The Seventh International Conference of the Center for the Study of Architecture in the Arab Region
Sustainable Architecture & Urban Development Vol. IV
Title: Design and Validation Premises and Concept for the Design of an Affordable Zero Energy House
 Author: Ulrike Heine
 Editors: Steffen Lehmann, Husam Al Waer, Jamal Al-Qawasmi
 ISBN 978-9957-540-03-6
- 2009 26th PLEA (Passive and Low Energy Architecture) International Conference 2009, Quebec | Canada
Architecture, Energy and The Occupant's Perspective
Title: USA Today Being and Becoming – Sustainable Architecture in the USA
 Author: Ulrike Heine
 Editors: Claude Demers, Andre Potvin
 ISBN 978-2-7637-8939-2
- 2008 WSEAS (World Scientific and Engineering Academy and Society) Faro | Portugal
New Aspects of Energy, Environment, Ecosystems and Sustainable Development, Part II and III
Title: On the Way to Sustainable Architecture in the United States
 Author: Ulrike Heine
 Editors: Thomas Panagopoulos, Teresa Noronha Vaz, Maria Dulce, Carlos Antunes
 ISBN 978-970-6766-71-8

Articles about projects

- 2012 **Glimpse | Research and Creative Discovery** | Clemson University
Bringing it home | Prize Winning Teams Zero In On Housing
 Volume 1 - Spring 2012
- 2010 **AAH - Research in the College of Architecture, Arts and Humanities**
 Clemson University
Architecture Adds Zero to Equation
 Issue 2010
- 2008 **Green Builder Magazine** | Pathfinder
Past as Prologue | This German-trained architect argues that U.S. homes can be built greener using non-mechanical, time-tested concepts.
 Issue 09/08
- 2007 **Greater Columbia Business Monthly**
Rethinking American Architectural Design: Get rid of waste
 January 2008 Edition

Exhibitions/ Catalogs

- 2017 **Lee Gallery**, Clemson
NAAB Accreditation Team Room
- 2013 **Lee Gallery**, Clemson
Centennial Exposition / Publication
 Editorship Timeline
- 2012 **Lee Hall Broadway**, Clemson

- Dow Solar - Design To Zero Competition 2012*
Comprehensive Studio Design Work
- 2011 **Lee Gallery**, Clemson
NAAB Accreditation Team Room
- 2010 **Lee Hall Courtyard**, Clemson
Kinetic Mobile
Comprehensive Studio Design Work
- 2010 **Lee Hall Broadway**, Clemson
A Memorial Chapel For Clemson University
Comprehensive Studio Design Work
- 2010 **Lee Hall Broadway**, Clemson
A Memorial Chapel For San Antonio, TX
Comprehensive Studio Design Work
- 2009 **Lee Hall Broadway**, Clemson
Clemson Natatorium
Comprehensive Studio Design Work
- 2008 **Lee Hall Broadway**, Clemson
Clemson Campus Core | A New Dining Facility
Comprehensive Studio Design Work
- 2007 **Lee Gallery**, Clemson
NAAB Accreditation Team Room
- 2006 **Technical University Berlin** | Germany
Exhibition Pavilion For A Facade Competence Center
Exhibition Schueco Student Competition
- 2001 **Galerie Der Stadt Stuttgart, Stuttgart** | Germany
Museen Für Ein Neues Jahrtausend (Museums For A New Century)
Exhibition And Special Catalogue
- 2001 **Trade Fair Muenchen**, Muenchen | Germany
UNIPOR Architecture Award
Exhibition During The Trade Fair Bau Muenchen

Conferences and Presentations

Peer Reviewed

- 2016 2016 Sustainable Built Environment Conference (SBE) | Thessaloniki, Greece
Sustainable Synergies from Buildings to the Urban Scale
Title: "Sim[PLY]: Sustainable Construction with Prefabricated Plywood Componentry."
Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre, N. Huette,
- 2016 2016 Sustainable Built Environment Conference (SBE) | Thessaloniki, Greece
Sustainable Synergies from Buildings to the Urban Scale
Title: "Indigo Pine: Net Zero Performance in a Unique Package."
Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre,
- 2016 **5th Int'l Conference on Mobile, Adaptable and Rapidly Assembled Structures (MARAS)** |
Sienna, Italy
Title: "Sim[PLY]: Rapid Structural Assemblies Using CNC Fabricated Plywood Components."
Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre,
- 2016 2016 Sustainable Futures Conference (SFC) | Nairobi, Kenya
Architecture and Construction in the Global South
Title: "Sim[PLY]: Enabling Sustainable Human-Centered Construction Through Prefabricated Plywood Components."
Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre.
- 2016 2016 **World Conference on Timber Engineering (WCTE)** | Vienna, Austria
Title: "Sim[PLY]: Innovative Platform Framing With CNC-Fabricated Plywood Componentry."
Authors: D. Albright, M. Stoner, V. Blouin, D. Harding, U. Heine, D. Pastre.
- 2016 2016 Passive and Low Energy Architecture (PLEA) International Conference | Los Angeles, California
Cities, Buildings, People: Towards Regenerative Environments
Title: "Sim[PLY]: Achieving Carbon Neutrality Through Innovative Building Assemblies and

- Processes”
 Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre.
- 2016 2016 EAAE / ARCC International Conference | Lisbon, Portugal
Architectural Research Addressing Societal Challenges
 Title: “A Solar Decathlon House Intentionally Designed to Increase Teaching Opportunities.”
 Authors: V. Blouin, D. Albright, D. Harding, U. Heine, D. Pastre.
- 2015 **Passive and Low Energy Architecture (PLEA)** International Conference | Bologna, Italy
 Title: *Architecture in Revolution*
 Authors: D. Albright, V. Blouin, D. Harding, U. Heine, D. Pastre. “Sim[PLY]” (2015).
- 2013 ACSA (Association of Collegiate Schools of Architecture), San Francisco, CA | USA
New Constellations / New Ecologies
 Session Moderation: *Guerilla Ecologies*
 Authors: Ulrike Heine, Dan Harding, Bernhard Sill, Aaron Bowman
- 2012 PLEA (Passive and Low Energy Architecture) 2012, Lima | Peru
Opportunities, Limits & Needs: Towards An Environmentally Responsible Architecture
 Paper Presentation: *Teaching Sustainability in Design Without Greenwashing*
 Author: Ulrike Heine [see listed with all detail above]
- 2012 SASBE (Smart and Sustainable Built Environments) 2012, Sao Paolo | Brazil
Smart and Sustainable Built Environments: Emerging economies
 Paper Presentation: *Teaching Sustainability in Design Without Greenwashing*
 Author: Ulrike Heine [see listed with all detail above]
- 2012 ICSDEC 2012 | 2nd International Conference for Sustainable Design, Engineering and Construction
Developing the Frontier of Sustainable Design, Engineering, and Construction
 Paper Presentation: *Low-Carbon Materials Management: A Case Study For A Net-Zero Energy House With Minimized Carbon Footprint*
 Authors: Kelly Kruzner; Ulrike Heine; Leidy Klotz, Ph.D. [see listed with all detail above]
- 2012 USGBC Chapter Conference and Expo, Greenville, SC | USA
Sustain SC
 Presentation: *Affordable Low Energy Architecture As An Equilibrium of Passive and Active Home design strategies*
 Author: Ulrike Heine
- 2010 Hawaii International Conferences, Honolulu | Hawaii
2010 Hawaii International Conference On Arts & Humanities
 Paper presentation: *Zero Energy Architecture in the South*
 Author: Ulrike Heine
- 2010 The Second International Conference on Sustainable Architecture and Urban Development | Amman, Jordan
SAUD 2010 Conference
 Paper presentation: *Design and Validation Premises and Concept for the Design of an Affordable Zero Energy House*
 Author: Ulrike Heine [see listed with all detail above]
- 2010 WSEAS (World Scientific and Engineering Academy And Society) | Malta
Urban Sustainability, Cultural Sustainability, Green Development, Green Structures And Clean Cars (USCUDAR 2010)
 Paper presentation: *A Design for a Zero Energy House for the Southern United States*
 Author: Ulrike Heine [see listed with all detail above]
- 2009 Hawaii International Conferences, Honolulu | Hawaii
2009 Hawaii International Conference On Arts & Humanities
 Paper presentation: *USA Today Being and Becoming – Sustainable Architecture in the USA*
 Author: Ulrike Heine
- 2009 Hawaii International Conferences, Honolulu | Hawaii
2009 Hawaii International Conference On Arts & Humanities
 Paper presentation: *The Clemson Zero Energy House*
 Author: Ulrike Heine
- 2009 26th PLEA (Passive and Low Energy Architecture) International Conference 2009, Quebec | Canada
Architecture, Energy and the Occupant’s Perspective
 Paper Presentation: *USA Today Being and Becoming – Sustainable Architecture in the USA*

- Author: Ulrike Heine [see listed with all detail above]
- 2008 WSEAS (World Scientific and Engineering Academy and Society), Faro | Portugal
4th IASME/WSEAS International Conference On Energy, Environment, Ecosystems And Sustainable Development
 Paper presentation: *On the way to sustainability in the United States*
 Author: Ulrike Heine [see listed with all detail above]
- 2008 Oxford Conference, Oxford | GB
50 years on – Resetting the Agenda of Architectural Education
 Poster presentation: *Energy saving architecture by following the laws of nature*
 Author: Ulrike Heine
- Invited
- 2012 AIA (American Institute of Architects) Greenville, SC | USA
Women in Architecture
 Presentation: *Ulrike Heine - Architektin*
- 2009 St. Petersburg State University, School of Architecture and Civil Engineering (SPSUACE)
 St. Petersburg | Russia
St Petersburg Award 2008
 Lecture: *Sustainable Architecture*
- 2008 USGBC (US Green Building Council) STATE CHAPTER, Greenville, SC | USA
Upstate Branch of the USGBC State Chapter | August Lecture
 Lecture: *Sustainable Architecture | Reasons, Examples, Goals*
- 2008 WSEAS (World Scientific And Engineering Academy And Society) Corfu Island | Greece
Energy planning, Energy saving and Environmental Education
 Keynote Speaker: *Architecture and Sustainability*
- 2008 Anderson County Library, Anderson, SC | USA
Annual Staff Training on the Awareness of Sustainability
 Presentation: *How can you put your carbon footprint on a diet?*
- Participation
- 2010 ACSA (Association Of Collegiate Schools Of Architecture), Savannah, GA | USA
Regional Conference
Architecture Is A Thing Of Art
- 2010 ACSA (Association Of Collegiate Schools Of Architecture), New Orleans, LA | USA
99th Annual Conference
Re. Building
- 2009 ACSA (Association Of Collegiate Schools Of Architecture), Portland, Oregon | USA
98th Annual Conference
The value of design: Design is at the core of what we teach and practice
- 2008 25th PLEA (Passive and Low Energy Architecture) International Conference 2008,
 Dublin | Ireland
97th Annual Conference
Towards Zero Energy Building
- 2007 ACSA (Association Of Collegiate Schools Of Architecture), Washington D.C. | USA
Southeast Fall Conference
Assuming responsibility: Architecture of Stewardship
- 2007 ACSA (Association Of Collegiate Schools Of Architecture), Houston, Texas | USA
96th Annual Conference
Seeking the City: Visionaries on the margins

RESEARCH AND GRANTS

Research

- 2017 | 2018 Develop the website ARCHJOURNEY.ORG - Travel The World Through Architecture.
 Sponsored by CAF (Clemson Architectural Foundation)
 A curated database with [currently] 11 cities / 165 top projects to visit in each location
- 2014 *Clemson University's Solar Decathlon 2015: A Techno-Local Solar House for South Carolina;*
 Sponsored by DOE (UNITED STATES DEPARTMENT OF ENERGY) from 5/1/2014 to 4/30/2016
- 2012- present *Easley Zero Energy House*

- Funded research by Carolina AAC and Greenville Building Supply [GBS]
- 2012 - present *Definition of the generic Term SUSTAINABILITY*
Survey the top 100 most influential architecture firms of the world involved in sustainability
Book proposal
- 2012 Habitat for Humanities
The Sustainable Home – Design of a simple, decent, healthy, and affordable home
Funded research by NOTBLOX®
- 2008 - present *Clemson Zero Energy House*
Research, design, detailing and construction of a Zero Energy House for Clemson University as a show case for Sustainable Architecture
- 2008 *The Cliffs Preserve, Patagonia | Chile*
Examination of current structures and practices related to environmental sustainability and exploration of a potential for future site development as a Clemson research and education center.
- 2007 - present *Construction Manual for Climate Sensitive Design*
Structured by materials / standard work
- 2006 Development of a *Façade Competence Center* at the TU Berlin in cooperation with SCHUECO International | Germany
- 2005 Development of *New Towns* as a strategy of a sustainable settlement development for future mega-cities (e.g., Hashtgerd | Iran)

Grants

- 2017 | 2018 2017- 2018 CAF Funding
Developing the website ARCHJOURNEY.ORG
Principal Investigator / Team Credit 100% / Amount \$1,750
- 2015 Pre-Cast Concrete Institute Foundation Grant
Consultant / amount \$100,000.00 / category national
- 2014 *Clemson University's Solar Decathlon 2015: A Techno-Local Solar House for South Carolina;*
Sponsored by DOE (UNITED STATES DEPARTMENT OF ENERGY) from 5/1/2014 to 4/30/2016
Co Principal-Investigator / team credit 7% / amount \$50,000 / category federal
- 2010 **NSF (National Science Foundation)**
Science Master's Program [SMP]: Sustainable And Resilient Infrastructure
Project Manager: Ronald Andrus, Department of Civil Engineering
Principal-Investigator / team credit 9% / amount \$664,481 / category federal
- 2010 **CAF (Clemson Advancement Foundation)**
A Methodology For Assessing Dynamic Building Energy Consumption
A Collaborative Research Project conducted by the School of Architecture [Ulrike Heine, Dr. Vincent Blouin], the School of Materials Sciences and Engineering [Dr. Blouin] and the Department of Civil Engineering [Dr. Nigel Kaye]
Principal-Investigator / team credit 100% / amount \$3,200
- 2010 **CAAH Research Development Program**
Clemson Zero Energy House
Principal Investigator / Team Credit 100% / Amount \$3,000
- 2009 - 11 **Creative Inquiry**
Design, Plan And Evaluate A Clemson Zero Energy House
Principal investigator / team credit 100% / amount \$3,000 / year
- 1994-1995 **Grant Of The European Union (Erasmus)**
For the Study of Architecture as a student in the Bachelor with Honors at the Escuela Técnica Superior de Arquitectura Barcelona | Spain

HONORS AND AWARDS

Awards

- 2013 **Clemson University CAAH**
Dean's Excellence Award in Teaching nomination
- 2012 **AIAS (American Institute of Architects)/ ACSA (Association of Collegiate Schools of Architecture)**
New Faculty Teaching Award 2012

- 2012 **CAAH College of Architecture, Arts and Humanities**
Creativity Professorship
April 2012 Clemson University, 2-year term
- 2004 **BDA (BUND DEUTSCHER ARCHITEKTEN – AIA equivalent) AWARD - Schleswig Holstein**
Honorable Mention
Prokon Office Building, Itzehoe | Germany
- 2003 **Architecture & Technology Award**
1st prize
dvg Office Building, Hanover | Germany
- 2003 **Architectural Association Award, Da! 'Architecture In Berlin 2003'**
Heinisch Rätz Residence, Berlin Hohenschönhausen | Germany
- 2003 **Unipor Architecture Award**
3rd prize
Heinisch Rätz Residence, Berlin Hohenschönhausen | Germany

Prizes | Competitions

- 2000 **Competitive Proceeding**
1st Prize
Prokon Office Building, Itzehoe | Germany
- 2000 **Multiple Assignment**
1st prize
Development of A Family of Residential Houses For A (Sub-) Urban Context
- 1996 **Realization Competition**
Honorable Mention
New Faculty Building For Architecture / Design / Interior Design In Wismar | Germany
- 1996 **Realization Competition**
Honorable Mention
Expo 2000 District Park Kronsberg

Prizes in Student Competition | Teaching

Clemson University

- 2018 **SARA NY (Society of American Registered Architects)**
Winning Project [1 out of 10]
Students: Andrew Collins, Solene Clavel, Katie Kowalski
- 2018 **ACSA / AIA (Association of Collegiate Schools of Architecture / American Institute of Architects)**
COTE 10 Competition 2017-18
Winning Project [1 out of 10]
Students: Madison Polk, Harrison Polk
- 2018 **AIA SC Design Awards 2018 (Society of American Registered Architects)**
Student Design Merit Award
Students: Andrew Collins, Solene Clavel, Katie Kowalski
- 2017 **ACSA / AIA (Association of Collegiate Schools of Architecture / American Institute of Architects)**
COTE 10 Competition 2016 -17
Winning Project [1 out of 10]
Students: Elisabeth Widaski, Jimmy Woods, Chris Sandkuhler
- 2016 **CASE III**
Grand Award for Clemson University Indigo Pine Project (Sub Unit Campaign)

Award of Excellence for Clemson University Indigo Pine Project (Branding/Identity Program or Campaign)

Special Merit for
Indigo Pine Project (Specialty Piece–Graphic Design)
Indigo Pine Project Illustration Cover (Graphic Design)
- 2015 **Department Of Energy**

Solar Decathlon 2015
INDIGO PINE: Solar Home

6TH Place OVERALL
2nd Place ARCHITECTURE
2nd Place COMMUNICATIONS
3rd Place MARKET APPEAL

Student Team and collaborating CORE faculty: Dustin Albright, Ulrike Heine, Vincent Blouin, Dave Pastre

- 2012 **ACSA (Association of Collegiate Schools of Architecture)**
The Sustainable Home Competition – A Habitat for Humanity Student Design Competition
Winning Project, South Region
Students: Nick Barrett, Sam Pruitt
- 2012 **ACSA (Association of Collegiate Schools of Architecture)**
International Sustainable Laboratory Student Design Competition
Winning Project
Students: Caitlin Ranson, Dianah Katzenberger
- 2012 **DOW Solar**
Design to Zero Competition
1st prize: Eric Laine, Suzanne Steelman [20,000\$]
2nd prize: Caitlin Ranson, Daniel Kim [10,000\$]
Honorable Mention: John Oxenfeld, Adam Wilson
Subcategory Design Integration: Mike Niezer, Adrian Mora
Subcategory Photovoltaic Integration: Jason Drews, James Graham
- 2011 **AIA (American Institute of Architects) Greenville Student Merit Award**
Clemson Memorial Chapel
Students: Nathan Asire | Po Tin
- 2010 **AIA (American Institute of Architects) Greenville Student Merit Award**
Air Force Village Chapel Design Competition
Students: Jonathan Edens | Kyle Keaffaber
- 2010 **AIA (American Institute of Architects)**
Air Force Village Chapel Design Competition
1st prize: Jonathan Edens, Kyle Keaffaber
2nd prize: Amy Leong, Natalie Shovlin

Technical University Berlin

- 2006 | 07 **Xella Student's Competition | East German Region**
Living By The Waterfront – A Holiday Village In Zehdenick
2nd prize: B. Hoffmann, L. Haeger
Honorable Mention: S. von Bülow, F. Münch, J. König
- 2006 **Schueco Student Competition**
Exhibition Pavilion For A Facade Competence Center
1st prize: Gerlach, Carlhoff
3rd prize: J. Bretschneider, J. Fischer, C. Eslon
Honorable Mention: C. Speelmanns, B. Hoffmann, L. Haeger
- 2006 **Grant Award of the German Steel Industry Association**
HAC – Hamburg Aviation Center
Honorable Mention: J. Leskien, S. Jorgensen, J. Staudt, S. Sass

TEACHING

Thesis Committee Member

- 2017 *Improving Energy Performance and Indoor Lighting through the Integration of Electrochromic Glazing in Commercial Buildings*
Maryam Hamidpour [Architecture, PhD]
- 2016 *A Data-Driven Framework For Measuring And Modeling Elegant Design In Engineering*
Tina Nikou [Civil Engineering, PhD]
- 2013 *Residential Building Code Education: Current Status And Best Practices*
Tripp Shealy [Civil Engineering, MS]
- 2012 *A New Therapeutic Design Model: Vocational And Residential Care Facilities For Persons*

- Diagnosed With Autism Spectrum Disorders*
Lisa Marchi [M Arch]
- 2012- 2014 *Elegant Problem Solving: An Application To Engineering Education*
Tina Nikou [Civil Engineering, PhD]
- 2010 *The Daylight Hospital*
Eva Behringer [M Arch]
- 2010 *Application of Multi-Attribute Utility Theory to Decision Analysis in Construction Projects*
Tina Nikou [MS, Civil Engineering]
- 2010 *Materials Management For A Net-Zero Energy Home*
Kelly Sprague [MS, Civil Engineering]
- 2007 *Hafencity University Hamburg*
F. von Elverfeldt, S. von Buelow [Dipl.Ing., Architecture]

Graduate Courses Taught

Graduate Studios in Clemson

- Spring 2018 **ARCH 892 Comprehensive Studio**
Living environments: graduate student housing for Clemson University
- Fall 2017 **ARCH 851 Studio II**
COTE 10 Competition – REFUGEES WELCOME: Reinventing the Architectural Possibilities of a Refugee Center in the Heart of Madrid
- Spring 2017 **ARCH 892 Comprehensive Studio**
A High School for Downtown Anderson
- Fall 2016 **ARCH 851 Studio III**
COTE 10 Competition – Downtown Greenville
- Spring 2016 **ARCH 892 Comprehensive Studio**
SCSU Student Center
- Spring 2015 **ARCH 892 Comprehensive Studio**
Mixed-Use Performing Arts Center
- Fall 2014 **ARCH 851 Studio III**
Housing Nicholtown: New Prototypes For The Neighborhood
- Spring 2014 **ARCH 892 Comprehensive Studio**
Competition LIVE-IN ENTREPRENEURIAL THINKTANK
- Spring 2013 **ARCH 892 Comprehensive Studio**
Graduate Housing At Clemson University | CLT Challenge
- Fall 2013 **ARCH 851**
A Craft Brewery Headquarters | Greenville, SC
- Spring 2012 **ARCH 892 Comprehensive Studio**
Sustainable Lab Competition
- Fall 2011 **ARCH 893 Comprehensive Studio**
Design To Zero Competition
- Fall 2010 **ARCH 893 Comprehensive Studio**
Extension Of GSP Passenger Terminal
- Spring 2010 **ARCH 894 Research Studio**
Jake DeMint | *Clemson Zero Energy House*
Amy Leong | *Sustainability + Livability in Existing Affordable Housing*
- Fall 2009 **ARCH 893 Comprehensive Studio**
*A Non-Confessional Memorial Chapel For Clemson University
& A Memorial Chapel For San Antonio, TX*
- Spring 2009 **ARCH 894 Research Studio**
E. Corr | *Living In Place: A Prototype Design*
S. Mickelson | *Sustainable Residential Development; A Community Development Proposal for Point West, Seneca, SC*
T. Weeks | *[Office in Life] [Life in Office]; A human centered, evidence based approach to office design*
- Fall 2008 **ARCH 893 Comprehensive Studio**

A Natatorium For Clemson University As An Addition To Fike Recreation Center

Spring 2008 **ARCH 892 Comprehensive Studio**
Clemson University Core Campus - Design Of A New Dining Facility

Undergraduate Studios in
Clemson

Spring 2010 **ARCH 452 Synthesis Studio**
Re-ligare Institute – Reconnecting Body And Mind

Spring 2009 **ARCH 452 Exit Studio**
A New Public Library For Barcelona, Spain

Fall 2007 **ARCH 251 Design Studio III**
Seneca / Belton Excursion Terminal

Studios in Berlin

Spring 2007 **Comprehensive Studio**
A Space For Musik - Rostock Concert Hall

Fall 2006 **Comprehensive Studio**
Viewing Tower Hamburg

Fall 2006 **XELLA Student Competition**
Living At The Waterfront - A Holiday Village In Zehdenick

Spring 2006 **Schueco Student Competition**
Exhibition Pavilion For A Facade Competence Center

Spring / Fall 2005 **Comprehensive Studio**
Airbus Aviation Center

Seminars

Spring 2017 **ARCH 890 Directed Studies**
Comfort Dwelling in America: Architectural Passive Strategies for Sustainable Housing

Spring 2014 **ARCH 874 Building Process** (co-taught with Carlos Barrios)

Fall 2011 **ARCH 874 Building Process** (co-taught with David Nocella)

Fall 2013 **ARCH 879** Selected Topics in Architectural Technology
Easley Zero Energy House

Spring 2012 **ARCH 879** Selected Topics in Architectural Technology
Clemson Zero Energy House

Fall 2011 **ARCH 874 Building Process** (co-taught with Prof. Vincent Blouin)

Fall 2010 **ARCH 874 Building Process** (co-taught with Prof. Vincent Blouin)

Spring 2010 **ARCH 873 Environmental Systems** (co-taught with Prof. Dan Harding)

Fall 2009 **ARCH 874 Building Process** (co-taught with Prof. Vincent Blouin)

Spring 2009 **ARCH 873 Environmental Systems** (co-taught with Prof. Dave Lee)

Fall 2008 **ARCH 874 Building Process** (co-taught with Prof. Vincent Blouin)

Spring 2008 **ARCH 874 Building Process** (co-taught with Prof. Vincent Blouin)

SERVICE

Professional Organizations

2007 - 2012 ACSA (Association Of Collegiate Schools Of Architecture)
Councilor, Clemson University

2016 - current State of South Carolina
Energy Independence and Sustainable Construction Committee | Member

Clemson University

2015 **AAH Global Initiatives Committee | Member**

2015 **Fluid Campus Task Force | Member**

2015 **Certificate in Creativity Committee | Member**

- 2013 **URGC - University Research Grant Committee** | Member
- 2011 | 13 **Graduate Fellowship And Awards Committee** | Member
- 2011 | 13 **Graduate Council** | Member
- 2010 - 2012 **Creative Inquiry Committee** | Member

School of Architecture

- 2016 | 2017 | 2018 **Search Committee, School Of Architecture**
Position: Mickel Endowed Chair
- since 2015 **Tenure and Promotion Committee, School Of Architecture** | Member
- 2015 **Search Committee, School Of Architecture**
Position: Undergraduate Director | Member
- 2015 **Search Committee, School Of Architecture**
Position: Professor in Practice in A+H | Member
- 2015 **Search Committee, School Of Architecture**
Position: Assistant Prof. | Member
- 2014 **Search Committee, School Of Architecture**
Position: Endowed Chair in A+H | Member
- 2014 **Faculty Search Committee, School Of Architecture**
Position: Technology | Chair
- 2014 **Faculty Search Committee, School Of Architecture**
Position: Visualization | Chair
- 2014 **Faculty Search Committee, School Of Architecture**
Position: Lecturer | Chair
- 2014 **Bylaws Committee, School Of Architecture** | Member
- 2012 | 2013 **Centennial Committee** | Exposition Concept And Organization
- 2012 **Chair Review Committee** | Member
- 2011 | 12 **Faculty Search Committee, School of Architecture**
Position: Technology | Member
- 2011 | 12 **Faculty Search Committee, School Of Architecture**
Position: History / Theory | Member
- 2011 | 12 **Faculty Search Committee, School Of Architecture**
Position: Lecturer | Member
- 2011 **Exposition For The NAAB Accreditation Visit, School Of Architecture**
Organization And Realization
- 2010 - 2012 **Chair Advisory Committee** | Member
- 2009 **Chair Search Committee** | Member
- 2009 - 2011 **Curriculum Committee** | Member
- 2008 **Exposition For The NAAB Accreditation Visit, School Of Architecture**
Organization And Realization
- 2008 - 2009 **Graduate Admissions, School Of Architecture** | Member
- 2007 | 08 **Faculty Search Committee, School Of Architecture**
Position: History And Theory | Member
- 2007 | 08 **Faculty Search Committee, School Of Architecture**
Position: Environmental Systems | Member
- 2007 | 08 **Faculty Search Committee, School Of Architecture**
Position: Structure | Member
- 2007 - 2013 **Technology Group** | Member

Juries

- 2010 **St. Petersburg Award** | Chair
- 2008 **St. Petersburg Award**
- 2005 **Daimler Chrysler Architecture Award**, Technical University Berlin
Design, Organization And Implementation Of The Preliminary Examination In The Student Competition

Community

- 2008 - 2011 **Renovation of a Historic House** (Vine Hill, 1828) **in the Pendleton Historic District**. The home is listed in the Historic American Buildings Survey as the Janie Hard House. The House was in an extremely bad shape and is supposed to be saved from a final collapse.
- 2001 - present **Home care** of a paralyzed handicapped person
- 1985 - 1990 **Cultural summer bicycle tours** for teenagers, (2 weeks every summer)
Organization and guidance
- 1984 - 1989 **Humanitarian East-West Aid**
Dispatch Care Packages with food and (recycled) medicines to indigent people in the former German Democratic Republic (GDR) and Poland.