

# Jessica E. Fernandez,

PLA, ASLA, LEED® AP ND

## CURRICULUM VITAE

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**CONTACT:** Jessica Fernandez, Ph.D. Candidate, PLA, ASLA, LEED® AP ND

Clemson University  
Landscape Architecture Program  
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Clemson, South Carolina 29634-0512  
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**EDUCATION:** Doctor of Philosophy in Planning, Design & the Built Environment, Anticipated Completion May 2018  
Clemson University

**Master of Landscape Architecture, 2007**

Auburn University, Summa cum Laude

**Bachelor of Science in Environmental Design, Business Minor, Spanish Minor, 2005**

Auburn University, Magna cum Laude

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**CREDENTIALS:** State of South Carolina Landscape Architect Registration #1347, 2016- Present

State of Iowa Landscape Architect Registration #586, 2011-16

LEED® Accredited Professional for Neighborhood Development (LEED® AP ND), 2011- Present

ITGA Town and Gown Relations Level I Certification, 2016

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**ACADEMIC &  
PROFESSIONAL  
EXPERIENCE:**

**Clemson University, 2015 - Present**

Lecturer, Landscape Architecture Program  
Clemson, South Carolina

**RFD+C, 2015 - Present**

Co-Owner, 3D Visualization and Design Firm  
Pendleton, South Carolina

**RDG Planning & Design, 2010 - 2014**

Landscape Architect Project Manager and Campus Planner, Stockholder  
Des Moines, Iowa

**Ed Castro Landscape, 2009 - 2010**

Landscape Architectural Designer  
Roswell, Georgia

**Niles Bolton Associates, 2007 - 2009**

Landscape Architectural Designer and Master Planner  
Atlanta, Georgia

**Auburn University, 2006 - 2007**

Executive Assistant to the Program Chair and Graduate Teaching Assistant  
Auburn University College of Architecture, Design & Construction  
Auburn, Alabama

**MACTEC Corporation, 2006**

Landscape Architectural Internship  
Kennesaw, Georgia

**Mirant Corporation, 2001**

International Business Internship  
Atlanta, Georgia

**PEER-REVIEWED  
PAPER  
PRESENTATIONS,  
SCHOLARSHIPS  
& GRANTS:**

**The Other: Social Construction through the Campus Edge**

Fernandez, Jessica

Environmental Design Research Association (EDRA), *Individual Presentation*; Madison, WI: May 2017

**A Case Study of Campus, Community and the Edge Between**

Fernandez, Jessica & Matthew Powers

EDRA, *EDRA Short*; Madison, WI: May 2017

**Two Case Studies on Implementing the Parametric Design Method in Landscape Architecture**

Song, Yang & Jessica Fernandez

EDRA, *EDRA Short*, Madison, WI: May 2017

**Evaluating Landscape Character through Parametrical Indicators: A Case Study of the Campus-Community Edge**

Fernandez, Jessica & Yang Song

International Making Cities Livable Conference (IMCL), *Poster Presentation & Conference Proceedings with potential online publication*, Santa Fe, NM: October 2017

**A Glimpse of Big Data: How Social Media can Inform Urban Design**

Song, Yang & Jessica Fernandez

IMCL, *Poster Presentation & Conference Proceedings with potential online publication*, Santa Fe, NM: October 2017

**The Pedestrian-Oriented Campus: A Study of the Effectiveness of Design Transformations on Safety and Aesthetics**

Fernandez, Jessica

Environmental Design Research Association (EDRA), *Individual Presentation*; Raleigh, SC: May 2016

**Professional Enrichment Grant**

Clemson University, \$750, 2016

**Don Logan-Southern Progress Endowed Scholarship**

Auburn University, \$700, 2005

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**TEACHING  
EXPERIENCE**

**LARC 4280/4281 Computer-Aided Design, Teacher of Record, Fall 2015**

Sketchup, AutoCAD, and Adobe Suite course, 8 graduate students

**LARC 4280/4281 Computer-Aided Design, Teacher of Record, Spring 2016**

Sketchup, AutoCAD, and Adobe Suite course, 25 undergraduate students

**LARC 8230/8231 Advanced Community Design Studio, Teacher of Record, Fall 2016**

Study of physical and cultural community connections in American college towns, 6 graduate students

**LARC 4620/8400 Design Implementation, Teacher of Record, Fall 2017**

Course focusing on the technical aspects of construction documentation and design implementation, 22 undergraduate students

**LARC 2510 Landscape Design Fundamentals, Teacher of Record, Fall 2017**

Study of design application in landscape architecture, 22 undergraduate students

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**INVITED  
LECTURES &  
PRESENTATIONS**

**Man and Nature: A Re-Habitation of Raw America**

Clemson University, Department of Landscape Architecture

Graduate Studies Seminar Lecture, November 2016

**Clemson Junction: A Re-Imagining of the Highway 76/93 Interchange**

City of Clemson and Clemson University, Joint City University Advisory Board

Presentation of Academic Student Work, February 2017

**Landscape Architecture and Community Planning**

Clemson University, Department of Parks, Recreation and Tourism Management

Community Tourism Development Undergraduate Course, 2 sessions, March 2017

**Advanced Photoshop Techniques: Use of Masks, Fill, and Adjustment Layers**

Clemson University, Department of Landscape Architecture

Computer-Aided Design Undergraduate Course, March 2017

**AutoCAD Drawing and Documentation Techniques**

Clemson University, Department of Landscape Architecture

Introductory Design Studio, April 2017

**RESEARCH  
INTERESTS**

Campus planning and urban design as they relate to human experience and perceptions  
Town-gown relations in American college towns  
Studentification and its effects on community and place  
Big data as a tool for place-making improvement  
Human perceptions on the sustainable built environment  
Technology for improvement of landscape architectural site assessment & construction management

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**STUDIES  
ABROAD**

Salamanca, Spain- Spanish Language Study Abroad, Auburn University, 2002  
Algonquin Provincial Park, Canada- Studies of the Canadian Shield, Auburn University, 2005  
Lisbon, Portugal- Studies in Urban Planning, Auburn University, 2006  
Rome, Italy- Studies in Urban Planning, Auburn University, 2007

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**HONORS**

Charitable Gift Donor, Auburn University Jack Williams Endowed Fund for Excellence, 2017  
Greater Des Moines Leadership Institute (GDMLI), 2013  
Phi Kappa Phi Honorary Society  
National Society of Collegiate Scholars  
Sigma Lambda Alpha, Landscape Architecture Honorary Society  
Golden Key Honorary Society  
Tau Sigma Delta, Architecture Honorary Society  
Tau Sigma Delta Book Award Recipient, 2007  
Auburn University Dean's List  
Who's Who Among Students in American Universities and Colleges, 2007  
Auburn University Faculty Commendation, 2004  
Alpha Chi Omega Most Spirited Award, 2004  
Impact Humane Society Volunteer Award, 2004

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**PROFESSIONAL  
AWARDS &  
FEATURINGS**

**Simpson College Pedestrian Plaza**

Landscape Architect and Specifier News, May 2016  
RDG Planning & Design, featured project

**Award of Merit, Rotary Riverwalk Park**

Iowa Chapter, American Society of Landscape Architects (ASLA); RDG Planning & Design, 2015

**Award of Merit, Papillion Downtown Plaza**

Greater Plains Chapter, ASLA; RDG Planning & Design, 2013

**Belle Plaine Downtown Revitalization Streetscape & Facade Master Plan as  
Signature Project of the Year**

Main Street Iowa; RDG Planning & Design, 2013

**City of Belle Plaine Named All Star Community** (*following Downtown Revitalization project*)  
Iowa League of Cities; RDG Planning & Design, 2013

**Award of Excellence in Construction for Belle Plaine Downtown Revitalization**

*Awarded to Garling Construction; American Builders & Iowa Contractors of Iowa; RDG Planning & Design, 2013*

**City of Belle Plaine & Belle Plaine Community Development Corporation, Preservation at its Best**

Preservation Iowa; RDG Planning & Design, 2012

**City of Belle Plaine Streetscape Project Excellence in Concrete Award**

Iowa Ready Mixed Concrete Association; RDG Planning & Design, 2012

**Environmental Improvement Grand Award, White Residence**

Professional Landcare Network (PLANET); Ed Castro Landscape, 2010

**Environmental Improvement Grand Award, Abrahamson Residence**

PLANET; Ed Castro Landscape, 2010

**Environmental Improvement Grand Award, Pace Residence**

PLANET; Ed Castro Landscape, 2010

**Professional Landscape Grand Award for Design/Build Install, Abrahamson Residence**

Metro Atlanta Landscape & Turf Association (MALTA); Ed Castro Landscape, 2010

**Professional Landscape Judge's Choice Award for Design/Build/Install, Abrahamson Residence**  
MALTA; Ed Castro Landscape, 2010

**Professional Landscape Award of Merit for Design/Build/Install, White Residence**  
MALTA; Ed Castro Landscape, 2010

**Environmental Improvement Distinction Award, EcoManor**  
PLANET; Ed Castro Landscape, 2009

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**SERVICE  
ACTIVITIES**

**SERVICE TO THE PROFESSION**

Member, South Carolina Chapter ASLA, 2015- Present  
Member, Association for the Study of Higher Education (ASHE), 2015- Present  
Member, The Environmental Design Research Association (EDRA), 2015- Present  
Member, Society for College and University Planning (SCUP), 2012- Present  
Member, International Town & Gown Association (ITGA), 2015- Present  
Member, Iowa Chapter ASLA, 2010-2014  
Public Relations Chair, Iowa Chapter ASLA, 2012-14  
Conference Committee Advisor, Iowa Chapter ASLA, 2011-12  
Member, Center on Sustainable Communities (COSC), 2010-14  
Core Committee Advisor, RDG Design Residency, 2012-14  
Member, Congress for New Urbanism (CNU), 2012-14  
Member, United States Green Building Council (USGBC), 2005- Present  
Member, Iowa Women in Architecture (IaWIA), 2012-14  
Healthy People Healthy Places Advisory Committee, Des Moines, Iowa, 2012-14  
Member, Georgia Chapter ASLA, 2007-2010  
Student Member, Alabama Chapter ASLA, 2005-2007  
Student Vice President, Alabama Chapter ASLA, 2006

**SERVICE TO THE COMMUNITY**

Clemson College Town Assessment Steering Committee Member, 2016-2017  
Ankeny Park Board Member, Mayor Appointed, Ankeny, Iowa, 2014  
Alumni Activity Chair, GDMLI, 2013-14  
Member, Chamber of Commerce, Des Moines, Iowa, 2012-2014  
Atlanta Beltline Volunteer, 2009-2010  
Organizer, Georgia Organics & Atlanta Community Food Bank Tree Sale, 2009  
Volunteer, Atlanta Parks Cleanup, 2009  
Volunteer, Auburn IMPACT, 2001-2007  
Volunteer, English as a Second Language Student Tutor, Drake Middle School, 2006-2007  
Volunteer, Children's Ward at East Alabama Medical Center, 2005-2007  
Volunteer, Auburn Community Market, 2005  
Vice President, Auburn University Chapter Golden Key Honorary Society, 2003-2004  
Member, Association of Visual Artists, 2003-2005  
Alpha Chi Omega Sorority  
Spirit Chair, Epsilon Zeta Chapter Alpha Chi Omega, 2004

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**REFERENCES**

Charlene LeBlev, Interim Head of the School of Architecture, Planning & Landscape Architecture; Associate Professor Auburn University 305 Dudley Hall Auburn, AL 36849 334.844.0192	Patrick (Pat) Dunn Principal RDG Planning & Design pdunn@rdgusa.com 301 Grand Avenue Des Moines, IA 50309 515.288.3141	Jonathan Martin, Focus Group Leader & Supervisor RDG Planning & Design jmartin@rdgusa.com 301 Grand Avenue Des Moines, IA 50309 515.288.3141
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**MASTER PLANNING:**

St. Cloud State University, Master Plan\*\* — St. Cloud, Minnesota  
Missouri Southern State University, Master Facility Plan — Joplin, Missouri  
Missouri Southern State University, Landscape Master Plan\*\* — Joplin, Missouri  
Rochester Campus Master Plan Update — Rochester, Minnesota  
Central College Athletic Village Master Plan — Pella, Iowa  
Western Technical College, Sustainable Performance Planning\*\* — La Crosse, Wisconsin  
Chichaqua Bottoms Greenbelt Master Plan\*\* — Polk, Iowa  
French Icarian Village — Corning, Iowa

**COLLEGIATE:**

Louisiana State University Tiger Stadium Plaza Improvements\*\* — Baton Rouge, Louisiana  
Simpson College 'C' Street Pedestrian Mall — Indianola, Iowa  
University of North Carolina at Greensboro, Student Recreation Center Plaza — Greensboro, North Carolina  
Iowa State University Recreation Center, Site Sustainability Assessment\*\* — Ames, Iowa  
Missouri Southern State University, Billingsly Entrance Plaza — Joplin, Missouri  
Missouri Southern State University, Campus Gateway Signage Plan — Joplin, Missouri  
Western Technical College, Black River Falls Campus\*\* — Black River Falls, Wisconsin  
Grinnell College Outdoor Commencement Venue — Grinnell, Iowa  
University of Nebraska Lincoln Outdoor Recreation Center — Lincoln, Nebraska  
Central College Campus Entry Improvements — Pella, Iowa

**URBAN DESIGN:**

Belle Plaine Downtown Streetscape Improvements\*\* — Belle Plaine, Iowa  
West Des Moines Historic City Hall Site Improvements\*\* — West Des Moines, Iowa  
Iowa River Landing Urban Planning & Sustainability Assessment\*\* — Coralville, Iowa  
Town Brookhaven Mixed Use Landscape Planting Plan & Installation — Atlanta, Georgia

**K-12 SCHOOL PROJECTS AND PLAYSAPES:**

Ft. Dodge Middle School — Fort Dodge, Iowa  
Collins-Maxwell Elementary School Pre-School Playscape — Collins-Maxwell, Iowa  
Miller Elementary School — Ames, Iowa  
Meeker Elementary School — Ames, Iowa  
Amanda the Panda Children's Support Center — In-kind Services, Des Moines, Iowa

**HIGHER EDUCATION STUDENT HOUSING:**

Georgia Gwinnett College Student Housing — Gwinnett County, Georgia  
Life University Student Housing — Marietta, Georgia  
Independence Place at Fort Lee Student Housing — Prince George County, Virginia  
Independence Place Student Housing — Clarksville, Tennessee  
Morgan Place Apartments — Morgantown, West Virginia

**PARK & RECREATION:**

Des Moines Rotary Riverwalk Park — Des Moines, Iowa  
Chastain Park Hilltop Meadow — Atlanta, Georgia  
Emma Millican Park Trail System Update — Atlanta, Georgia  
Iowa Parks Foundation Parks Assessment Report

**MILITARY:**

Independence Place Military Housing — Columbus, Georgia  
Rockdell Place Military Housing — Fairborn, Ohio  
Fort Bliss 'Field of Honor' Memorial\*\* — El Paso, Texas

**RESIDENTIAL DESIGN-BUILD:**

Eco Manor Landscape\*\* — Atlanta, Georgia  
Schlich Residence — Atlanta, Georgia  
Sherman Residence — Sandy Springs, Georgia  
Sherman Residence — Atlanta, Georgia  
McCormick Residence — Howell, New Jersey  
Elridge Residence — Atlanta, Georgia  
Pace Residence\*\* — Atlanta, Georgia  
Thomas Residence — Atlanta, Georgia  
Pearson Residence — Atlanta, Georgia  
Harvey Residence — Atlanta, Georgia  
White Residence — Atlanta, Georgia  
Abrahamson Residence — Atlanta, Georgia