CURRICULUM VITAE

David Lee

Associate Professor
School of Architecture
3-102 Lee Hall
Clemson University
Clemson, South Carolina 29634-0503

EDUCATION

Master of Architecture, Columbia University, 2003

Bachelor of Architecture, University of North Carolina at Charlotte, 2002

Bachelor of Arts in Architecture, University of North Carolina at Charlotte, 2000

ACADEMIC EXPERIENCE

Associate Professor, Clemson University, Tenured	2016 – *present*
Assistant Professor, Clemson University,	2009 – 2016
Co-director, Charles E. Daniel Center, Genoa, Italy	*Fall 2014*
Founder and Director, Clemson NYC	
summer design program, New York, NY	*2010 – 2014*
Lecturer, Clemson University,	2005-2009
Adjunct Assistant Professor, University of North Carolina at Charlotte, *Fall 2005*	
Lecturer, University of North Carolina at Charlotte,	2004-2005

PROFESSIONAL EXPERIENCE

Loci Architecture PC, New York, New York, 2006-2009

SUBDV, New York, New York, 2004

NOX Architekten, Rotterdam, The Netherlands, 2003-2004

Stephen W. Tullock, AIA, Charlotte, North Carolina, 2000

AdamsHennon Architecture, Mooresville, North Carolina, 1997

PROFESSIONAL MEMBERSHIPS

Association for Collegiate Schools of Architecture (2004-)

Association for Computer Aided Design in Architecture (2011-)

Architecture Research Centers Consortium (2013-)

PUBLICATIONS

Refereed Journal Publications

Published

International

1. Lee, David, 2013. "Living Surfaces: A Kinematic Study of Freeform Origami" in *Autonomous Entities. International Journal of Interior Architecture and Spatial Design*. Edited by Meg Jackson and Jonathon Anderson, p128-133. ASD, New York, NY.
ISBN: 978-0-988-76430-9

Conference Proceedings (Full Reviewed)

Published

International

1. Lee, David, 2018. "Embedding Haptic Feedback in Immersive Virtual Environments", In *Virtual + Actual: Process and Product of Design Proceedings of the 2014 Design Communication Association (DCA). . *Ed; So-yeon Yoon and M. Saleh Uddin. Cornell University. Ithaca, New York. *(Forthcoming October 2018)*

2. Lee, David, 2018. "Implementation of Synchronous Collaborative Design in Immersive Virtual Environments". In *S.ARCH:* The 5th International

Conference on Architecture and Built Environment. Edited by Marina Stosic. Venice, Italy. *(Forthcoming May 2018)*

3.   Lee, David and Rocco Luca, 2016. "Una Piazza Per Tutti". In *Caring For Our Modern Home.* The 53rd International Making Cities Livable Conference. Edited by Suzanne H. Crowhurst Lennard. Rome, Italy.

4.   Lee, David, 2014. "Latent Form: Emergent Behavior". In *What's The Matter: Materiality and Materialism at the Age of Computation*, Proceedings of the European Network of Heads of Schools of Architecture (ENHSA), co EAAE, COAC. Edited by Maria Voyatzaki. p287-296. Barcelona, Spain.
ISBN: 978-960-89320-6-7

5.   Lee, David, 2014. "Computation and Composition". In *Design and Graphic Palimpsest: [Dialogue-Discourse-Discussion]: Proceedings of the 2014 Design Communication Association (DCA).* Edited by M. Saleh Uddin, and Christopher Welty, p89-97. Marietta, Georgia: Southern Polytechnic State University.
ISBN: 978-1-4951-2763-2

6.   Lee, David, 2013. "Non-Uniform Responsive Origami Structures", In *Proceedings of the 2013 Architecture Research Centers Consortium Conference: The Visibility of Research*, Ed; Chris Jarrett, Kyoung-Hee Kim, Nick Senske. University of North Carolina at Charlotte, North Carolina.
ISBN: 978-0-615-78533-2

National

1.   Lee, David, 2018. "Design Instrumentation in an Immersive Virtual Environment", In *TIME: The 34th National Conference on the Beginning Design Student.* Ed; Samantha Krukowski and Melanie Swick. University of Cincinnati. Cincinnati, Ohio.

2.   Lee, David, 2016. "Topological Tactics", In *1:1: The 32nd National Conference on the Beginning Design Student.* Ed; Jeff Ponitz, Clare Olsen, Carmen Trudell, p155-160. California Polytechnic University. San Luis Obispo, California.

3.   Lee, David, 2015. "Smartphones as Drawing and Modeling Tools", In *Engaging Media: The 31st National Conference on the Beginning Design Student.* Ed; Meg Jackson. p308-313. University of Houston. Houston, Texas.
ISBN: 978-0-9960541-2-6

4.   Lee, David, 2014. "Creative Inquiry: A case for specialized research as foundation of the undergraduate architecture curriculum" In *Globalizing*

Architecture: Flows and Disruptions: The Association of Collegiate Schools of Architecture 102ⁿᵈ annual meeting Proceedings. Ed: John Stuart and Mabel Wilson, p831-837. ACSA Press, Miami, Florida.
ISBN: 978-0-935502-86-2

5.   Lee, David, 2014. "Cinematic Architecture" In *MATERIALITY: Essence and Substance, The Proceedings of the 30ᵗʰ National Conference on the Beginning Design Student*. Edited by Leslie Johnson and Catherine Wetzel, p474-480. Adams Press, Chicago, Illinois.
ISBN: 978-0-615-99335-5

6.   Lee, David, 2013. "Demystifying Computational Processes for the Beginning Design Student". *In ACTIONS: Making of Place: The Proceedings of the 29ᵗʰ National Conference on the Beginning Design Student.* Ed; Eric Oskey, Dennis Playdon, Lorena Alvarez, p313-318. Philadelphia, PA: Temple University.

7.   Lee, David, 2012. "Computational Design Methods". *In Association of Collegiate Schools of Architecture 100ᵗʰ Proceedings: Digital Aptitudes.* Ed: Mark Goulthorpe and Amy Murphy, p170-177. ACSA Press, Cambridge, Massachusetts.
ISBN: 978-0-935502-81-7

Regional

8.   Lee, David, 2011. "Meta-Zoning Logistics". In *ACADIA Regional 2011: Parametricism SPC. Proceedings of the Association for Computer Aided Design in Architecture Regional Conference.* Edited by Tim Hemsath, Steven Hardy and Jangwhan Cheon. p25-30. ACADIA, Lincoln, Nebraska.
ISBN: 978-0-615-47969-9

9.   Lee, David, 2011. "Digital Origami: Modeling planar folding structures". In *ACADIA Regional 2011: Parametricism SPC. Proceedings of the Association for Computer Aided Design in Architecture Regional Conference.* Edited by Tim Hemsath, Steven Hardy and Jangwhan Cheon. p123-130. ACADIA, Lincoln, Nebraska.
ISBN: 978-0-615-47969-9

Conference Proceedings - Posters (Full Reviewed)

Published

International

1. Lee, David, 2013, "Self-Organizing Origami Structures" in *ACADIA 2013: Adaptive Architecture. Proceedings of the 33rd Annual Conference of the Association for Computer Aided Design in Architecture.* Edited by Philip Beesley, Omar Khan, and Michael Stacey. p421-422. Riverside Architectural Press, Waterloo, ON, Canada.
ISBN: 978-1-926724-22-5

2. Lee, David, 2013. Hutcherson, D., Mountcastle, A., "Animated Curved Folding" in *ACADIA 2013: Adaptive Architecture. Proceedings of the 33rd Annual Conference of the Association for Computer Aided Design in Architecture.* Edited by Philip Beesley, Omar Khan, and Michael Stacey. p413-414. Riverside Architectural Press, Waterloo, ON, Canada.
ISBN: 978-1-926724-22-5

3. Lee, David, 2013. "On the Visibility of Computation in the Design Studio", In *Proceedings of the 2013 Architecture Research Centers Consortium Conference: The Visibility of Research*, Ed; Chris Jarrett, Kyoung-Hee Kim, Nick Senske, p732. University of North Carolina at Charlotte, North Carolina.
ISBN: 978-0-615-78533-2

National

4. Lee, David, 2013. "Responsive Origami", Association of Collegiate Schools of Architecture 101st Proceedings: New Constellations / New Ecologies, Ed: Ila Berman and Edward Mitchell p58-59. California College of the Arts, San Francisco, CA.
ISBN: 978-0-935502-84-8

Proceedings - Posters (non-referreed)

Published

1. Lee, David; Bell, Eric; Danahy, Patrick. 'The Machined Shoe: 3D Printing Interface for Customized Shoe Design', 11th annual Focus on Creative Inquiry forum. Edited by Alice Brawley, Tullen Burns, Robbie Fitzwater, and Gaurav Marmat. Calhoun Honors College, Clemson University, 2017.

2. Lee, David; Almada, Alvaro; Bell, Eric; Bazzani, Diego; Ramsey, Andrew; Roberts, Caleb. '3D Printed Buildings', 10th annual Focus on Creative Inquiry

forum. Edited by Alice Brawley, Tullen Burns, Robbie Fitzwater, and Gaurav Marmat. Calhoun Honors College, Clemson University, 2016.

3. Lee, David; Javed, Arif; Smentek, Brett. 'Lightweight Responsive Façade Prototype', 9th annual Focus on Creative Inquiry forum. Edited by Alice Brawley, Tullen Burns, Robbie Fitzwater, and Gaurav Marmat, p32. Calhoun Honors College, Clemson University, 2014.

4. Lee, David; Javed, Arif; Smentek, Brett. 'Structural Optimization Using FEA Tools', 9th annual Focus on Creative Inquiry forum. Edited by Alice Brawley, Tullen Burns, Robbie Fitzwater, and Gaurav Marmat, p45. Calhoun Honors College, Clemson University, 2014.

5. Lee, David; Perkinson, Dylan; Schulte, Emily; Stone, David. 'Responsive Origami Structures'. 8th annual Focus on Creative Inquiry forum. Edited by Dana Irvin, Allison Wallace, Dan Jenkins, and Tullen Burns, p45. Calhoun Honors College, Clemson University, 2013.

6. Lee, David; Colquhoun, Ashley; Mabe, Samantha; Newberry, Joy. 'Visualizing Curricula'. 7th annual Focus on Creative Inquiry forum. Edited by Dana Irvin, Allison Wallace, Dan Jenkins, and Tullen Burns, p131. Calhoun Honors College, Clemson University, 2012.

7. Lee, David and Newbold, Mitch. 'Advanced Architectural Geometry: Subdivision Surfaces'. 6th annual Focus on Creative Inquiry forum. Edited by Dana Irvin, Samuel Aldridge, Grace Ammons, and Tullen Burns, p39. Calhoun Honors College, Clemson University, 2011.

Unpublished Material

Papers

(Submitted to International conferences + Publications)

1. Lee, David, 2013. "A Sustainable Transient Architecture".
   Submitted to The Association for Computer Aided Architectural Design Research in Asia (CAADRIA) International conference titled: Rethinking Comprehensive Design: Speculative Counterculture, Kyoto, Japan.

2. Lee David, 2013. *Theme Proposal for JAE 68:2* "Travel: The State of Off-Campus Education". Submitted to The Journal of Architectural Education (JAE).

3. Lee, David, Sallie Hambright-Belue, and Rob Silance, 2013. *Conference host proposal* themed: "Telling the Tale: The Story of Design. Submitted to The

National Conference on the Beginning Design Student.

4. Lee, David, "Self-Organizing Origami Structures", 2012. Submitted to The Association for Computer Aided Design in Architecture International Conference titled: Adaptive Architecture, Waterloo University, Ontario, Canada.

5. Lee, David, 2012. "Simulating Form-Active Structures Using Dynamic Computational Methods". Submitted to The Association for Computer Aided Design in Architecture International Conference titled: Synthetic Digital Ecologies. California College of the Arts, San Francisco, California.

6. Lee, David, Harding, D., 2011. "define:Re:define the UNIT: A model for distance learning environments". Submitted to the Association of Collegiate Schools of Architecture 99th Annual meeting titled: Where do You Stand. McGill University, Montreal, Quebec, Canada.

7. Lee, David, 2010. "A Real-Time, Grasshopper-Based Interface for Teaching Computational Design in Architecture" Submitted for publication as book chapter in Computational Design Methods and Technologies: Applications in CAD, CAM and CAE Education. Edited by Ning Gu and Xiangyu Wang, IGI Global. ISBN 9781613501801

8. Lee, David, 2010. "Unveiling: Visualizing Associative Modeling Processes". Submitted to The Association for Computer Aided Design in Architecture International Conference titled: Life: In-Formation. Cooper Union, New York, NY.

9. Lee, David, 2010. "DIM: Design Information Modeling". Submitted to FABRICATE International conference on Digital Fabrication , Bartlett School of Architecture, London, UK.

10. Lee, David, 2009. "3D Pattern Environments Using Volumetric Proxies". Submitted to Education and Research in Computer Aided Architectural Design in Europe (eCAADe) conference titled: Computation: The New Realm of Architectural Design. Istanbul Technical University, Istanbul, Turkey.

11. Lee, David, 2006. "Twisting the Separatrix". Submitted to The Association for Computer Aided Design in Architecture International Conference titled: Synthetic Landscapes. University of Kentucky, Louisville, Kentucky.

(Submitted to National conferences + Publications)

12. Lee, David, "Beginning Design Programs and Curricula", 2008.
    Submitted to The 24th Annual National Conference on the Beginning Design

Student, Georgia Institute of Technology, Atlanta, Georgia.

(Submitted to <u>Regional</u> conferences + Publications)

13. Lee, David, 2011. "Responsive Building Envelopes" Submitted to t*he Association for Computer Aided Design in Architecture Regional Conference titled: <u>Parametricism SPC</u>*. University of Nebraska, Lincoln, Nebraska.

Internal Publications

14. Lee, David and Mocko G.M., "Lightweight, Transformable Kinetic Origami Shape Memory Alloy Actuated Structures", University Research Grant Committee, 2013.

Posters

(Submitted to <u>International</u> conferences)

1. Lee, David; Javed, Arif; Smentek, Brett. (2014), "Integrated Design Process: Tubular Bridge Structural Optimization Using Finite Element Methods", Submitted to the Association for Computer Aided Design in Architecture 2014 Annual Conference: Design Agency, (University of Southern California) Los Angeles, CA.

2. Lee, David; Nelson, Carey; Tang, Sikai; Wu, Longyuan. (2014), "Carbon Fiber Mold Refinement for Nonstandard Structural Meshes", Submitted to the Association for Computer Aided Design in Architecture 2014 Annual Conference: Design Agency, (University of Southern California) Los Angeles, CA.

3. Lee, David; Galloway, Andrew; Aguila, Carlos Gonzalez; Li, Jing. (2014), "Composite Adaptable Module Housing", Submitted to the Association for Computer Aided Design in Architecture 2014 Annual Conference: Design Agency, (University of Southern California) Los Angeles, CA.

4. Lee, David; Zapata, Ian; Smith, Kyle; Zeng, Jiawei. (2014), "Exposure mitigation using ray tracing in early stage building envelope design", Submitted to the Association for Computer Aided Design in Architecture 2014 Annual Conference: Design Agency, (University of Southern California) Los Angeles, CA.

5. Lee, David; Hamidpour, Maryam; Mccarthey, Alyx; Keesee, Tim. (2014), "ColorFlect: Solar Reactive Panel System", Submitted to the Association for Computer Aided Design in Architecture 2014 Annual Conference: Design

Agency, (University of Southern California) Los Angeles, CA.

6. Collins, N.A., Gulden, B.W., Roberts, M.M., Lee, David, "Structural Tessellated Formwork", 2013. Submitted to the Association for Computer Aided Design in Architecture 2013 Annual Conference: Adaptive Architecture, Waterloo, ON, Canada.

7. Kim, M.J., Little, E.M., Lee David, "Thermally Actuated Architecture", 2013. Submitted to the Association for Computer Aided Design in Architecture 2013 Annual Conference: Adaptive Architecture, Waterloo, ON, Canada.

8. Sharpe, B.T., Roark, S.A., Lee, David, "Responsive Ribbons", 2013. Submitted to the Association for Computer Aided Design in Architecture 2013 Annual Conference: Adaptive Architecture, Waterloo, ON, Canada.

Books

Published material in books:
  Chapters, Essays, and Design.

  Matthew Hoffman and Francesca Giuliani-Hoffman. *Dear Architecture*. p58-59, Blackspace Publishing, 2015.
  ISBN: 978-0-9903664-4-7
  Competition entry featured in publication.

  Criss Mills. *Designing with Models, A Studio Guide to Architectural Process, 3rd ed,* Wiley, 2011.
  ISBN: 978-0-470-49885-9
  I produced select diagrams and text relating to descriptions of digital fabrication equipment and digital modeling software.

  South Volume 2: One:one. Erdman, Jori and Robbie Eleazer. Clemson University School of Architecture Research + Design Center. Clemson, 2008.
  New Orleans Design-Build project featured from 2007 ARCH2520 design studio I taught .

  Models: Architecture and the Miniature, Mark Morris, Academy Press, 2006.
  ISBN: 9-780470-015926
  Images of architectural design models I produced are featured in book.

  Shrinkage, The Shahneshin Foundation, Zurich, Switzerland, 2004.
  Competition entry featured in publication.

<u>Periodicals</u>

Boggs, Betsy "Think Smarter, Not Faster" <u>Decipher: A Creative Inquiry Magazine</u>, Volume 4. Clemson University Office of Undergraduate Studies. Clemson South Carolina, 2015.

INVITED LECTURES / PRESENTATIONS / PANELS

2018 Best Diploma Project Jury
University of North Carolina at Charlotte
Charlotte, NC, 2018.

Kinematic Structures
University of North Carolina at Charlotte
Charlotte, NC, 2013.

Parametric Architecture
American Institute of Architects, South Carolina Annual Conference
Columbia, SC, 2011.

Advanced Architectural Geometry
Buro-Happold, 'Grasshopper Cloud', Invited presentation,
New York, NY, 2009

Subdivision Surfaces
Pratt School of Architecture
Brooklyn, NY, 2007

Learning to Fly
University of North Carolina at Charlotte
Charlotte, NC, 2006.

The Separatrix
University of North Carolina at Charlotte, Young Alumni Award Lecture
Charlotte, NC 2004.

COMPETITIONS + EXHIBITIONS

Completed

Urban Forest. Future of Shade: Sunbrella International Design Competition, NewYork,NY. 2017.

Dear Architecture,. Blankspace International Architecture Competition, New York,NY. 2015.

G-mold. TEX-FAB Plasticity: International Digital Design to Fabrication Competition, Houston,TX. 2014.

The Flock. TEX-FAB Applied: International Digital Design to Fabrication Competition, Arlington,TX. 2013.

Material Intelligence. AIA Greenville Architecture Month Invited Exhibit, Greenville, SC, 2012

n-Hedro. TEX-FAB. International Digital Design to Fabrication Competition. Houston,TX. 2012.

F[r]AME. Invited Exhibit, Artistry studios, Greenville, SC, 2011.

Privacy Screen. Clemson School of Architecture. April, 2011.

Directrix. TEX-FAB Skin: International Digital Design to Fabrication Competition, Houston,TX. 2011.

Lack Hack. Gowanus Community Arts Festival, Brooklyn, NY, Invited Exhibit, 2010.

Lack Hack. West Greenville Arts Festival, Greenville, SC, Invited Exhibit, 2010.

Unveiling. AIA Greenville Architecture Month Invited Exhibit, Greenville, SC, 2010.

AWARDS

Accepted

Clemson Creativity Professorship, 2018-2020.
     Two-year appointment awarded May 2018.

Clemson Service Award, 10 years of teaching service at Clemson University, 2015

Difference Maker Award, Clemson Division of Student Affairs, 2012

Difference Maker Award, Clemson Division of Student Affairs, 2010

Nominations

Lee, David. Clemson School of Architecture <u>Robert Mills Professorship</u>, 2015.

Lee, David and Daniel Harding, 2011. <u>Creative Teaching Award</u> Association of Collegiate Schools of Architecture (ACSA).

Students' Awards and Nominations

ARCH 3510 / 8520 'Untitled Studio'. Students Williams Marshall and Cody Blevins awarded in International Student Design Competition *Lyceum Fellowship.*

Lee, David. AIA/SC 2010 Fall Conference titled <u>Sustainable Planet, Sustainable Profit: Synergy by Design.</u> Students participating in ARCH 890 (currently listed as ARCH 8120) nominated for SC Student Project Award.

SPONSORED RESEARCH

Current research proposals

Year 2018

Brygg Ulmer, Larry Hodges, Miriam Konkel, Todd Marek, Andrew Robb et al., "ENODIA", Major Research Initiative (MRI) grant proposal for equipment. Proposal from multiple organizations. My role is senior Investigator for the project. Collaborative. Funding request $1,964,707

Sez Atamturktur, Kostya, Luzinov, Sanders et al, "Development of Superporous ceramics for Moisture Mitigation in Building Envelopes", NSF grant proposal. My role is as advisory board member for the project. Funding request $394,664

Funded proposals

Year 2018

Lee, David, "Computational Design Group: Immersive Virtual Environments", Clemson Creative Inquiry Program. $1,500

Lee, David, "Fluid Studio", Clemson Architectural Foundation. Funding to support student travel. $4,000.

Year 2017

Lee, David, "Computational Design Group: Immersive Virtual Environments", Clemson Creative Inquiry Program. $3,000

Lee, David, "Computational Design Group: Immersive Virtual Environments", Clemson Creative Inquiry Program. Funding to support student travel. $750

Year 2016

Lee, David, "Critical Design Thinking", Clemson Thinks2 Faculty Institute. $2,500.

Lee, David, "Computational Design Group: Direct Digital Manufacturing", Clemson Creative Inquiry Program. $1,400 summer student research stipend
        Student: Eric Bell.

Lee, David, "Computational Design Group: Direct Digital Manufacturing", Clemson Creative Inquiry Program. $1,325.

Lee, David, "Computational Design Group: Direct Digital Manufacturing", Clemson Creative Inquiry Program Student Travel Grant. $425.

Year 2015

Lee, David, "NYC Summer Design Studio", Clemson Architectural Foundation. $4,000.

Lee, David, "Computational Design Group: Parametric Design Research", Clemson Creative Inquiry Program. $1,325.

Lee, David, "Critical Design Thinking", Clemson Thinks2 Faculty Institute. $2,500.

Year 2014

Lee, David, "NYC Summer Design Studio", Clemson Architectural Foundation. $4,000.

Lee, David, "Visualization Framework for Ubiquitous Networks", Faculty Research Development Program, $3,000.

Lee, David, "Computational Design Group: Carbon Fiber Laminate Structures", Clemson Creative Inquiry Program. $1,200.

Year 2013

Lee, David and Mocko G.M., "Lightweight, Transformable Kinetic Origami Shape Memory Alloy Actuated Structures", University Research Grant Committee, **Principal Investigator**, $10,000.

Lee, David, "Computational Design Group: Curved Folding", Clemson Creative Inquiry Program. $4,000.

Lee, David, "Summer Design Studio in New York City", Clemson Architectural Foundation, $1,000.

Year 2012

Lee, D., Harding, D., "Define[Re:]Define the Unit", Carolina Ceramics for Assistantship, **Co-Investigator**, $10,000.

Lee, David, "Computational Design Group: Material Intelligence", Clemson Creative Inquiry Program, $1,974 summer student research stipend
　　　Student: Alex Darsinos.

Lee, David, "Computational Design Group: Visualizing Curricula", Clemson Creative Inquiry Program. $2,000.

Year 2011

Lee, D., Harding, D., "Define[Re:]Define the Unit", Carolina Ceramics for Assistantship, **Co-Investigator**, $10,000.

Lee, David, "Lee Hall Administrative Privacy Screen", Clemson Architectural Foundation, $1,000.

Lee, David, "Brick Manufacturing Processes", Brick Association of America, $1,000.

Lee, David, "Computational Design Group: F[r]ame", Clemson Creative Inquiry Program. $1,500.

Year 2010

Lee, David, "Computational Design Group: Parametrics", Clemson Creative Inquiry Program. $1,000.

Lee, David, "Brick Manufacturing Processes", Brick Association of America, $1,000.

Year 2009

Lee, David, "Brick Manufacturing Processes", Brick Association of America, $1,000.

Year 2008

Lee, David, "Brick Manufacturing Processes", Brick Association of America, $3,000.

Year 2007

Lee, David, "Brick Manufacturing Processes", Brick Association of America, $3,000.

Unfunded research

Year 2013

 Lee, David, "NCARB Grant: Developing a Mentorship Program for Immersive Urban Off-Campus Studies", National Council of Architectural Registration Boards, $37,405.

 Lee, David, "Research: ART WORKS: Real-time evaluation of Art's Social Impact", National Endowment for the Arts, $30,000

 Lee, David, "Collaborative Teaching/Learning for Architecture and Building Construction", Architecture and Construction Alliance, $10,000.
 Lee, David. "Clemson University Innovative Summer Programs Proposal", $24,694.

Year 2012

 Lee, David. (2011-2012) "iTunesU: Conversion of analog and digital recordings from Clemson Gunnin Architecture Library to iTunesU format.

Year 2010

 Lee, David. "Digital Fabrication Equipment" Citizen's and Scholars, $10,000

COURSES OF INSTRUCTION

2017-2018

    Undergraduate
ARCH 2510 Arch. Foundations I
ARCH 3510 Studio Clemson

    Computational Design Group - Creative Inquiry
ARCH 4990 CI - Immersive Virtual Environments
ARCH 6990 CI - Immersive Virtual Environments

    Graduate
ARCH 8120 Computational Design Methods
ARCH 8520 Design Studio IV

Previous

ARCH 1510 Arch Communication
ARCH 1510D Digital technology
ARCH 2510 Arch. Foundations I
ARCH 2510D Digital technology
ARCH 2520 Arch. Foundations II

ARCH 2520D	Digital technology
ARCH 3510	*New York City Summer design studio*
ARCH 3530	CAC.G Genoa, Italy Design Studio
ARCH 4160	CAC.G Genoa, Italy Field Studies
ARCH 4900	Departmental honors thesis
ARCH 4990	Computational Design Group Creative Inquiry
ARCH 8100	Visualization I
ARCH 8500	*New York City Summer design studio*
ARCH 8720	Materials and Assemblies
ARCH 8730	Environmental Systems
ARCH 8890	Internship//Mentorship *[NYC summer program]*
ARCH 8900	Directed Study in Computational Design
ARCH 8790	Directed Study in Digital Design Techniques

SERVICE *[external]*

Year 2018

Session Moderator, 34th National Conference on the Beginning Design Student, Cincinnati, Ohio 2018.

Editor, International Journal of Interior Architecture and Spatial Design

Year 2017

Editor, International Journal of Interior Architecture and Spatial Design

Year 2016

Editor, International Journal of Interior Architecture and Spatial Design

Year 2015

Presentation and participation in design charette for Mathematics class. West Oak Middle School, Oconee County School District.

Editor, International Journal of Interior Architecture and Spatial Design, V:4 Material Vocabularies, University of Houston, 2015

Session Moderator, 31st National Conference on the Beginning Design Student, Houston, TX 2015.

Peer Reviewer, 31st National Conference on the Beginning Design Student, Houston, TX 2015.

Juror, Masonry Design Competition, Glenn Department of Civil Engineering, Clemson, 2015. Invited by Sez Atamturktur, CU-Ideas Rsearch Group.

Year 2014

Session Moderator, What's The Matter: Materiality and Materialism in the Age of Computation. ENHSA: European Netowork of Heads of Schools of Architecture, Barcelona, Spain 2014.

Peer Reviewer, <u>Footprint, Issue #14 Asignifying Semitotics: Or How to Paint Pink on Pink.</u> Delft, Netherlands, 2014.

Editor, <u>International Journal of Interior Architecture and Spatial Design, V:3 Applied Geometries</u>, University of Houston, 2015

Session Moderator, <u>30th National Conference on the Beginning Design Student</u>, Chicago, Il 2013-14.

Book Proposal Reviewer, Routledge Publishing. 2014.

Year 2013
Peer Reviewer, <u>30th National Conference on the Beginning Design Student</u>, Chicago, Il 2013-14.

Editor<u>, International Journal of Interior Architecture and Spatial Design, V:2 Corporeal Complexities,</u> University of Houston, 2014
ISBN: 0988764326

Book Proposal Reviewer, Routledge Publishing. 2013.

Year 2012
Editor, <u>International Journal of Interior Architecture and Spatial Design V:1 Autonomous Identities,</u> University of Houston, 2013
ISBN: 098876430

Volunteer, AIA Greenville Architecture Month

Juror, Greenville Arts Photography Contest

Year 2011
Peer Reviewer, <u>Association of Collegiate Schools of Architecture, 100th annual conference: Digital Aptitudes.</u>

Association of Collegiate Schools of Architecture, Performative Practices Teacher's Seminar. New York, NY

Volunteer, AIA Greenville Architecture Month

Year 2010
Volunteer, AIA Greenville Architecture Month

Year 2009
St. Paul's School, Spartanburg, SC
Design for new façade system and update of building interior.

Year 2008
New Orleans Design Build.
Contributed design services for rehabilitation of house impacted by Hurricane Katrina through Design For Humanity.

COMMITTEES

Year 2018
University level
Institute for Intelligent Materials, Systems, and Environments

Clemson Sparking Creativity Program

Departmental
Year Level Coordinator, 3rd year Undergraduate Studios (Fall)

Curriculum Committee

Student Advisor

Digital Ecologies Certificate Committee

Year 2017
University level
Institute for Intelligent Materials, Systems, and Environments

Departmental
Year Level Coordinator, 2nd year Undergraduate Studios

Curriculum Committee

Student Advisor

Digital Ecologies Certificate Committee

Year 2016
    <u>University level</u>
    Clemson Thinks2

    Institute for Intelligent Materials, Systems, and Environments

    <u>*Departmental*</u>
    Year Level Coordinator, 2nd year Undergraduate Studios

    Student Advisory Committee

    Off-Campus Director's Committee

    Undergraduate Coordinators Committee

    Faculty and Student Advisory Committee

    Digital Ecologies Certificate Committee

    Director, NYC summer studio

    Teaching Stream: Technology

Year 2015
    <u>University level</u>
    Clemson Thinks2

    Institute for Intelligent Materials, Systems, and Environments

    <u>*College level*</u>
    CAAH Assistant Dean Search Committee

    <u>*Departmental*</u>
    Year Level Coordinator, 2nd year Undergraduate Studios

    Student Advisory Committee

    Off-Campus Director's Committee

    Undergraduate Coordinators Committee

    Faculty and Student Advisory Committee

    Digital Ecologies Certificate Committee

Director, NYC summer studio

Teaching Stream: Technology

Year 2014

   University level
   Institute for Intelligent Materials, Systems, and Environments

   Departmental
   Year Level Coordinator, 2nd year Undergraduate Studios

   Student Advisory Committee

   Off-Campus Director's Committee

   Undergraduate Coordinators Committee

   Faculty and Student Advisory Committee

   Graduate Admissions Committee

   Digital Ecologies Certificate Committee

   Director, NYC summer studio

   Co-director, CAC.G Genoa Resident Professor at Charles E. Daniel Center
   (Fall 2014)

   Teaching Stream: Technology

Year 2013

   University level
   Institute for Intelligent Materials, Systems, and Environments

   Departmental
   Year Level Coordinator, 2nd year Undergraduate Studios

   Student Advisory Committee

   Off-Campus Director's Committee

   Undergraduate Coordinators Committee

   Faculty and Student Advisory Committee

Graduate Admissions Committee

Digital Ecologies Certificate Committee

Director, NYC summer studio

Staff Search Committee; Digital Design Shop position

Teaching Stream: Technology

Year 2012
    University level
Institute for Intelligent Materials, Systems, and Environments

University Assessment Committee

    College level
AAH Curriculum Committee

Departmental
Year Level Coordinator, 2nd year Undergraduate Studios

Chair, School of Architecture Curriculum Committee

Director, NYC summer studio

Student Advisory Committee

Undergraduate Coordinators Committee

Digital Ecologies Certificate Committee

Institute for Intelligent Materials, Systems, and Environments

Teaching Stream: Technology

Year 2011
    University level
Institute for Intelligent Materials, Systems, and Environments

University Assessment Committee

College level
AAH Curriculum Committee

Departmental
Year Level Coordinator, 2nd year Undergraduate Studios

Chair, School of Architecture Curriculum Committee

Director, NYC summer studio

Student Advisory Committee

Undergraduate Coordinators Committee

Lecture Series Committee

Faculty Search Committee; Studio + Visualization, Studio + Technology Positions

Teaching Stream: Technology

Year 2010
    University level
    Institute for Intelligent Materials, Systems, and Environments

    University Assessment Committee

    College level
    AAH Curriculum Committee

    Departmental
    Year Level Coordinator, 2nd year Undergraduate Studios

    Chair, School of Architecture Curriculum Committee

    Director, NYC summer studio

    Student Advisory Committee

    Graduate Advisor, Research Studio

    Lecture Series Committee

    Teaching Stream: Technology

Year 2009
    <u>*University level*</u>
    University Assessment Committee

    <u>*Departmental*</u>
    School of Architecture Curriculum Committee

    Year Level Coordinator, 2nd year Undergraduate Studios

    Student Advisory Committee

    Graduate Advisor, Research Studio

    Lecture Series Committee

    Faculty Search Committee; Dept. Chair

    Teaching Stream: Technology

Year 2008
    Year Level Coordinator, 2nd year Undergraduate Studios

    Graduate Advisor, Research Studio

Year 2007
    Year Level Coordinator, 2nd year Undergraduate Studios

March 10, 2018