

Curriculum Vitae (updated Winter/Spring, 2017)

## Andrew Lucia M.ARCH, B.A. Architecture

Cass Gilbert Visiting Assistant Professor, School of Architecture, College of Design, University of Minnesota, [www.arch.design.umn.edu](http://www.arch.design.umn.edu)  
Principal, Andrew Lucia Design & Research Studio (ALDeR), [www.andrewlucia.com](http://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

### Summary of Academic & Professional History

Andrew Lucia is the Cass Gilbert Visiting Assistant Professor in the School of Architecture, College of Design, University of Minnesota where he is teaching design studios and seminars in visual representation, and conducting research into the issues of representation, information, geometry and aesthetics. Prior to his current academic appointment as Cass Gilbert Visiting Assistant Professor, Lucia was a visiting lecturer and critic at Cornell University, AAP (2011-2015), faculty in Visual Studies at the University of Pennsylvania, School of Design (2008-2011), and was a founding member and Senior Researcher within LabStudio (now the Sabin Design Lab, Cornell) from 2008-2015. Recent courses have focused on questions surrounding the inherited geometric workflows within architectural representation's historic legacy. This academic agenda broadly examines the role of information (as structured ambient light) in the production of spatial and material affect while broaching a variety of thematic issues including 20<sup>th</sup> century music formalisms; the construction of ornamental surfaces, notably from Louis Sullivan's final illustrative text, *A System of Architectural Ornament*; and novel approaches to the application of post-geometric visual data in the virtual/augmented reality environments.

Andrew is founding principal of Andrew Lucia Design & Research (ALDeR). Lucia's body of work ranges from architectural design, product design, instrument & projection design; graphic design & photography; interactive/kinetic media explorations & installations; data/information visualization & pattern recognition research; writing. Prior to starting his own studio, Andrew practiced residential architecture as a designer and project manager in Minneapolis, MN in the offices of Yunker+Asmus Architects and M+A Architecture (2001-05). He has acted as designer on two finalist entries for MoMA's Young Architect Program while working in the offices of Ruy Klein Architects (2007) and su11 architecture+design (2008). Andrew was a project team member for Keller Easterling's Ordos Pavilion (2008). While at the office of Barkow Leibinger Architects, Andrew acted as initial project designer for the *Pavilion at Museum für Angewandte Kunst*, the subject of an exhibition *Der Pavillon – Lust und Polemik in der Architektu* at the Deutsches Architekturmuseum, Frankfurt am Main, Germany, 2009.

### Research and Design Focus

Andrew Lucia is a designer, artist and academic specializing in a computational approach to the analysis and production of data and form in relation to aesthetics and perception. His current research and work broadly examine applications of *Systems* and *Information Theory* in relation to aesthetics, order, and experience. Current research focuses on a reframing of material and space through an informational rather than a geometric priority with a specific focus on the structure of ambient light, material organization, surface, and the environments in which they are produced.

### Current Research and Design Projects (Select)

2016 ***Hull Rust and Hibbing Taconite Mine View Overlook.*** Concept Vision studies for a new series of buildings and landscape elements situated on top of the Susquehanna ore stockpile in Hibbing, MN.

2014-current ***Sympathy & Surface; in depth & difference.*** An exploration of evolving trends in architectural representation and the historic contexts from which they emanate, specifically focusing on the role of geometric and post-geometric systems of representation. Notably, this ongoing research has engaged the interrogation and historic construction of Louis Sullivan's final illustrated treatise, *A System of Architectural Ornament*.

2013-current ***The Affect of Information on the Formation of Bodies; a Theory.*** Comprised of past and ongoing research pertaining to the role of information within the formation of material, space & its perception.

2012-current ***A Catalog of Difference.*** Research focused on the structure of ambient light stemming from material organizations, surfaces, and the environments in which they are produced.

2011-current ***Sound & Image; studies in production & affect.*** Research pertaining to the production of sonic and light-based temporal affect through the study of 20<sup>th</sup> century music formalisms.

### Research Appointments

2011-2014 LabStudio, UPENN & Cornell University  
2008-2011 Associate Designer/Researcher, Sabin+Jones LabStudio, Institute for Medicine and Engineering and School of Design, Department of Architecture, University of Pennsylvania.  
2007-08 Graduate Research Associate, Nonlinear Systems Organization (NSO), UPENN, School of Design

### Academic Employment History

2015-current	Cass Gilbert Visiting Assistant Professor, School of Architecture, College of Design, University of Minnesota
2011-2015	Visiting Lecturer & Critic, Cornell University, College of Architecture, Art and Planning
2011	Instructor, University of Pennsylvania, School of Design, Graduate Dept. of Landscape Architecture
2008-2011	Instructor, University of Pennsylvania, School of Design, Graduate Dept. of Architecture
2006-2007	Design Studio Teaching Assistant, University of Pennsylvania, School of Design, Graduate Dept. of Architecture

### Courses Taught

2016, Fall	Special Topics in Vis Rep (Graduate); From Plane to Sphere, ARCH 5950, UMN, CDes, School of Architecture Graduate Design Studio I (co-inst. Gayla Lindt), ARCH 8251, UMN, CDes, School of Architecture
2016, Summer	Workshop: Invited Guest Instructor, Digital Workshop, PennParis Program, Paris, France; with final exhibition at the FRAC Centre, Orlean, France.
2016, Spring	Catalyst Workshop (co-inst. Michael Young); No Speed Limit, UMN, CDes, School of Architecture BDA Undergraduate Design Workshop; Depth & Difference, ARCH 3250, UMN, CDes, School of Architecture
2015, Fall	Special Topics (Undergraduate); Sympathy & Surface, ARCH 4250, UMN, CDes, School of Architecture Graduate Design Studio I (co-inst. Gayla Lindt), ARCH 8251, UMN, CDes, School of Architecture
2015, Summer	Workshop: Invited Guest Instructor, Digital Workshop, PennParis Program, Paris, France; with final exhibition at the FRAC Centre, Orlean, France.
2015, Spring	Option Studio (co-inst. John Zissovici), ARCH 5116, 4101/4102, 5101, Cornell, AAP Drawing II: Digital Media & the Constructed Environment, ARCH 1502, Cornell, AAP Thesis Advisor to Ryan Pedersen, Jacqueline Haines, Alvaro Alvarez, Karim Daw, ARCH 5902, Cornell, AAP Independent Study with Apexa Patel, ARCH 4609, Cornell, AAP
2014, Fall	Core Design Studio 3 (M ARCH, co-inst. Jenny Sabin), ARCH 5113, Cornell, AAP Seminar: Sympathy & Surface, ARCH 4509/6509, Cornell, AAP Independent Study with Apexa Patel, ARCH 4609, Cornell, AAP Thesis Advisor to Taylor Stolbert and Andres Gutierrez*, ARCH 5902/8912, Cornell, AAP (*1st Place Thesis)
2014, Spring	Option Studio (co-inst. John Zissovici), ARCH 5116, 4101/4102, 5101, Cornell, AAP Seminar: Sound & Image (co-inst. Taylan Cihan), ARCH 4509/6509, Cornell, AAP Drawing II: Digital Media & the Constructed Environment, ARCH 1502, Cornell, AAP Workshop: Invited Guest Instructor, Digital Workshop, Chulalongkorn University, Bangkok, Thailand Thesis Advisor to P. Lee, K. Wu, M. Ramirez, H. Wang, & N. Savvides. ARCH 5902/8912, Cornell, AAP
2013, Fall	Core Design Studio 3 (M ARCH, co-inst. Jenny Sabin), ARCH 5113, Cornell, AAP Thesis Advisor to Bradley Kinsey & Feng Lin, ARCH 5902, Cornell, AAP
2013, Spring	Drawing II: Digital Media & the Constructed Environment, ARCH 1502, Cornell, AAP Thesis Advisor to S. Xu*, J. Kim, M. Zoepfel, and R. Lin ARCH 5902/8912, Cornell, AAP (*1st Place Thesis)
2012, Fall	Core Design Studio 3 (M ARCH), ARCH 5113, Cornell, AAP Thesis Advisor to Noah Ives* & Ji Hyun Lee, ARCH 8912, Cornell, AAP (*1st Place Thesis Award)
2012, Spring	Drawing III: Digital Media in Architecture, ARCH 5902, Cornell, AAP Thesis Advisor to Patricia Echeverria Liras and Ian Janicki, ARCH 5902, Cornell, AAP Independent Study with Vinit Nikumbh, ARCH 4609, Cornell, AAP
2011, Fall	Seminar: Musical Effect & Formalism, ARCH 4509/6509, Cornell, AAP Independent Study with Sebastian Hernandez, ARCH 4609, Cornell, AAP
2011, spring	Topics in Digital Media, LARP 740, University of Pennsylvania, School of Design, Dept of Landscape Arch Visual Studies Seminar, ARCH 522, University of Pennsylvania, School of Design, Graduate Dept of Arch
2010, fall	Visual Studies Seminar, ARCH 621, University of Pennsylvania, School of Design, Graduate Dept of Arch
2010, spring	Visual Studies Seminar, ARCH 522, University of Pennsylvania, School of Design, Graduate Dept of Arch
2009, fall	Visual Studies Seminar, ARCH 621, University of Pennsylvania, School of Design, Graduate Dept of Arch
2009, spring	Visual Studies Seminar, ARCH 522, University of Pennsylvania, School of Design, Graduate Dept of Arch
2008, fall	Visual Studies Seminar, ARCH 521, University of Pennsylvania, School of Design, Graduate Dept of Arch

### Professional Employment History (Design works, projects, and research)

2008-current **ANDREW LUCIA Design & Research (ALDeR)**, Minneapolis, MN. Principal 2008-present.

• **Hull Rust and Hibbing Taconite Mine View Overlook.** Concept Vision studies for a new series of buildings and landscape elements situated on top of the Susquehanna ore stockpile in Hibbing, MN. With Iroha Ito and Rehn Hassell, 2016-17.

• **A Catalog of Difference**, exhibition of Cass Gilbert Fellowship Research, Goldstein Museum of Design, HGA Gallery, UMN, February – April, 2017.

• **Lux Sphaerae**, Finalist entry for the **Objects Competition, Secret Life of Buildings Symposium**. With Iroha Ito and Samuel Fletcher. SOA UT Austin, Sep. 2016.

• **Study on an Image of a Column, Ornament, and a Radiator**; Digital Etching. Collaboration with Giffen Ott. for the exhibition **TOO REAL**, Ridge Space, Oakland, CA, Sep. 2016.

• **Velocity Meadows, Five Dream Episodes** for solo oboe, chamber winds, electronics, & video. Composition by Christopher Stark with visuals by Andrew Lucia, 2015.

• **Portraits & Signatures**, 2014 (An exhibition in the study of image, material, authorship, and order) Hartell Gallery, Cornell University AAP, Sibley Hall. Andrew Lucia in collaboration with Taylan Cihan.

• **Professional Office Building/Dental Clinic**, Minnesota. 2011-2013. Project Lead/Designer. Office [4,200 ft<sup>2</sup>]. Rehn Hassel, Assoc. Architect (YA Architecture)

• **Biennale**, 2010-2013 (a modern opera). Premier: The Barnes Foundation, Phila, PA. October 4<sup>th</sup>, 2013. Art Direction and Visual Production, Andrew Lucia. Collaboration with Wendy Steiner, producer/librettist; Mary Birnbaum, director; Gary Wedow, Conductor; Paul Richards, composer; & Marie Rim, costumes.

• **Card I**, 2012-13 (instrument design)  
Andrew Lucia in collaboration with Taylan Cihan.

• **An**, 2012 (live visuals to accompany the world premier performance of *An*, Taylan Cihan, 2012)  
Taylan Cihan, Composer; Andrew Lucia, visuals; Chris Kim, Niccolo Athens, Amit Gilutz – conductors.

• **i don't recall [amarcord.2]**, 2012 (a multimedia collaboration exploring live visuals and sound)  
Visuals, Andrew Lucia. Collaboration with Taylan Cihan, Sound.

• **Traces on the Farther Side**, 2011 (real-time visualization for live or recorded performance of *A Flower on the farther side*) Computational design and co-direction, Andrew Lucia. 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. Oct., 2011.

• **Home Renovation/Addition**, Minnesota.  
Project Lead/Designer. Remodel/Addition [1,000 ft<sup>2</sup>]

• **Meander Variegating Architecture**; (a book) 2008-2010 [by Kolatan, F. & Sabin, J. (Bentley Press)]  
Cover and Graphic design by Andrew Lucia. [500 pages, color]

• **The Protection Papers; Borders, Boundaries, and Blockades in the Art of Dennis Oppenheim**, 2008  
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 Skins**  
Co-Author/Senior Personnel. 2010-2014.

• **Branching Morphogenesis** (an installation)  
Lead Design/Project Management  
-*Ars Electronica 2009 inaugural exhibition*. Ars Electronica. Linz, Austria. 2009-10.  
-*Sigraph Evolve 2008 Exhibition*. Los Angeles, CA. Aug, 2008.

• **Ground Substance** (an installation)  
Design/Project Management  
-*Fertile Ground exhibition*. Philadelphia, PA. Oct, 2009.  
-*Sigraph 2009 Generative Fabrication Galleries*. New Orleans, LA. Aug, 2009.

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- 2008                    **KELLER EASTERLING ARCHITECT**, New York  
• **Ordos, Mongolia Villa**, Ordos, Mongolia  
Project Team, 2008.
- 2008                    **su11 architecture+design**, New York  
• **Chromazon**, Queens, New York [**MOMA PS1 YAP Finalist**]  
Project Design Team, un-built 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, un-built 2007, New York
- 2007                    **RUY KLEIN ARCHITECTS**, New York  
• **Knot Garden**, Queens, New York [**MoMA PS1 YAP Finalist**]  
Project Lead Design, un-built 2007
- 2006                    **ARUP ENGINEERS ASSOC., ADVANCED GEOMETRY UNIT**, London  
• **AGU Artist's Space Exhibition** New York.  
**Hedge** by Cecil Balmond, AGU, and Jenny Sabin  
Project Management and assembly, Summer 2006.
- 2004-2005            **MARC ASMUS ARCHITECT**, Minneapolis, MN. Intern Architect  
• **Cameron Estate** West Palm Beach, Florida.  
Project Lead/Designer (All Phases) 2003-2008.  
Residence [7,700 ft<sup>2</sup>], Horse Stables [5,500 ft<sup>2</sup>], Groom's Quarters [2,700 ft<sup>2</sup>]  
  
• **Cunningham Residence** Flint Hill, Virginia.  
Project Lead/Designer (All Phases) 2004-2006.  
Residence [1,300 ft<sup>2</sup>], Guest House [1,000 ft<sup>2</sup>], Horse Stables [1,650 ft<sup>2</sup>]  
  
• **Lane Residence** Flint Hill, Virginia.  
Project Lead/Designer. 2004. Un-built. Residence [2,100 ft<sup>2</sup>]
- 2001-2004            **YUNKER+ASMUS ARCHITECTURE**, Minneapolis, MN. Intern Architect (Summary of major works)  
  
• **Swenson Residence** St. Paul, Minnesota.  
Design Development, Construction Documents. 2001-2003. Completed 2004.  
Remodel/Addition [3,000 ft<sup>2</sup>]  
  
• **Windsong Farms Golf Course** Orono, Minnesota.  
Construction Documents, Models. 2002-2004. Completed 2004.  
Club House [6,715 ft<sup>2</sup>], Grill [8,385 ft<sup>2</sup>], Pro Shop [2,310 ft<sup>2</sup>]  
  
• **MacDonald Residence Addition** Minneapolis, Minnesota.  
Design Documents, Construction Documents. 2002-2003. Completed 2003.  
Addition [600 ft<sup>2</sup>]  
  
• **Benz Residence** White Bear Lake, Minnesota.  
Construction Documents, Renderings, Models. 2001. Un-built.  
Residence [7,500 ft<sup>2</sup>]
- Projects Published:**
- 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 & Cihan. "**Portraits & Signatures**" in Associations, Vol. 7. Cornell University AAP, 2015
- 2014 Klein, Kate. "**see music, hear architecture; a fruitful collaboration**" *Portraits & Signatures* featured in Ezra Cornell's Quarterly Magazine, eureka; ideas and discoveries, Summer 2014.
- 2014 Lucia & Cihan. "**CardI**" in Associations, Vol. 6. Cornell University AAP, 2014
- 2013 Lucia & Cihan. "**An**" in Associations, Vol. 5. Cornell University AAP, 2013
- 2010 Kolatan, F. & Sabin, J. **Meander Variiegating Architecture.** Bentley Press, Exton, PA. 2010. Cover design, graphic design, and select works by Andrew Lucia.
- 2010 Lucia, A. **Form Between Matter.** Graduate thesis with Annette Fierro (advisor). Self-published. 2010.
- 2008 Lucia, A. Thesis project featured in Work 2007/2008. University of Pennsylvania School of Design, Dept of Architecture. p72, 2008.
- 2008 Lucia, A, Lake, Ruggles. "**Living Conditions**" Via: Occupation, PDSP/School of Design, University of Pennsylvania, Philadelphia, PA. pp 98-101, 2008.
- 2008 Lucia, A. "**Alpha 60**" Via: Occupation, PDSP/School of Design, University of Pennsylvania, Philadelphia, PA. pp 184-5, 2008.
- 2008 Levy, A. "**The Protection Papers; Borders, Boundaries, and Blockades in the Art of Dennis Oppenheim**" Via: Occupation, PDSP/School of Design, University of Pennsylvania, Philadelphia, PA. pp 60-65, 2008. Collaboration with Aaron Levy; temporal investigations/reconstructions and renderings by Andrew Lucia.

**Peer Reviewed/Juried Publications/Invited Book Chapters**

- 2016 (forthcoming) Lucia, A. "**Motility and the Observation of Change**" chapter in LabStudio: Design Research Between Architecture & Biology, by Sabin & Jones, Routledge/Taylor and Francis.
- 2016 Lucia, A. "**Between Categories; Sullivan's Parallelism**" in The Cornell Journal of Architecture; Spirits, Vol. 10. Actar, 2016.
- 2015 Lucia, A. "**Sympathy & Surface; in depth & difference**" Proceedings of the 103<sup>rd</sup> ACSA Conference, Toronto, CA, 2015.
- 2014 Lucia, A & Sabin J. "**Rethinking Xenakis and the Role of Information in the Immediate Production of Architectural Affects**" Proceedings of the Music in Architecture – Architecture in Music Symposium in CENTER, University of Texas at Austin, 2014.
- 2014 Sabin, Lucia, Ott & Wang. "**Prototyping Interactive Nonlinear Nano-to-Micro Scaled Material Properties and Effects at the Human Scale**" Proceedings of SimAud, Tampa, FL.
- 2013 Wang, Lucia, & Sabin. "**Simulating Nonlinear Nano-to-Micro Scaled Material Properties and Effects at the Architectural Scale**" Proceedings of SimAud, San Diego, CA, 2013.
- 2013 Lucia, Jones, & Sabin. "**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., Springer-Verlag, London, 2013. [expanded from original paper]
- 2011 Lucia, A et al. "**Memory, Difference, and Information: Generative Architectures Latent to Material & Perceptual Plasticity**" Proceedings of the 15th International Conference on Information Visualization, IEEE Computer Society. London. p. 379-388, 2011.
- 2010 Lucia, A et al. "**Pitch to Rhythm :: Rhythm to Pitch**" Leonardo Music Journal, MIT Press. December 2010, Vol. 20, Pages 97-97. Published Online 12 November 2010.  
[http://www.mitpressjournals.org/doi/abs/10.1162/LMJ\\_a\\_00025](http://www.mitpressjournals.org/doi/abs/10.1162/LMJ_a_00025)

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- 2009 Savig, Lucia, Tamby, Sabin and Jones. "**Architecture + Cell Biology: Computational Images of Dynamic Cell Systems**" in the Mellon Graduate Student Conference, Objects of Knowledge, Objects of Exchange, Harvard University, Cambridge, MA, USA. Apr 3-4, 2009.
- 2009 Klinger, Lucia, Sweeney, Sabin and Jones. "**Cellular Potts Modeling of Matrix-Dependent Endothelial Cell Networking**" Biophysical Society 53rd Annual Meeting, Abstract: Bacteria & Motile Cells: Mechanics, Motility, & Signal Transduction. 2009.
- 2008 Klinger, Lucia, Sweeney, Sabin & Jones. "**Mathematical Modeling of Matrix-Dependent Endothelial Cell Networking in 4-D**" American Society For Cell Biology Annual Meeting, Abstract: Bioinformatics/Biological Computing. 2008.

**Exhibitions & Performances: Self/Collaborative**

- 2016, Sept. **Study on an Image of a Column, Ornament, and a Radiator**; Digital Etching. Collaboration with Giffen Ott. for the exhibition **TOO REAL**, Ridge Space, Oakland, CA.
- 2014, Jan-Feb **Portraits & Signatures**, Hartell Gallery, Cornell University, Ithaca, NY.
- 2012, May **An**, live visuals to accompany the world premier performance of *An*. Cornell Symphony Orchestra, Bailey Hall, Cornell University, Ithaca, NY
- 2012, Feb **i don't recall [amarcord.1]**, a multimedia collaboration exploring live visuals and sound. Presented by the Cornell Department of Music & the Cornell Contemporary Chamber Players [CCCCP]
- 2011, Oct **Night Visions**, concert for viol quartet featuring *Traces on the Farther Side*, Picture Ray Studios, New York, NY.
- 2009, July-Sept **The Vitreous: of Eye and Optics**, juried exhibition featuring *Pitch to Rhythm :: Rhythm to Pitch*. Esther M. Klein Gallery. Philadelphia, PA.
- 2008, May **Bentley Showcase** featuring work of PennDesign Graduate students. University of Pennsylvania School of Design. Philadelphia, PA.
- 2008, April **Fiber**. Curated by Sabin, Beesley and Jones, featuring work by PennDesign, F.U.E.L. Collection, Phila, PA, USA.

**Projects Published, abridged: [Projects designed under employment, articles by others]**

- 2010-14 (Designed) **eSkin** [LabStudio] Senior Personnel and Researcher  
-Liat Clark. "**Growing shoes and furniture: a design-led biomaterial revolution**" Wired UK, August, 2013
- 2009 (Designed) **Ground Substance** [LabStudio] Design/Project Management  
-Sabin, Jones, Lucia, Fierro. The American Journal of Pathology, Vol. 176, No. 2, Feb. 2010.  
(**Ground Substance** featured on cover)
- 2008 (Designed) **Branching Morphogenesis** [Labstudio], Lead Design/Project Management  
-Brownell, Blaine & Swackhamer, Marc. **Hypernatural: Architecture's New Relationship with Nature**, Princeton Architectural Press, March 2015.  
- Berman, Ila & Burnham, Douglas. **Expanded Field: Installation Architecture Beyond Art**. Publisher: Applied Research & Design, April 2015.  
-Yelavich, Susan & Adams, Barbara. **Design as Future-Making**, Bloomsbury Publishing, New York, NY, November 2014.  
-**Architecture in Formation**, edited by Pablo Lorenzo-Eiroa and Aaron Sprecher, Routledge, 2013.  
-Picon, A. **Ornament: The Politics of Architecture and Subjectivity**. Wiley, 2013.  
-Dumiak, Michael. "**75,000 cable ties used to create 'lung art'.**" Wired UK, June, 2010.  
-Sabin, Jones, Lucia, Fierro. "Special Issue: 2009 International Science and Visualization Challenge." Science Magazine, Vol. 327, No. 5968, p. 1 [featured on cover] & p. 945, Feb. 19, 2010.  
-Peters, Terri. "**Jenny Sabin Draws Connections Among Computer Science, Architecture and Cellular Biology**" Mark Magazine "Portrait Section," No. 23, pp. 200-205, Nov/Dec. 2009.  
-"**Feature: Green Architecture**" A+U, Branching Morphogenesis featured in "Currents" section. No. 461, p. 8, Apr. 2009.

- Nikolovska, Lira. "**The Design + Computation Gallery at Siggraph 2008**"  
*Journal of Mathematics and the Arts*, Taylor & Francis, pp. 41-55, Mar. 2009.
- Abbott A. "**Science arts centre opens in a blaze of color: Gallery launches Linz as European City of Culture**" *Nature*, online Jan. 5, 2009. [www.nature.com/news/2009/090105/full/news.2009.0.html](http://www.nature.com/news/2009/090105/full/news.2009.0.html)
- "**Siggraph 2008 Electronic Art and Animation Catalog: Art & Design Galleries**"  
*Association for Computing Machinery, Inc.*, New York, NY, USA. 2008.
- 2008 (Designed) **Ordos, Mongolia Villa** [Keller Easterling Architect], Project Team  
-**10x10 3**. featuring Ordos Pavilion. Phaidon Press. 2009.
- 2007 (Designed) **Pavilion at Museum für Angewandte Kunst** [Barkow Leibinger Architect], Project Concept and Design  
-Cachola Schmal, P. **Der Pavillon – Lust und Polemik in der Architektur**. Featuring DAM-Pavilion, Frankfurt/Main, Germany. Hatje Cantz, Ostfildern & DAM, Frankfurt. 2009.
- Exhibitions: [Projects designed under employment]**
- 2013 **eSkin Prototype** [LabStudio] Design/Execution  
-**Naturalizing Architecture**. ArchiLab, Frac Centre. Orleans, France. Fall, 2013.  
-**En Vie-Alive exhibition**. Espace Fondation. Paris, France. Summer, 2013.  
-**ASCA exhibition**. San Francisco, CA. Spring, 2013.
- 2010 **Working Prototypes: Design, fabricate and test**, Nonlinear Systems Biology and Smart Geometry Design Cluster [LabStudio], Design Hub Barcelona (DHUB), Barcelona, Spain.
- 2009 (Designed) **Ground Substance** [LabStudio] Design/Project Management  
-**Fertile Ground exhibition**. Philadelphia, PA. Oct. 2009.  
-**Siggraph 2009 Generative Fabrication Galleries**. New Orleans, LA. Aug. 2009.
- 2008 (Designed) **Branching Morphogenesis** [LabStudio] Lead Design/ Project Management  
-**Processing; Collection**. A curated selection of Processing Software by Ben Fry and Casey Reas.  
Published online Oct. 2009. <http://www.processing.org/exhibition/>  
-**Ars Electronica 2009 inaugural exhibition**. Ars Electronica. Linz, Austria. 2009-10  
-**Siggraph Evolve 2008 Exhibition**. Los Angeles, CA. Aug. 2008.
- 2008 (Designed) **Ordos, Mongolia Villa** [Keller Easterling Architect] Project Team  
-**Thirteen New York Architects Design for Ordos**. Architecture League New York. New York, NY. 2008.
- 2008 (Designed) **Chromazon** [su11 architecture+design] Project Design Team  
-**YAP 10th Anniversary Review**, featuring *Chromazon* for YAP. P.S.1. MoMA. New York, NY. June-Oct. 2009.  
-**YAP Summer Program Showcase**, featuring *Chromazon* for YAP. MoMA. New York, NY. 2008.
- 2007 (Designed) **Pavilion at Museum für Angewandte Kunst** [Barkow Leibinger Architects] Project Concept and Design  
-**Der Pavillon – Lust und Polemik in der Architektur**. Deutsches Architekturmuseum, Frankfurt am Main, Germany. 2009, July-Sept.  
-SAM exhibition **Re-Sampling Ornament**, featuring *Pavilion at Museum für Angewandte Kunst*. On tour at Arkitektumuseet, Stockholm, Sweden. May-Aug 2009.  
-**an atlas of fabrication, barkow leibinger, berlin**, featuring *Pavilion at Museum für Angewandte Kunst*. Architectural Association School of Architecture, London. Feb 27-Mar 27, 2009.  
- **Re-Sampling Ornament**, featuring *Pavilion at Museum für Angewandte Kunst*. Swiss Architecture Museum, Basel, Switzerland. 2008-09.
- 2007 (Designed) **Knot Garden** [Ruy Klein Architects] Project Lead Design  
-**YAP 10th Anniversary Review**, featuring *Knot Garden* for YAP. P.S.1. MoMA. New York, NY. June-Oct, 2009.  
-**YAP Summer Program Showcase**, featuring *Knot Garden* for YAP. MoMA. New York, NY. 2007.
- Awards and Distinctions**
- 2016 *Lux Sphaerae*, Finalist entry for Objects Competition, Secret Life of Buildings Symposium. SOA UT Austin.
- 2014 Best Paper Award at SimAud2014, Tampa, FL.
- 2013 *Card I* awarded semi-finalist in the Margaret Guthman Musical Instrument Competition, Georgia Tech 2013
- 2010-2011 Artist in Residence, Breadboard Gallery and NextFab Studio, Philadelphia, PA [LabStudio]

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2010	First Prize in Illustration, 2009 Science/NSF International Science and Engineering Visualization Challenge, awarded to <i>Branching Morphogenesis</i> [Sabin+Jones LabStudio]
2008	Arthur Spayd Brooke Memorial Prize, Silver Medal. For distinguished work in architectural design
2007	First Place, E. Lewis Dales Memorial Traveling Fellowship
2007	Samuel K. Schneidman Fellowship awarded on the basis of demonstrated excellence
2007	James Smyth Warner Memorial Prize for highest record in required studio courses
2006	Melhorn Scholarship for outstanding work in the theory sequence
2006	Prowler Memorial Prize for outstanding record in sustainable design
1997-2001	Dean's List, University of Minnesota

**Scholarly Service**

2017	Coordinator, <b>Architecture as Catalyst 2017; <i>Difference</i></b> , School of Architecture, CDes, UMN
2016	Cocoordinator, <b>Fall UMN Architecture Lecture Series</b> ; w/ Prof. Kristine Mun
2016	Coordinator, <b>Architecture as Catalyst 2016; <i>Representing Systems</i></b> , CDes, School of Architecture, UMN
2015-current	Coordinator, <b>Digital Assistant Program</b> , College of Design, UMN
2015-current	Liaison to the <b>Academic Technology Committee</b> , CDes, School of Architecture, UMN
2014	Invited juror/reviewer, <b>Cornell Council for the Arts</b> grant awards.
2013	Invited juror/reviewer, <b>Cornell Council for the Arts</b> grant awards.
2013	<b>Ellen Fullman Artist Residency</b> , liaison and co-coordinator, Cornell AAP.
2012	Invited peer reviewer, 16th International Conference on Information Visualization, IEEE Computer Society.
2011	Invited peer reviewer, 15th International Conference on Information Visualization, IEEE Computer Society.
Mar, 2010	Tutor, <b>Smart Geometry Workshop</b> Barcelona 2010. Cluster: <i>Nonlinear Systems Biology</i> [LabStudio]
2009	Extramural advisor to Joel Ong, Masters of Science (Biological Art) candidate at <b>SymbioticA</b> , the University of Western Australia, School of Anatomy and Human Biology.

**Grants Awarded**

2015	<b>"A Taxonomy of Structural Curvature &amp; Light Signatures."</b> Funded by the School of Architecture SEED Grant, U of MN [\$9000], 2015-16.
2015	<b>"Using Spatially Varying Reflectance Information in Architectural Material Selection,"</b> Gary Meyer (PI), Andrew Lucia (co-PI). Funded by the DDC, U of MN [\$20,470.11], 2015-16.
2011	<b>Mellon Grant</b> for <i>Biennale</i> , Wendy Steiner (PI & author of Libretto) and Paul Richards (Composer) [\$45,000] [Andrew Lucia Design and Research; lead design of visual production].
2010	<b>EFRI-SEED: Energy Minimization via Multi-Scalar Architectures: From Cell Contractility to Sensing Materials to Adaptive Building Skins.</b> 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].

**Lectures & Paper Presentations**

June, 2015 & 2016	Invited Lecture. "Sound & Image; Studies in Production and Affect." PennParis 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 <i>The Articulate Object</i> paper session led by Michael Young, <b>103<sup>rd</sup> ACSA</b> , Toronto, Canada.
October, 2013	Invited Lecture. "Seeing and the Constructed Image." New Jersey Institute of Technology.
March, 2013	Invited Lecture. "Information or Geometry?" <b>rumin(ATE) Series</b> , Cornell University.
Oct, 2011	Paper Presentation. "Rethinking Xenakis and the Role of <i>Information</i> in the Immediate Production of Architectural Affects," <b>Music in Architecture–Architecture in Music Symposium</b> , Univ. of Texas, Austin.
July, 2011	Paper Presentation. "Memory, Difference, and Information: Generative Architectures Latent to Material & Perceptual Plasticity," <b>15th International Conference on Information Visualization</b> , IEEE Computer Society. London.
July, 2010	Lecture. "Scale-free Analysis of Dynamic Data Sets: Difference, Uncertainty and Perception," joint lecture by Sabin+Jones and Lucia for <b>The Wharton Advanced Management Program</b> , University of Pennsylvania.
Feb, 2010	Public Lecture. "Nonlinear Systems and Design," joint lecture by Sabin+Jones and Lucia for <b>The Wharton Interactive Media Initiative (Penn Interactive Media Colloquium)</b> , University of Pennsylvania.