ANDREW F. HARTNESS

EDUCATION

2005-07 **Harvard University Graduate School of Design,** Cambridge, MA
Master of Architecture in Urban Design

1998-2001 **Ecole Spéciale d'Architecture,** Paris, France
Diplôme de l'École Spéciale d'Architecture (DESA), "félicitations du jury" (eq. distinction)
Thesis: Thot-Daia: Terrestrial voice for the mission to Mars (Advisors: P. Virilio, J. Mouly)
1999 - Academic Workshop exchange at Kunst Akademie, Stuttgart, Germany

1993-97 **University of North Carolina at Chapel Hill,** Chapel Hill, NC
Bachelor of Arts, Studio Art, Romance Languages, cum laude
1995-96 - Academic exchange at Universidad de Sevilla, Spain

ACADEMIC POSITIONS

2011-present **Rhode Island School of Design**, Providence, RI
Adjunct Professor in Departments of Landscape Architecture and Architecture

Advanced Representation II: "Hybrid Drawing" (for 5 yrs, ongoing)
Advanced Option Studio "La Petite Ceinture"
Global Summer Program: "Paris: Urban Landscape through a Cultural Lens""
Advanced Representation: Digital modelling and animation
Advanced Option Studio: "Learning from the Tuileries: Placing Urban Ritual"
Independent Study Advisor: "Envisioning the Shifting Landscape"

2009-2010 **Wentworth Institute of Technology**, Boston, MA
Lecturer and Design Critic in Department of Architecture

Advanced elective: Boundaries of Analogue Processes in Digital Media
First year core seminar series: Modelling and Representation
Second year, Foundation Studio

2006 **Harvard Graduate School of Design**, Cambridge, MA
Teaching Assistant

Option Studio, Reconnecting City and River: Vienna, Austria, and the Danube (A. Krieger)
Advanced elective : International Design Practice: Business, Law, Culture (J. Wickersham)

2003-present **Guest Critic at studio and course reviews**

Cornell University, Harvard University GSD, Northeastern University,
Rhode Island School of Design, Roger Williams University, Ecole Spéciale d'Architecture
Boston Architectural Center, Boston Society of Landscape Architecture, American Society of
Landscape Architecture Student Awards

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PROFESSIONAL PRACTICE

2015-present **Design Distill**   Visualization studio, Cambridge, MA
Founding Partner | Director

2009-2015 **Hartness Vision** Architecture, urban design and visualization studio, Cambridge, MA
Founding Partner | Artistic Director

Visualization (selected collaborations)

2017 Mass Design Group – Visualization for monograph – Boston – client: Mass Design Group
2016 Kendall Square – Re-development feasibility study, Cambridge, MA – client: Sasaki
  Hudson Yards – Mixed-use development – New York – client: KPF, NBW, Corcoran
2015 Memorial Park – Houston central park restoration – Houston – client: Nelson Byrd Wolz
  Pier 70 Redevelopment – Ballot measure – San Francisco – client: Sitelab Urban, JCFO
  Masdar Carbon Zero City – Masdar, UAE – clients: CBT Architects, MVVA.
2014 Changi Airport – Airport expansion concepts, feasibility study – Singapore – client: Populous
  Atlanta Beltline – Rails/Trails transit project, ballot initiative – Atlanta – client: Perkins + Will
2013 Seward Park Urban Revelopment Area - Competition (finalists) – New York City
  team: TEN Arquitectos, nARCHITECTS, Ken Smith Landscape Architect
  Walter Reid Hospital Redevelopment – Competition (finalists) - Washington DC
  team: Forest City, Sitelab Urban Studio, Sasaki
2012 Xiamen Lake Development - Competition (laureates) - Xiamen, China – client: SWA Group
  The Walking Dead Escape - Crowd event and obstacle course – San Diego (Comic-Con)
2011 KACARE – competition – Desert near Riyadh Saudi Arabia – team: KKA, SuperMass Studio
2010 Seoul Grand Park (zoo and amusement park) - Feasibility Study, Seoul, client: AECOM

Urban Design + Architecture

2013 The Blairs - Conceptual Design and modeling, Silver Springs, MD, team: Sasaki
2012 French Cultural Center - Design competition (finalist), Boston, MA, w/ XChange Architects
2011 Water Brand - invited competition for utilities company (finalist) Manila, Philippines
  Jinniu Branding Plan - Multi-use master plan, for 2014 Youth Olympics, Jinniu, China
  with American Planning Association
2010 Eco-tourism Resort - Conceptual Design and visualization Dali, China, team: Sasaki
2009 Venture Café -Feasibility Study, Cambridge, MA, Cambridge Innovation Center
2007 Max Pak TOD - Transit Oriented Development on former brownfields site, Somerville, MA

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PREVIOUS DESIGN EXPERIENCE

2006-2009   **Chan Krieger Associates (now NBBJ),** Cambridge, MA
Urban Designer

Bengbu waterfront Initiative - urban design competition finalists - Bengbu, China

University of Botswana - Okavango Delta sustainable campus design - Maun, Botswana

Four Points - 1.5 M SF mixed-use Transit-Oriented Development - Washington DC

Shanghai Bund Promenade - invited competition - laureates, Shanghai, China

Greater Shenyang Regional Plan - research competition (finalists) - Shenyang, China

2000-2005   **Ateliers Jean Nouvel,** Paris, France
Head of Visualization | Designer

Valencia Masterplan - 1500 + hectares - invited competition (laureates) - Valencia, Spain

Kuwait City Center - competition (laureates) for mixed use development, Kuwait City

Copenhagen Concert Hall, – competition (laureates) completed 2008 - Copenhagen, DK

Guthrie Theater – competition (laureates) - completed 2006 - Minneapolis, MN

40 Mercer – high end residential – completed 2006 - Manhattan, NYC

Guggenheim Rio - Feasibility study, schematic design - Rio de Janeiro, Brazil

AJN Archives – 3D virtual environment platform and retrieval system - Paris, France

PUBLICATIONS | ILLUSTRATIONS

2015   N. Kirkwood, K. Kennen, *Phyto: Principles and Resources for Site Remediation and Landscape Design*, visualization and infographics, (Routledge, UK, 2015)

2015   Andrew Hartness, "Reinforcement through Opposition: Metrics and Emotion in Project Visualization", *Representing Landscapes: Digital*, ed. N. Amoroso (Routledge UK, 2015) [invited]

2015   Andrew Hartness, "Alternative Revelations of Sections", *Representing Landscapes: Digital*, ed. N. Amoroso (Routledge UK, 2015) [invited]

2007   C. Lechner, *Vienna Riverfront Studio,* ed. C. Lechner, A. Krieger, asst. A. Hartness, visualization and infographics (Rema Print, Vienna, 2007)

2007   *StudioWorks 11*, Fall, 2006, Harvard University Press. Cambridge, 2007

2003   *Exposé I*, ed. L. Teo, M. Snodgrass, (Ballistic Publications, Australia, 2003)
selected artist, international collection of 3D-based computer graphics

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INTERVIEWS | FEATURES | EXHIBITS

2014	**On Edge -** Bayard Ewing Gallery (as curator) Spring 2014, Exhibit of drawings
2012	**AIDS Memorial** - featured project in numerous online design forums
2011	**Water Brand** - featured project numerous online design forums
2010	**Alternate Currents Gallery + Axiom Gallery -** Boston, MA Exhibit of selected visualization for urban textures exhibit.
2004	*Man and Machine* (CAD magazine, Apr 2004) - interview and exposé of innovative 3D modeling techniques
2003	*CG Architect -* interview and "virtual exhibit" Exposé of computer graphics development and 3D project management techniques
	Arkitekten (Sweden), vol 08 – Aug 2003 - Image on magazine cover Interview article on reactive modeling techniques, false radiosity
2002	**Venice Biennale -** Ateliers Jean Nouvel, skyscraper exhibit 3D project visualization, assisted in digital fabrication

SYMPOSIA | CONFERENCES

2009	Design. Display. Depict. Graphic nuances of "representation", visualization, and "rendering" Panel presentation (keynote) at Rhode Island School of Design, Providence, RI
2009	Multi-source Sampling: Realistic Image Production Without a Rendering Engine*,* Academic presentation at Wentworth Institute of Technology, Boston, MA
2003	Evolution of the Virtual Architecture in Reactive Work Environments*,* Copenhagen. Conference Speaker and Discussion Leader, *5th International 3D Festival*

GRANTS | RECOGNITION | TITLES

2014	Rhode Island Science and Technology Grant (under S. Fultineer) $ 135k - Visualization for "Resilience to Climate Change: Testing Sculptural Forms for Coastal Habitat Restorations"
2011-2015	American Society of Landscape Architects, jury member - student awards - Harvard GSD
2009	Kenneth Roberts Architectural Delineation Competition, Finalist selection
2006	Stephen & Wanda Jones merit scholarship, Harvard University
2005	*Guide i batiment,* (ed. 18 productions, Paris), profiled as one of "100 movers and shakers" in the French building industry
2004	*Exposé II*, ed. Ballistic Publications, Sydney, Aus, 2005 - honorary architect-juror for international selection of 3D-based computer graphics
2001	Highest Honors (Félications du Jury) for thesis at the Ecole Spéciale d'Architecture
1999-2000	Academic merit scholarship, the Ecole Spéciale d'Architecture

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LICENSES | AFFILIATIONS | BOARDS

Ordre des Architectes (DESA) – Professional Association for Architects' Licensing in France

Maison des Artistes (MdA) - Institute for independent graphic artists in France

American Institute of Architects (Assoc. member AIA)

Boston Society of Landscape Architects (Assoc. member ASLA)

Grow Native Massachusetts (501c3), Founding member

Josep Luis Sert Council, Harvard GSD

The Art Connection – Art Donation and Placement program

ADDITIONAL INFORMATION

Languages :   English (native)
              French (bilingual)
              Spanish (proficient)
              German (remedial)

Research :   urban design
              visual theory
              hybrid visualization techniques
              data visualization
              immersive visualization

Software :   Photoshop (instructor level)
              Premier (instructor level)
              InDesign
              3DStudio Max
              Lumion 3D
              AutoCAD, Sketchup
              Google Earth applications

References upon request