#### **CATHERINE DE ALMEIDA**

University of Nebraska-Lincoln College of Architecture 236 Architecture Hall Lincoln, NE 68588 e: cdealmeida2@unl.edu

t: 402.472.4900

w: http://landscapelifecycles.com/

#### **CURRICULUM VITAE**

#### **EDUCATION**

2011 Harvard University Cambridge, MA

Graduate School of Design

Master of Landscape Architecture

+ Harvard University Design School Grant (2009-2011)

+ Penny White Fellowship Recipient (2010)

Thesis: Energy Afterlife: Choreographing the Geothermal

Gradient of Reykjanes, Iceland (in Special Collections,

Loeb Library)

Advisor: Jane Hutton

2008 Pratt Institute Brooklyn, NY

Rome, Italy

School of Architecture Bachelor of Architecture

+ Pratt Institute Presidential Merit Scholarship (2003-2008)

+ Dean's List; President's List

2007 + Honors Rome Program
Thesis: (in)habitable wall

Advisors: Mark Rakatansky and Enrique Walker

ACADEMIC APPOINTMENTS | TEACHING EXPERIENCE

2016- University of Nebraska-Lincoln Lincoln, NE

College of Architecture

Landscape Architecture Program

Assistant Professor in Landscape Architecture

2014-15 Cornell University Ithaca, NY

College of Agriculture and Life Sciences Department of Landscape Architecture

Lecturer in Landscape Architecture

2012-13 Rensselaer Polytechnic Institute Troy, NY

**School of Architecture** 

Course Assistance: Indigenous Landscape Systems Seminar

Professor: Julia Watson

2005-08 Pratt Institute Brooklyn, NY

School of Architecture

Tutor for Structures Courses in Architecture (Steel and Concrete)

Professors: Harriet Markis, Kathy Dunne, Dr. Esmet Kamil, Joel

Weinstein

2000-03 Art & Design Studio of Rockland

Nanuet, NY

Assistant Instructor; youth art classes

Founder and Director: Charlene Margiotta

CONFERENCES | LECTURES

\* invited \*\* peer reviewed

2016 "[Un]Desirable Waste: Reclaiming Vulnerable Deindustrializing Territories with a Landscape Lifecycle Approach"

Los Angeles, CA

in Preemptive Territorial Design, Landscape Architecture as Necessity Conference, University of Southern California, School of Architecture, Discipline of Landscape Architecture, September 22-24 (forthcoming) \*\*

"Landscape Lifecycles: An Interdisciplinary Approach to Waste in Design Research"

Lincoln, NE

University of Nebraska-Lincoln, College of Architecture, Landscape Architecture Program, February 26 \*

"Landscape Lifecycles: An Interdisciplinary Approach to Waste in Design Research"

Champaign, IL

University of Illinois, Urbana-Champaign, College of Fine + Applied Arts, Department of Landscape Architecture, February 11 \*

2015 "From Art to Architecture to Landscape: Navigating the Design World"

Syracuse, NY

State University of New York, College of Environmental Science and Forestry, Department of Landscape Architecture, LSA 220: Introduction to Landscape Architecture, November 18 \*

"Chain Works District: Designing an Awakening Giant"

Syracuse, NY

State University of New York, College of Environmental Science and Forestry, Department of Landscape Architecture, LSA 422: Landscape Architecture Design Studio III, August 31 \*

"Desirable Waste: Reconceptualizing the Diversion of Dredge from its Landscape Graveyards"

Minneapolis, MN

in Landscapes of Dredge, DredgeFest Great Lakes Symposium, University of Minnesota, College of Design, School of Architecture, August 15 \*\*

"Awakening the Giant: The Chain Works District"

Ithaca, NY

in *Trajectories Symposium*, Cornell University, College of Agriculture and Life Sciences, Department of Landscape Architecture, May 11 \*

2013 "HyperEcology: Aesthetic Hyperbole in Landscape Representation"

Ithaca, NY

in Representation Matters, Cornell University, College of Agriculture and Life Sciences, Department of Landscape Architecture, November 13 \*

2012-13 "Mapping Ecological Systems, Biocultural Systems, and Indigenous Knowledge" and "Mapping with QGIS"

Rensselaer Polytechnic Institute, School of Architecture, ARCH 4963: Indigenous Landscape Systems \*

2011 "Landscapes of Embedded Energy: The Lifecycle and Use of Geothermal Energy in Iceland"

Cambridge, MA

Troy, NY

in *Landscape Lunchbox Lecture*, Harvard University, Graduate School of Design, February 23 \*

2010 "Materials in Design and at the GSD"

Cambridge, MA

for Career Discovery, Harvard University, Graduate School of Design, June 9 \*

#### **PUBLICATIONS**

\* invited \*\* peer reviewed

- "[Un]Desirable Waste: Reclaiming Vulnerable Deindustrializing Territories with a Landscape Lifecycle Approach" in Preemptive Territorial Design, Landscape Architecture as Necessity Conference Proceedings (forthcoming). \*\*
- 2015 "Thermal Worlds: Redefining Interiority with Temperature in the Geothermal Landscape," in International Journal of Interior Architecture and Spatial Design: Parallel Territories, v. 6, (Winter): (paper submitted, potentially forthcoming). \*\*
- "Material Remnants: Design Archaeology on Ithaca Falls and the Ithaca Gun Brownfield Site," in Landscape Architecture Frontiers: Heritage, Conservation, and Archaeology, Vol. 2 Issue 6 (March 2015): 76-83. \*\*
  - "The Transformations of Giulio Romano: Palazzo Stati Maccarani," author Mark Rakatansky, Ugo Bazzotti, ed., *Giulio Romano e l'arte del Cinquecento* (Modena: Franco Cosimo Panini Editore): 57-81, and Figures 25-36; illustrations.
- 2013 **"Energy Afterlife: Choreographing the Geothermal Gradient of Reykjanes, Iceland,"** in Landscape Architecture Frontiers: Crossing Boundaries, Vol. 1 Issue 1 (February 2013): 137-143. \*
- Guide to Bali's UNESCO World Heritage, Tri Hita Karana: Cultural Landscape of Subaks and Water Temples, co-authors J. Steven Lansing and Julia Nicole Watson, (Jakarta: Ministry of Education and Culture, Republic of Indonesia); illustrations.
  - "Cultural Landscape of Bali Province," in World Heritage of Indonesia: Sites and Living Culture with Foreword by H.E. Dr. H. Susilo Bambang Yudhoyono, President of the Republic of Indonesia, co-authors J. Steven Lansing and Julia Nicole Watson, (Jakarta: Ministry of Education and Culture, Republic of Indonesia): 72-85; illustrations.
  - **"Energy Afterlife to Energy [Re]Production"** project featured, in *Imagine Our Algae Future:* Visionary Algae Architecture and Landscape Design, co-authors Robert Henrikson and Dr. Mark Edwards, (Richmond: Ronore Enterprises): 107-114.
- Design work featured in Pratt Institute School of Architecture's Archives and *Inprocess Journals* 12, 13, 14

# **EXHIBITIONS** \* invited

2012-13	<b>Design Biennial Boston</b> Pinkcomma gallery, Boston Society of Architects, Project and Survey Information for Ground Inc., October 2012-June 2013 *	Boston, MA
2012	Celebrating the Future of Balinese Subaks and their UNESCO Designation U.S. Ambassador to ASEAN's Residence, Il Dipenogero No. 8, Menteng, December 13	Bali, Indonesia
	MudWorks Design-Build Project Participant, Harvard University, Graduate School of Design, March-May	Cambridge, MA
	Materials Collection + Visual Resources: (Re)Fabricating Tectonic	Cambridge, MA
	<b>Prototypes</b> Co-Curator, Harvard University, Graduate School of Design, May 18	
2011	Materials Collection + Visual Resources: Launch Exhibition Co-Curator, Harvard University, Graduate School of Design, October 19-31	Cambridge, MA
	Class of 2011 Commencement Exhibition Participant, Harvard University, Graduate School of Design, May 24-31*	Cambridge, MA
	MAPS Exhibition Participant, Harvard University, Graduate School of Design, February 4-10 *	Cambridge, MA
2008	Class of 2008 Commencement Exhibition Selected Participant, Pratt Institute, School of Architecture, May-July *	Brooklyn, NY
	Undergraduate Honors Thesis Exhibition Selected Participant, Robert Seigal Gallery, Pratt Institute, School of Architecture, May *	Brooklyn, NY
2007	Rome Re-Mix Selected Participant, Robert Seigal Gallery, Pratt Institute, School of Architecture, November *	Brooklyn, NY
2006	Third Year Housing Studios Selected Participant, Robert Seigal Gallery, Pratt Institute, School of Architecture, March *	Brooklyn, NY
1999-2003	Art & Design Studio of Rockland Exhibitions Art Work Selected for Participation *	Nanuet, NY

GRANT	S   AWARDS   COMPETITIONS	* invited	** peer reviewed		
2015	<b>Eco-Cities, Hunter R. Rawlings III Corn</b> Faculty Nomination and Advisor/Ment		Research Scholar (RCPRS)	), Ivy Wong	
2014	Seattle's Deindustrializing and Redeveloping Waterfront, Hunter R. Rawlings III Control Presidential Research Scholar (RCPRS), Garrett Craig-Lucas Faculty Nomination and Advisor/Mentor			Cornell	
	<b>Skibgræs,</b> Land Art Generator Initiative Randall + West and Camaron Cohen	e Competition,	2014, Copenhagen, Denn	nark, with	
2013	<b>Suspended Horizons,</b> Lausanne Jardin Selected to progress to the second ro	ns Competition, 2013, Switzerland, with VA-N bund of competition			
2012	Summer Salt, 13th International Festival, Jardins de Metis, Quebec, with Xiaoxuan Lu				
2011	Energy Afterlife to Energy [Re]Production, 2011 International Algae Competition, Imagine Our Algae Future				
2010	Landscapes of Embedded Energy: The Lifecycle of Geothermal Energy in Iceland, Penny White Travel Fellowship Recipient, Harvard University, Graduate School of Design **				
2009-11	Harvard University Design School Grant *				
2003-08	Pratt Institute Presidential Merit Scholarship *				
2008	BARCH Thesis selected for Pratt Institu	CH Thesis selected for Pratt Institute School of Architecture Honors Review *			
2002	International Poet of Merit Silver Awar	d Bowl; Comm	emorative Award Medallio	n **	
INVITED	O CRITIC				
2016	Cornell University, College of Agricu Department of Landscape Architect + LA7020 (G 3rd year Design Studio),	ure	Sciences	lthaca, NY	
2015	State University of New York, College of Department of Landscape Architecter + LSA 422 (UG Senior), Isabel Fernance	ure	al Science and Forestry	Syracuse, NY	
	Cornell University, College of Agricu Department of Landscape Architectu + LA2010 (UG Sophomore Design Student + Graduate Design Thesis Reviews (Sp + LA6020 (G 2nd year Design Studio), + LA7020 (G 3rd year Design Studio), + LA3020 (UG Juniors Design Studio), + LA5020 (G 1st year Design Studio),	ure udio), Marc Mille oring) , Josh Cerra Marc Miller , Katie Jenkins		Ithaca, NY	
	Cornell University, College of Archit Department of Architecture + ARCH4020 (UG 4th year Design Stu		-	Ithaca, NY	

2014	Cornell University, College of Agriculture and Life Sciences  Department of Landscape Architecture  + Graduate Design Thesis Reviews (Fall)  + LA2010 (UG Sophomore Design Studio), Marc Miller  + LA7010 (G 3rd year Design Studio), Brian Davis  + LA4010 (UG Senior Design Studio), Josh Cerra  + LA7020 (G 3rd year Design Studio), Marc Miller  + LA5020 (G 1st year Design Studio), Thomas Oles  + LA6020 (G 2nd year Design Studio), Josh Cerra  + LA3020 (UG Junior Design Studio), Brian Davis  + LA1020 (UG Freshmen Design Studio), Dan Krall	Ithaca, NY
	State University of New York, College of Environmental Science and Forestry Department of Landscape Architecture + LSA 422 (UG Senior), Isabel Fernandez	Syracuse, NY
2013	Cornell University, College of Agriculture and Life Sciences Department of Landscape Architecture + LA6010 (G 2nd year Design Studio), Marc Miller + LA1010 (UG Freshmen Design Studio), Kathryn Gleason + LA2010 (UG Sophomore Design Studio), Dan Krall	Ithaca, NY
	Rensselaer Polytechnic Institute School of Architecture + ARCH 4963: Indigenous Landscape Systems Seminar, Julia Watson + Undergraduate Thesis Reviews, Julia Watson	Troy, NY
	Boston Architectural College Landscape Architecture + 2nd year Graduate Design Studio, Aidan Acker	Boston, MA
2012	Boston Architectural College Landscape Architecture + UG Senior Design Studio, Aidan Acker	Boston, MA
	Harvard University Graduate School of Design + Career Discovery (Landscape), Aisling O Carroll	Cambridge, MA
	Rensselaer Polytechnic Institute School of Architecture + ARCH 4963: Indigenous Landscape Systems Seminar, Julia Watson + UG 4th year Design Studio, Julia Watson	Troy, NY
2011	Harvard University Graduate School of Design + Career Discovery (Landscape), Kimberly Garza	Cambridge, MA
2010	Harvard University Graduate School of Design + Career Discovery (Landscape), Dorothy Tang	Cambridge, MA
2008-09	Pratt Institute School of Architecture + UG Design Thesis, Marc Rakatansky and Aaron White + UG 3rd year Design Studio, Zehra Kuz	Brooklyn, NY

#### PROFESSIONAL PRACTICE

## 2013-16 Whitham Planning & Design

# Associate; Scott Whitham, Principal

- + Project management and coordination; municipal review process; municipal application and coordination process; site plan and design documentation; SEQR / CEQR environmental review coordination; rezoning parcels for mixed-use as PDZ or PUD; presentation coordination; preparation of RFPs; contracts; office management and invoicing
- + Projects include:

#### Chain Works District (former Morse Chain / Emerson Facility; Brownfield)

- SEQR / CEQR environmental review coordination
- DGEIS coordination and production (public document available at https://chainworksdistrict.com/geis/)
- PUD / PDZ rezoning language, coordination, and production
- Design consultation

#### Maplewood Redevelopment Project (Cornell Graduate Student Housing)

- Municipal Site Plan Review meetings, documentation, production and coordination
- SEQR / CEQR environmental review coordination
- DGEIS coordination and production
- Site and Landscape Plan design development and documentation
- PUD / PDZ rezoning language, coordination, and production
- Project coordination
- Design consultation

#### State Street Triangle Project

- Municipal Site Plan Review meetings, documentation, production and coordination
- Site and Landscape Plan design development and documentation
- CIITAP / IDA Tax Abatement application process and coordination
- Project coordination
- Design consultation

#### 416-418 East State Street Project

- Municipal Site Plan Review meeting presentation, documentation, production and coordination
- Municipal Zoning and Landmarks Preservation meeting presentations, documentation production and coordination
- Site and Landscape Plan design development and documentation
- Project coordination
- Design consultation

#### canopy Hotel (under construction)

- Municipal Site Plan Review meeting, documentation, production and coordination
- Site and Landscape Plan design development and documentation
- CIITAP / IDA Tax Abatement application process and coordination
- Project coordination
- Design consultation

#### Collegetown Crossing (under construction)

- Municipal Site Plan Review meeting, documentation, production, and coordination
- Site and Landscape Plan design development and documentation / Pocket Park design development
- Design consultation

#### Argos Inn

- Site and Landscape Plan
- Nursery Plant tagging; Landscape maintenance; Planting

Ithaca, NY

# 2012- VA-N [Visual Analytics-Neverlands]

NY, CA, OR, MA

## Co-founder; Plant, Garden, Construction Methods, and Materials Expert

in collaboration with Xiaoxuan Lu, Emily Schlickman, and Sara Jacobs

- + Projects include: "Suspended Horizons"
- + website: www.va-n.com

#### 2012-13 **Ground, Inc.**

Somerville, MA

#### Junior Landscape Architect; Shauna Gilles-Smith, Principal

- + Site visits and documentation; digital and physical modeling; renderings; construction detailing and production; schematic design construction documentation; LEED calculations; planting plans and schedules; nursery visits and plant tagging; preparation of RFPs, website maintenance, project outreach, documentation, and coordination; presentation production; office administration and assistance
- + Projects include:

University of Massachusetts, Lowell – University Crossing (constructed)

Massachusetts College of Art and Design – Residence Hall (constructed)

Smith College – Renovation of Ziskind and Cutter Houses

Worcester Polytechnic Institute – Residence Hall (constructed)

Waterside Place Apartments – Seaport District Boston, MA (constructed)

# 2008 CMLA Architects and Planners

Provence, France

Junior Architect; Charles Legler, Principal

#### Master Plans in France, Croatia, Brazil, Turkey

- Designs for individual homes within master plans (interiors and exteriors)
- Details of landscaping showing public vs private space

#### 2006-08 CRS Designs (Charles R. Schwartzapfel RA)

Manhattan, NY

#### Junior Architect; Charles R. Schwartzapfel, Principal

- + Schematic and preliminary designs, revision of drawings, construction drawings, on-site measurements, office work, shipment, file organization
- + Projects included:

### Lobby interiors for Bettina apartments

 3-d modeling, construction drawings, material research, field measuring

#### Promenade apartment building interior renovations

 3-d modeling, construction drawings, material research, field measuring

#### Rosenthal House on Long Island

 Schematic and preliminary designs, kitchen and bathroom design, material and appliance research, construction drawings, 3-d modeling

#### 2005-06 P.A. Marchetta Architect/Planner

Lyndhurst, NY

#### Architectural Intern; Patrick Marchetta, Principal

+ Schematic and preliminary designs, revision of drawings, construction drawings, on-site measurements, blue-print making, office work, shipment, file organization

#### **RESEARCH POSITIONS**

# 2013 Harvard University, Graduate School of Design

#### Research Assistant; Edward Walker, Loeb Fellow

+ Research project documenting "Placemaking" projects and organizations around the U.S. that revive communities and public space

# Manhattan, NY

Cambridge, MA

#### 2012-13 **REDE Studio for Research and Design**

#### Research Assistant; Julia Watson, Founder and Director

- + Research, Synthesis, and Mapping of Indigenous Biocultural Knowledge
- + Graphic Layouts and Taxonomy development for publications

#### Research focus: Subak systems in Bali, Indonesia

- Four major sites in Bali were designated as UNESCO World Heritage Sites in June 2012; REDE Studio participated in the design development of these sites
- Map illustrations produced for the following prepared for the Ministry of Education and Culture, Republic of Indonesia, Dewan Pengelola, Warisan Budaya Dunia Bali
  - "Design Proposal for Cultural Landscape of Bali" UNESCO World Heritage, August 2012
  - · "Subak Guidebook"
  - Chapter in "World Heritage Landscapes of Indonesia" titled Cultural Landscape of Bali Province: the Subak System as a Manifestation of the Tri Hita Karana Philosophy (2012)

# 2012 Harvard University, Graduate School of Design

Center for Technology and Environment

Research Associate; Niall Kirkwood, Director

+ Research project involving the remediation, reclamation, and redevelopment of former mines and dumping sites

#### ChinaCoal company in Shuozhou, China

- Site visit photography and GPS tagging of photos for Google Earth files
- Site Visit Report design layout and photo content

### 2009-2012 Harvard University, Graduate School of Design

Loeb Library, Materials Collection

Presidential Instructional Technology Fellowship (PITF - 2010; 2012)

Research Assistant + Materials Specialist;

#### Jane Hutton, Director / Faculty Liaison

- + Researching, cataloging, and archiving innovative materials
- + Material lifecycle, environmental impact, and performance analysis and mapping
- + Manufacturer, faculty, and student outreach and coordination
- + Database and taxonomy research and development, collection renovation and updating (physical and digital)
- + Exhibition, research, and coordination; documentation of exhibitions;
- + Tours and presentations
- + Training and tutorials for student researchers
- + Assistance with plans, designs, display experiments, and cataloging for merging with Visual Resources in Loeb Library
- + Participation in frequent meetings and discussions with RISD for future collaborative database

Cambridge, MA

Cambridge, MA

2010-11 Harvard University, Graduate School of Design

Research Assistant; Christian Werthmann

- + Research, Drawings, and Maps of South American informal settlements
- + Participation in competition Morar Carioca for Rio de Janeiro 2016-"Concurso Morar Carioca - Conceituação e Prática em Urbanização de Favelas"
- + Portuguese Translation
- + GSD Green Roof Installation

2008-09 **Mark Rakatansky Studio**  Brooklyn, NY

Cambridge, MA

Assistant Researcher and Coordinator; Mark Rakatansky, Founder and Director

- + Research, Analysis, and Compilation for Cinquecento lecture on Giulio Romano and for upcoming book How to Read a Building
- + Conducting research of Renaissance Architecture with intense focus on Giulio Romano's work, particularly Palazzo Stati Maccarani (Cenci)
- + Creating a PowerPoint presentation for the lecture
- + Analysis and diagramming of Giulio's work, with a concentration on how to read, decode, and understand his work
- + Project management: Coordinating, organizing, and compiling work from various other researchers

#### FREELANCE DESIGN

2013 Somerville, MA Ground, Inc.

#### Freelance Landscape Architect; Shauna Gilles-Smith, Principal

- + Schematic Design Construction Documentation
- + Renderings and project coordination
- + Landscape Architecture Foundation Case Study Investigation- Firm liaison

#### 2012-13 Floating Island Marsh, Green Harbors Project

Boston, MA

- Research / Design Assistant; Dr. Anamarija Frankic, Director
  - + Research, Design, and Graphics for proposal to clean pollutants from Boston Harbor
  - + In collaboration with Julia Frederick and Sara Newey

#### Beth Truesdale (Client) 2012

Cambridge, MA

Graphic Design and Consultation; **Bill & Melinda Gates Foundation** Social Research Unit at Darlington, UK

+ Graphic Design for several publications:

- "Achieving Lasting Impact at Scale" Report
- "How to Achieve Lasting Impact at Scale" Booklet
  - · http://digitalprinciples.org/wp-content/uploads/2015/05/Lasting-Impact-at-Scale-Synthesis-Final.pdf
- "An Introduction to Evidence-Based Programming" Report

2011-12 Harvard University, Faculty of Arts & Sciences

Cambridge, MA

South Asia Initiative

Graphic Design and Consultation Meena Hewett, Associate Director

- + Holiday Card
- + "Higher Education in South Asia" symposium program
- + Photography of lectures and symposia

2009 Spiegel Consultants, LLC

Staten Island, NY

Surveyor

- + Seaview Hospital Complex Renovation
- + Field Survey and CAD Documentation of newly renovated conditions

2008 Arianna Braun Architects

Staten Island, NY

Surveyor

- + Sovereign Bank Several Branches
- + Field Survey and CAD Documentation of existing conditions

2008 Whit Nichols (Client)

Manhattan, NY

Furniture Design; Project Management

- + Design Development based on client sketches
- + Production of basswood model prototypes for table and chairs
- + Production of shop construction drawings

## PROFESSIONAL + COMMUNITY SERVICE

2013- Landscape Architecture Frontiers

Peer Reviewer and Editor

2014 The Journal for Education in the Built Environment; Dorothy Tang, Associate Editor

"Designing from the History of Materials"

Peer Reviewer