

ANDREA L.M. HANSEN

328 DARTMOUTH ST. #5 ... BOSTON, MA 02116 ... +1.650.248.1863 ... ANDREALMHANSEN@GMAIL.COM

EDUCATION

- 2010 **University of Pennsylvania School of Design**
MLA, Master of Landscape Architecture
M.Arch, Master of Architecture
Thesis: Fluxscape - Remapping Philadelphia's Post-Industrial Terrain (Advisor: Helene Furján)
- 2004 **Stanford University**
B.A, Urban Studies (Architecture and Urban Design concentration)
Minor, Civil Engineering

ACADEMIC APPOINTMENTS

- CURRENT Lecturer in Landscape Architecture (full-time)
Harvard University Graduate School of Design (Cambridge, MA)
Teaching responsibilities include graduate design studios as well as lecture and seminar courses on advanced digital representation and post-industrial landscapes. Current research integrates architecture, landscape, infrastructure, and urbanism, with a focus on advanced digital media practices—specifically mapping, data visualization, and parametric and systemic interventions for shrinking cities.
- FALL 2012 Option Studio: Catalytic Landscapes: Body, Culture, and Visual Environment (with Martha Schwartz)
FALL 2012, 2011, 2010 Landscape Representation III: Landform and Ecological Process
SPRING 2012 The Culture Now Project (seminar, with Karen Lohrmann)
FALL 2011, 2010 Landscape Architecture Studio I (section critic along with Jane Hutton and Silvia Benedito)
SPRING 2011 Option Studio: Detroit, Interrupted (with Toni Griffin)
SPRING 2011 Dynamic Landscape: Planting Seminar (with Piet Oudolf)
- 2011-2012 Academic Advisor to MLA I and MLA I AP students
2010-2012 Member of Admissions Committee
SPRING 2012 Member of Kiley Fellow Search Committee
- Teaching Assistant
University of Pennsylvania School of Design (Philadelphia, PA)
FALL 2009 Media III: Digital Modeling (with Julie Beckman and Keith van der Sys)
FALL 2008 Media III: Digital Modeling (with Julie Beckman and Keith van der Sys)
SPRING 2008 Media II: Digital Visualization (with Sarah Weidner Astheimer)
- Teaching Assistant
Stanford University (Palo Alto, CA)
SPRING 2004 Advanced Architecture Studio: Housing + International Development in Guatemala (with Marga Jann)
WINTER 2003 Introductory Architecture Studio: Housing + International Development in Guatemala (with David Nieh)
- Guest Critic (Design Reviews)**
Harvard University GSD
PennDesign
Northeastern University

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PROFESSIONAL EXPERIENCE

- 2010-PRESENT Founder and Director
Fluxscape (Boston, MA)
Research, design, and writing practice focused on exploring data-driven methodologies for mapping and reconceptualizing postindustrial cities. Freelance writing, editing, communications design, and design consultation for landscape architecture and AEC clients including SWA Group and Landworks Studio, Inc.
- 2011-2012 Consultant
SWA Group (Shanghai, China and all US offices)
Taught 3D and parametric modeling in a series of employee workshops at the newly-formed Shanghai office. Interviewed and recorded 26 principals at all seven SWA Group offices for internal and external marketing efforts, resulting in several video blog entries and a new book documenting the firm's recent history. Designed timelines and graphics for the history book and a comprehensive, redesigned employee manual.
- 2005-2006 Designer
RTKL Associates, Inc. (Los Angeles, CA)
Designed master plans, architecture, and landscape for mixed-use projects in the western US & China. Supervised interns on a daily basis, attended client and consultant meetings, acted as assistant project manager, led community participation meetings. Spearheaded the design and development of RFP & RFQ proposals, design standards and guidelines, and master plan and specific plan documents. Hand-sketched conceptual plans/sections and produced design development drawings in AutoCAD. Created perspective renderings and illustrative plans and performed background analysis mapping.
- 2003-2004 R&D Associate
Walt Disney Imagineering (Los Angeles, CA)
Tested pre-release software and presented results to senior executives. Created 4D animations for ride experience and construction strategy. Proposed company-wide LEED benchmarks and performed energy analysis modeling and building re-use studies for the Disney Hotel group, significantly reducing the company's environmental footprint. Executed feasibility and land-use studies and designed illustrative plans and presentation graphics for theme parks worldwide.

INTERNSHIPS

- 2008 **Parallel Design Inc./Ali Tayar (New York, NY)**
Architecture and interior design
Finalist, 2009 Cooper Hewitt National Design Award
- 2007 **EDAW (Australia and Los Angeles)**
EDAW Intern Program in Surfers Paradise, Australia followed by 8-week landscape architecture/urban design internship in Los Angeles
- 2002 **Atkins-Benham International (Tulsa, OK)**
Architecture
- 2001 **RBMM (Dallas, TX)**
Graphic design and branding

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HONORS + AWARDS

- 2012 Next American Vanguard Class of 2012
- 2010 Faculty Prize in Architecture: University of Pennsylvania (in recognition of exceptional growth & development)
- 2010 George Madden Boughton Prize: University of Pennsylvania (for design excellence with environmental and social consciousness, and evidence of potential for effective action in the field of landscape architecture)
- 2010 Graduating Student ASLA Awards (Nomination): University of Pennsylvania
- 2009 Van Alen Traveling Fellowship: University of Pennsylvania (for research in France, Spain, and Italy)
- 2009 Dales Traveling Fellowship: University of Pennsylvania (awarded on the basis of a portfolio competition)
- 2008 Warren P. Laird Award: University of Pennsylvania (top-performing first-year student in M.Arch program)
- 2008 Will M. Mehlhorn Scholarship in Theory and Criticism (First Prize): University of Pennsylvania (top performing student in history and theory track)
- 2008 ULI Hines Student Urban Design Competition (Honorable Mention)
- 2007 AILA Queensland Merit Award for Research/Communication: for "100-Year Vision for Surfers Paradise"
- 2006-2010 Dean's Scholarship: University of Pennsylvania (four-year full tuition scholarship)
- 2004 Undergraduate Research Office Major Grant & Travel/Conference Grant Recipient: Stanford University

FELLOWSHIPS AND RESIDENCIES

- 2012 Harvard University Innovation Lab (i-lab): Summer and Fall 2012 long-term resident (to develop vacancy mapping startup with Alexander Kapur, Harvard Kennedy School)
- SUMMER 2012 Isabella Stewart Gardner Fellowship in Landscape Studies (Alternate Finalist)
- 2011-2012 Daniel Urban Kiley Teaching Fellow: inaugural recipient of the one-year fellowship at Harvard GSD

CONFERENCES AND PRESENTATIONS

- OCTOBER 2012 Igniting Innovation Summit on Social Entrepreneurship, Harvard University (Speaker): panel, "Innovative Adaptations to a Changing World" (with Anthony Vanky, MIT and Giles Holt)
- OCTOBER 2012 Next American Vanguard 2012 Conference, St. Louis, Missouri (Presenter/Participant): lecture, "How to Effectively Use Technology" (with Stephen Spiker and Sarah Kaufman)
- APRIL 2012 Digital Culture Now, Harvard GSD (Panelist): panel, "Relational Landscape" and presentation, "The Emic-Etic Divide: Towards Cartographic Agency" (regenerative data-driven and parametric landscape infrastructure projects for Philadelphia and Detroit)
- DECEMBER 2010 Digital Media Colloquium, Harvard GSD (Coordinator/Curator): GSD exhibit/discussion on digital work in the Landscape Architecture program

COMPETITIONS

- 2011 MergeStudio Lab's Water Tower Project (Top 20 finalist)
- 2004 POLE Peak of Relaxation, Adellboden, Switzerland (1st Place)

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PUBLICATIONS

- 2014 Visualizing Systems: A Genealogy of Complexity in Landscape, Ecology and Urbanism: Andrea Hansen, editor (Princeton Architectural Press, Architecture Briefs series, publication expected late 2014)
- 2012 Landworks Studio Inc/Michael Blier Monograph: project editor and co-author (International New Landscape Publishers, China)
- 2012 via:Dirt: "FLUXscape" featured (MIT Press, 2012)
- 2012 Progettare Paesaggio: Landscape as Infrastructure (ed. Paola Cannavó): featured essay, "History Meets Hydrology: Landscape Infrastructure as Mediator"
- 2011 LandscapeUrbanism.com, Issue 2: Representation + Communication: featured essay, "From Hand to Land: Tracing Procedural Artifacts in the Built Landscape"
- 2011 Representing Landscapes: A Visual Collection of Landscape Architectural Drawings, ed. Nadia Amoroso: featured essay, "Indexing Process" (Routledge UK, 2012)
- 2010 WORK 2009-2010: studio projects selected (PennDesign)
- 2009 via:Camouflage: "SKINx3" featured (MIT Press)
- 2009 WORK 2008-2009: studio projects selected (PennDesign)
- 2008 WORK 2007-2008: studio projects selected (PennDesign)
- 2007 Process 11: studio projects selected (PennDesign)

EXHIBITIONS (CURATION)

- JUNE-SEPT 2013 Untitled Exhibition on Landscape Drawing and Collage (Isabella Stewart Gardner Museum, Boston, MA): assistant curator (with Charles Waldheim)
- NOVEMBER 2012 Visualizing Systems (Harvard GSD): exhibit launching the blog and book Visualizing Systems by Andrea Hansen and highlighting work done as the 2011-2012 Kiley Fellow
- FEBRUARY 2011 Digital Terrain (Harvard GSD): Exhibit of digital work in the Landscape Architecture program
- SPRING 2011 110 Years at the GSD (Harvard GSD): Exhibit mapping the history of the Landscape department at Harvard
- DECEMBER 2010 Digital Media Colloquium (Harvard GSD): Exhibit/symposium on digital work in the Landscape Architecture program

EXHIBITIONS (WORKS FEATURED)

- NOVEMBER 2012 Visualizing Systems (Harvard GSD): exhibit launching the blog and book Visualizing Systems by Andrea Hansen and highlighting work done as the 2011-2012 Kiley Fellow
- SEPTEMBER 2012 Imaging Detroit (Metropolitan Observatory for Digital Culture and Representation, Detroit, MI): Detroit, Interrupted publication featured
- OCTOBER 2010 Philly Works 2010 (DesignPhiladelphia, Philadelphia, PA): "FLUXscape" featured
- FEBRUARY 2009 Back on the Map: Revisiting the NY State Pavilion at the 1964/65 World's Fair (AIANY Center For Architecture, New York, NY): speculative adaptive reuse projects featured
- JANUARY 2008 WORKWORKWORK (PennDesign): architectural design and theory work selected

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RELEVANT SKILLS

3D MODELING	Software:
PARAMETRICS	Rhino, 3DS Max, Maya, Modo, Sketchup, AutoCAD, VRay
ENVIRONMENT	Grasshopper, GECO, Kangaroo, Firefly, RhinoScript
MAPPING	Ecotect, Aquaveo, Realflow
GRAPHICS + LAYOUR	ArcGIS, ArcScene
ANIMATION + VIDEO	Illustrator, Photoshop, InDesign
WEB DESIGN	AfterEffects, Premiere, iMovie, Camtasia Studio
CODE	Dreamweaver, Flash, iWeb
	VBscript, Rhinoscript, Actionsript, HTML

Languages:

Spanish (proficient), Italian (conversant), French (conversant), Mandarin Chinese (basic)

REFERENCES

Charles Waldheim

Chair of the Department of Landscape Architecture, Harvard GSD
waldheim@harvard.edu

Chris Reed

Principal, Stoss Landscape Urbanism
Adjunct Associate Professor of Landscape Architecture, Harvard GSD
cr@stoss.net

Pierre Bélanger

Associate Professor of Landscape Architecture, Harvard GSD
belanger@harvard.edu

Helene Furján

Assistant Professor of Architecture, PennDesign
furjan@mac.com

David Nieh

Head of China Operations, LendLease
David.Nieh@lendlease.com

Toni Griffin

Professor and Director, J. Max Bond Institute
Spitzer School of Architecture, City College of New York
grifflynn@aol.com