

Andrew Lucia M.ARCH, B.A. Architecture

LUCITO, Founding Principal, www.lucito.co

Andrew Lucia (Solo Practice), www.andrewlucia.com

Education

2005-2008 University of Pennsylvania, Master of Architecture. M. Arch
1997-2001 University of Minnesota, Bachelor of Arts in Architecture. B.A., Minor Emphasis in Urban Studies

Academic Employment History

2023 Visiting Critic, College of Architecture, Art and Planning, Cornell University

2022 Invited Guest Instructor, Weitzman School of Design, Graduate Department of Architecture, University of Pennsylvania, Summer Program, Paris, France.

2019-2021 Visiting Lecturer/Critic, Weitzman School of Design, Graduate Department of Architecture, University of Pennsylvania

2018-2019 Invited Guest Instructor, Weitzman School of Design, Graduate Department of Architecture, University of Pennsylvania, Summer Program, Paris, France.

2018 Azrieli Visiting Scholar, Azrieli School of Architecture and Urbanism, Carleton University, Ottawa, CA

2015-2017 Cass Gilbert Fellow and Visiting Assistant Professor, School of Architecture, College of Design, University of Minnesota

2015-2016 Invited Guest Instructor, University of Pennsylvania, Summer Program, Paris, France

2011-2015 Visiting Lecturer & Critic, College of Architecture, Art and Planning, Cornell University

2011 Instructor, Graduate Department of Landscape Architecture, School of Design, University of Pennsylvania

2008-2011 Instructor, Graduate Department of Architecture, School of Design, University of Pennsylvania

2006-2007 Design Studio Teaching Assistant, Graduate Department of Architecture, School of Design, University of Pennsylvania

Professional Employment History

2017-current LUCITO (Design, Art and Architecture Practice of Lucia + Ito), Minneapolis, MN.

2022 **(Digital Animation) *Trapped***. Commissioned by Denver Digitari for Silent Screen Program, Supernova Digital Animation Festival, Denver, CO.

- 2022 **(Public Art/Event - unrealized) *The Gaming House***. Competition Entry for Creative Time New York, NY.
- 2020-current **(Architectural Design/Renovation) *Residence SH***. Renovation to the William Bates House, originally designed by Frank Furness. With Chris Blakelock, Architect of Record. Philadelphia, PA.
- 2016-current **(Public Land Art + Architectural Intervention) *Hull Rust and Hibbing Taconite Mine View Overlook Park***. Design for a series of buildings and earthworks overlooking the Hull Rust Mine and Mesabi Iron Range. With SEH Inc., Engineering and Architect of Record. Hibbing, MN.
- 2019-2022 **(Architectural Design/Renovation - unbuilt) *Residence TD***. Minneapolis, MN.
- 2021 **(Public Art/Sculpture) *Likeness of an Allegory***, Installation for the City of Minneapolis's Art in Public Places Permanent Collection, New Public Services Building, Minneapolis, MN.
- 2020 **(Visual Art/Image) *A Rake's Progress and the Monument Against Time***, 6 image plates and accompanying text, [The Cornell Journal of Architecture: After](#), Vol. 12. Cornell University AAP, 2022.
- 2019 **(Public Installation - unbuilt) *OLIO***. Competition Entry for **Socrates Park Folly/Function 2019**, Queens, NY.
- 2019 **(Public Land Art Installation - unbuilt) *The Stand***. Project for Winter Stations competition on Toronto's Woodbine Beach, Lake Ontario, CA.
- 2018 **(Public Land Art - unbuilt) *a line in the sand***. Project for Winter Stations competition on Toronto's Woodbine Beach, Lake Ontario, CA.
- 2018 **(Public Installation - unbuilt) *Jaxx (Knucklebones)***. A collaboration with Roguebuilt for public art and seating. Competition Entry for **Socrates Park Folly/Function 2018**, Queens, NY.
- 2008-current ANDREW LUCIA (Solo Practice)**, Minneapolis, MN.

Exhibitions

- 2019 **(Group Exhibition) *Traces on the Farther Side* exhibited in [Personal Structures](#)**, Digital Projection by Andrew Lucia (in collaboration with Wendy Steiner, co-director and producer). Palazzo Bembo, Venice. Curated by ECC [catalog].
- 2018 **(Two-Person Exhibition) *A Catalog of Difference* exhibited in [DRAWBOT #2-Post Digital Drawing in Architecture and Art](#)**. Mixed media. AA[n+1] Gallery, Paris (with Young+Ayata). Curated by Emmanuelle Chiappone-Piriou and Leslie Ware.
- 2017 **(Solo Exhibition/Installation) *A Catalog of Difference***. Mixed media. Usagi, New York, NY.

- 2017 **(Solo Exhibition/Installation) *A Catalog of Difference***. Mixed media. Goldstein Museum of Design, HGA Gallery, Minneapolis, MN [catalog].
- 2016 **(Group Exhibition) *Study on an Image of a Column, Ornament, and a Radiator for the TOO REAL* exhibition**. (In collaboration with Giffen Clark Ott). Ridge Space, Oakland, CA. Curated by Tyler Eash.
- 2014 **(Solo Exhibition/Installation) *Portraits and Signatures***. Multimedia installation in collaboration with Taylan Cihan, sound; Andrew Lucia, projected real-time digital algorithm. Hartell Gallery, Cornell University, Ithaca, NY. Curated by Mark Morris.

Performances

- 2019-current **(Projection for Experimental Performance) *The Language of Landscapes*, 2017**. Christopher Stark, composer; Andrew Lucia, projected digital video. World Premier performance by New Morse Code at Re:Sound Festival, Cleveland, OH (2019); and Ariel Avant Impact Performance Tour (2022) at Old Dominion University, Norfolk, VA; UNCW, Wilmington, NC; U of Kansas, Lawrence, KS; U of Dayton, OH. U of Denver, CO.
- 2019 **(Projection for Opera) *Artemisia***. Commissioned by Left Coast Chamber Ensemble. Laura Schwendinger, composer; Ginger Strand, libretto; Andrew Lucia, real-time projection design. World Premier (for chamber ensemble) at Zspace, San Francisco, CA.
- 2019 **(Projection for Micro-opera) *From the Fields***. Christopher Stark, composer; Megan Stark, libretto; Andrew Lucia, projection design. World Premier at Zspace, San Francisco, CA.
- 2015 **(Projection for Chamber Orchestra) *Velocity Meadows, Five Dream Episodes for solo oboe, chamber winds, electronics, & video***. Christopher Stark, composition; Andrew Lucia, digital video projection. Note: performed over 17 times to date in the U.S.
- 2013 **(Projection for Opera) *Biennale***. Wendy Steiner, producer/librettist; Mary Birnbaum, director; Gary Wedow, Conductor; Paul Richards, composer; Andrew Lucia, projected digital video. The Barnes Foundation, Philadelphia, PA.
- 2012 **(Projection for Orchestra) *An***. Taylan Cihan, Composer; Andrew Lucia, projected real-time algorithm; Chris Kim, Niccolo Athens, Amit Gilutz – conductors. World Premier, Bailey Hall, Cornell University, Ithaca, NY.
- 2012 **(Projection for Experimental Performance) *i don't recall [amarcord.2]***. Andrew Lucia, projected real-time digital algorithm; Taylan Cihan, sound. Barnes Hall, Cornell University, Ithaca, NY.
- 2011 **(Projection for Quartet) *Traces on the Farther Side***. Projected real-time digital algorithm in collaboration with Wendy Steiner, co-director and producer. Commissioned by Parthenia, A Consort of Viols, to accompany Frances White's *A Flower on the farther side*-opening premier at *Night Visions*, Picture Ray Studios, NYC.

Projects

- 2016 **(Speculative Essay) *Lux Sphaerae***, Finalist entry for the **Objects Competition, Secret Life of Buildings Symposium**. With Iroha Ito and Samuel Fletcher. SOA UT Austin, Sep. 2016.
- 2011-2013 **(Architectural Design) *KaTi Dental Clinic***. Private commission. Office [4,200 ft²].
Andrew Lucia, Lead Design. Rehn Hassel, Assoc. Architect (YA Architecture). Hibbing, MN.
- 2010-2013 **(Instrument Design) *Card I***. Andrew Lucia, design; Taylan Cihan, electronics. Semi-finalist in the Margaret Guthman Musical Instrument Competition, Georgia Tech, Atlanta, GA.
- 2008-2010 **(Graphic Design) *Meander Variegating Architecture***; by Kolatan, F. & Sabin, J.
(Bentley Press). Cover and Graphic design by Andrew Lucia. [500 pages, color]
- 2008 **(Speculative Research) *The Protection Papers; Borders, Boundaries, and Blockades in the Art of Dennis Oppenheim***. Temporal investigations, film reconstructions, and renderings by Andrew Lucia. Collaboration with Aaron Levy, author of study, Slought Foundation, Philadelphia PA.
- 2008-2014 LABSTUDIO. Senior Researcher/Designer**, 2008-2014.
- NSF EFRISEED grant funded research titled: Energy Minimization via MultiScalar Architectures: From Cell Contractility to Sensing Materials to Adaptive Building Skin.*
Co-Author/Senior Personnel. 2010-2014.
- Branching Morphogenesis* (installation). Lead Design/Project Management
-*Ars Electronica 2009 inaugural exhibition*. Ars Electronica. Linz, Austria. 2009-10.
-*Siggraph Evolve 2008 Exhibition*. Los Angeles, CA. Aug, 2008.
- Ground Substance* (installation). Design/Project Management
-*Fertile Ground exhibition*. Philadelphia, PA. Oct, 2009.
-*Siggraph 2009 Generative Fabrication Galleries*. New Orleans, LA. Aug, 2009.
- 2008 KELLER EASTERLING ARCHITECT**, New York
Ordos, Mongolia Villa, Ordos, Mongoli.
Project Team, unbuilt 2008.
- 2008 su11 architecture+design**, New York
Chromazon, Queens, New York [**MOMA PS1 YAP Finalist**].
Project Design Team, unbuilt 2008.

- 2007** **BARKOW LEIBINGER ARCHITECTS**, Berlin
Pavilion at Museum für Angewandte Kunst
Project Concept and Design 2007, Frankfurt
- Home Delivery Exhibition at MoMA*
Project Team, unbuilt 2007, New York
- 2007** **RUY KLEIN ARCHITECTS**, New York
Knot Garden, Queens, New York [MoMA PS1 YAP Finalist]
Project Lead Design, unbuilt 2007
- 2006** **ARUP ENGINEERS ASSOC., ADVANCED GEOMETRY UNIT**, London
AGU Artist's Space Exhibition New York.
H_edge by Cecil Balmond, AGU, and Jenny Sabin
Project Management and assembly, Summer 2006.
- 2004-05** **MARC ASMUS ARCHITECT**, Minneapolis, MN. Intern Architect
- 2001-04** **YUNKER+ASMUS ARCHITECTURE**, Minneapolis, MN. Intern Architect

Publications as Author (Select)

- 2023 Lucia and Ito. "**Likeness of an Allegory**" in The Cornell Journal of Architecture: Missing, Val Warke and Duncan Steele eds., Vol. 13. Cornell AAP Publications, 2023 (anticipated).
- 2023 Lucia. "**Notes on a Catalog of Difference**" in Proceedings of the Meta-Xenakis Global Symposium, New York, Paris, Athens, Mexico City, Tokyo (forthcoming), Centre Iannis Xenakis Editions, forthcoming, 2023.
- 2021 Lucia and Ito. "**A Rake's Progress and The Monument Against Time.**" in The Cornell Journal of Architecture: After, Val Warke, Todd Petrie, Hallie Black eds., Vol. 12, 108-119. Cornell AAP Publications, 2021.
- 2017 Lucia. *A Catalog of Difference* UMinn Papers on Architecture, Vol. 2.
- 2017 Lucia w/ Sabin & Jones, "**Motility and the Observation of Change,**" chapter in *LabStudio: Design Research Between Architecture & Biology*, by Sabin & Jones eds., pp. 215-230. Routledge/Taylor and Francis, 2017.
- 2016 Lucia. "**Between Categories; Sullivan's Parallelism.**" in The Cornell Journal of Architecture: Spirits, Caroline O'Donnell ed., Vol. 10, 18-33. Actar, 2016.

- 2016 Lucia, **“Traces on the Farther Side.”** in *Architecture and Music: Indulging with Time, World Architecture*, 2016/02, 106-107. Beijing, China, 2016.
- 2015 Lucia, **“Sympathy & Surface; in depth & difference.”** in *Proceedings of the 103rd ACSA Conference*, pp. 578-586. Toronto, CA.
- 2014 Lucia and Sabin. **“Rethinking Xenakis and the Role of Information in the Immediate Production of Architectural Affects.”** *proceedings of the MIA-AIM (Music in Architecture-Architecture in Music) Symposium*, in *CENTER 18*, pp. 192-203. University of Austin, Texas, 2014.
- 2013 Lucia, Sabin and Jones. **“Memory, Difference, and Information: Generative Architectures Latent to Material & Perceptual Plasticity.”** in *Knowledge Visualization Currents: from Text to Art to Culture*, Frank T. Marchese & Ebad Banissi eds., pp. 179-197. Springer-Verlag, London, 2013.
- 2010 Lucia, Lee, & Lake. **“Pitch to Rhythm :: Rhythm to Pitch”** *Leonardo Music Journal*, MIT Press. December 2010, Vol. 20, Pages 97-97. Published Online 12 November 2010.
- 2010 Lucia. **Form Between Matter.** Graduate thesis, Annette Fierro (advisor). Self-published.
- 2008 Lucia. **“Alpha 60”** *Via: Occupation*, PDSP/School of Design, University of Pennsylvania, Philadelphia, PA. pp 184-5, 2008.

Projects Published (Select)

- 2020 Lucia and Ito. **“Hull Rust Mine View Overlook Park”** in *Associations, Vol. 11*. Cornell University AAP, 2020.
- 2017 Lucia and Stark. **“Velocity Meadows”** in *Associations, Vol. 8*. Cornell University AAP, 2017.
- 2016 Lucia. **“Traces on the Farther Side”** in *Architecture and Music: Indulging with Time, World Architecture*, Beijing, China, 2016.
- 2015 Lucia. **“Sympathy & Surface”** in *Associations, Vol. 7*. Cornell University AAP, 2015
- 2015 Lucia and Cihan. **“Portraits & Signatures”** in *Associations, Vol. 7*. Cornell University AAP.
- 2014 Lucia and Cihan. **“CardI”** in *Associations, Vol. 6*. Cornell University AAP, 2014.
- 2013 Lucia and Cihan. **“An”** in *Associations, Vol. 5*. Cornell University AAP, 2013.

Lectures and Paper Presentations

- September, 2022 Paper Presentation. **“Notes on A Catalog of Difference.”** Meta-Xenakis Global Symposium. New York, Paris, Athens, Tokyo, Mexico City.
- May, 2017 Invited Lecture. **“Sympathy for Sullivan.”** Northwest Architectural Archives, UMN
- March, 2017 Lecture. **“A Catalog of Difference.”** To accompany the exhibition, UMN, School of Architecture.
- June, 2015-16 Invited Lecture. **“Sound & Image; Studies in Production and Affect.”** PENN Paris Program, Paris, France.
- April, 2015 Invited Lecture. **“Between Categories.”** University of Puerto Rico, San Juan.
- March, 2015 Paper Presentation. **“Sympathy & Surface; in depth & difference”** in The Articulate Object paper session led by Michael Young, 103rd ACSA, Toronto, Canada.
- Oct, 2013 Invited Lecture. **“Seeing and the Constructed Image.”** New Jersey Institute of Technology.
- March, 2013 Invited Lecture. **“Information or Geometry?”** rumin(ATE) Series, Cornell University.
- Oct, 2011 Paper Presentation. **“Rethinking Xenakis and the Role of *Information* in the Immediate Production of Architectural Affects,”** Music in Architecture–Architecture in Music Symposium, Univ. of Texas, Austin. [for LabStudio, UPENN]
- July, 2011 Paper Presentation. **“Memory, Difference, and Information: Generative Architectures Latent to Material & Perceptual Plasticity,”** 15th International Conference on Information Visualization, IEEE Computer Society. London. [for LabStudio, UPENN]
- July, 2010 Lecture. **“Scale-free Analysis of Dynamic Data Sets: Difference, Uncertainty and Perception,”** joint lecture by Sabin+Jones and Lucia for The Wharton Advanced Management Program, University of Pennsylvania. [for LabStudio, UPENN]
- Feb, 2010 Public Lecture. **“Nonlinear Systems and Design,”** joint lecture by Sabin+Jones and Lucia for The Wharton Interactive Media Initiative (Penn Interactive Media Colloquium), University of Pennsylvania. [for LabStudio, UPENN]

Awards and Distinctions

- 2019 Nomination for the Civitella Ranieri Fellowship.
- 2017 Nomination for United States Artist Fellowship.
- 2016 *Lux Sphaerae*, Finalist entry for Objects Competition, Secret Life of Buildings Symposium. SOA UT Austin. With Iroha Ito and Dr. Samuel C. Fletcher.
- 2015-2017 Cass Gilbert Fellow, School of Architecture, College of Design, University of Minnesota.
- 2014 Best Paper Award at SimAud2014, Tampa, FL. (for LabStudio, Cornell).
- 2013 *Card I* awarded semi-finalist in the Margaret Guthman Musical Instrument Competition, Georgia Tech (with Taylan Cihan).
- 2010-2011 Artist in Residence, Breadboard Gallery and NextFab Studio, Philadelphia, PA (for LabStudio, UPENN).
- 2010 First Prize in Illustration, 2009 Science/NSF International Science and Engineering Visualization Challenge, awarded to *Branching Morphogenesis* (for Sabin+Jones LabStudio).
- 2008 Arthur Spayd Brooke Memorial Prize, Silver Medal. For distinguished work in architectural design, UPENN.
- 2007 First Place, E. Lewis Dales Memorial Traveling Fellowship, UPENN.
- 2007 Samuel K. Schneidman Fellowship awarded on the basis of demonstrated excellence, UPENN.
- 2007 Prowler Memorial Prize for outstanding record in sustainable design, UPENN.
- 2006 James Smyth Warner Memorial Prize for highest record in required studio courses, UPENN.
- 2006 Melhorn Scholarship for outstanding work in the theory sequence, UPENN.

Scholarly Service

- 2022 Invited peer reviewer, 26th Int. Conference on Information Visualization, IEEE Computer Society.
- 2017 Symposium Coordinator, Architecture as Catalyst; *Difference*, School of Architecture, CDes, UMN
- 2016 Co-coordinator, Fall UMN Architecture Lecture Series; w/ Prof. Kristine Mun
- 2016 Symposium Coordinator, Architecture as Catalyst; *Representing Systems*, CDes, School of Architecture, UMN

- 2015-17 Coordinator, Digital Assistant Program, College of Design, UMN
- 2016-17 Liaison to the Academic Technology Committee, CDes, School of Architecture, UMN
- 2014 Invited juror/reviewer, Cornell Council for the Arts grant awards.
- 2013 Invited juror/reviewer, Cornell Council for the Arts grant awards.
- 2013 Ellen Fullman Artist Residency, liaison and co-coordinator, Cornell AAP.
- 2012 Invited peer reviewer, 16th Int. Conference on Information Visualization, IEEE Computer Society.
- 2011 Invited peer reviewer, 15th Int. Conference on Information Visualization, IEEE Computer Society.
- 2010 Tutor, Smart Geometry Workshop Barcelona 2010. Cluster: *Nonlinear Systems Biology* [LabStudio]
- 2009 Extramural advisor to Joel Ong, Masters of Science (Biological Art) candidate at SymbioticA, the University of Western Australia, School of Anatomy and Human Biology.

Grants Awarded

- 2015-16 "A Taxonomy of Structural Curvature & Light Signatures."
Funded by SoA SEED Grant, U of MN [\$9000].
- 2015-16 "Using Spatially Varying Reflectance Information in Architectural Material Selection,"
Gary Meyer (PI), Andrew Lucia (co-PI). Funded by the DDC, U of MN [\$20,470.11].
- 2011 Mellon Grant for *Biennale*, Wendy Steiner (PI & author of Libretto) and Paul Richards (Composer)
[\$45,000] [Andrew Lucia Design and Research; lead design of visual production].
- 2010 EFRI-SEED: Energy Minimization via Multi-Scalar Architectures: From Cell Contractility to
Sensing Materials to Adaptive Building Skins. Shu Yang (PI), Nader Engheta, Jan Van der Spiegel, Peter
Lloyd Jones & Jenny Sabin (co-PIs), Andrew Lucia (senior personnel), University of Pennsylvania [\$2.0
Million][LabStudio].
- 2009 Wharton WIMI Grant, University of Pennsylvania [\$5,000] [LabStudio].