

**Curriculum Vitae (2021)**

Yanni Alexander Loukissas, Ph.D.

*Associate Professor*

*School of Literature, Media and Communication  
Georgia Institute of Technology*

753 Gresham Ave SE

Atlanta GA 30316 USA

Phone: 1.617.699.5487

Email: [yloukissas@gmail.com](mailto:yloukissas@gmail.com)

URL: <http://loukissas.lmc.gatech.edu>

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## **I. Earned Degrees**

**Doctor of Philosophy**, Design and Computation

Committee: William Porter (chair), Sherry Turkle, William Mitchell

Department of Architecture, Massachusetts Institute of Technology, Cambridge, 2008.

**Master of Science**, Architecture Studies (Design and Computation)

Advisors: William Porter, Larry Sass

Department of Architecture, Massachusetts Institute of Technology, Cambridge 2003.

**Bachelor of Architecture**

Department of Architecture, Cornell University, Ithaca, NY, 1999.

## **II. Employment History**

**Associate Professor**, Digital Media, School of Literature, Media and Communication  
Georgia Institute of Technology, Atlanta. 2020-present.

**Assistant Professor**, Digital Media, School of Literature, Media and Communication  
Georgia Institute of Technology, Atlanta. 2014-present.

**Lecturer**, Program in Art, Design and the Public Domain (Co-coordinator)  
Department of Architecture, Harvard University, Cambridge. 2013-2014.

**Media Arts Fellow**, metaLAB, Berkman Klein Center for Internet and Society  
Harvard University, Cambridge. 2012-2014.

**Postdoctoral Associate**, Program in Science, Technology and Society  
Advisor: David Mindell, Massachusetts Institute of Technology, Cambridge. 2010-2012.

**Visiting Lecturer**, Department of Architecture  
Cornell University, Ithaca. 2008-2010.

**Visiting Scholar**, Martin Centre, Cambridge University, Cambridge. 2006.

**Interaction Designer**, Small Design Firm, Cambridge. 2006-2009.

**Faculty**, Program in Sculpture, School of the Museum of Fine Arts, Boston. 2004-2006.

**Research Assistant**, Design and Computation, Department of Architecture, Massachusetts Institute of Technology, Cambridge. 2002-2003.

**Teaching Associate**, Department of Architecture, Cornell University, Ithaca. 2000-2001.

**Project Designer**, Sage and Coombe Architects, New York. 1999-2000.

**Project Assistant**, Eisenman Architects, New York. 1999.

### **III. Honors and Awards**

*DigitalSTS: A Field Guide for Science and Technology Studies*. Edited by Janet Vertesi & David Ribes  
Co-edited by Carl DiSalvo, Laura Forlano, Steven J. Jackson, Yanni Loukissas, Daniela K. Rosner, and  
Hanna Rose Shell. Princeton: Princeton University Press, 2019 was the winner of the *Olga Amsterdamska  
Award*, European Association for the Study of Science and Technology.

Finalist, Information is Beautiful Awards, 2012.

Presidential Fellowship, Massachusetts Institute of Technology, 2003-2008.

M.S. Thesis Award, Massachusetts Institute of Technology, Department of Architecture, 2003.

### **IV. Research, Scholarship, and Creative Activities**

#### **A. Published Books, Book Chapters, and Edited Volumes**

##### **A1. Books**

Loukissas, Yanni A. *All Data Are Local: Thinking Critically in a Data-Driven Society*.  
Cambridge: MIT Press, 2019.

Loukissas, Yanni A. *Co-Designers: Cultures of Computer Simulation in Architecture*.  
London: Routledge, 2012.

##### **A2. Refereed Book Chapters**

Loukissas, Yanni A. "The Life and Death of Data." In *The DigitalSTS Handbook*, edited  
by Vertesi, Janet, David Ribes, Carl DiSalvo, Laura Forlano, Steve Jackson, Yanni A.  
Loukissas, Daniela Rosner, Hanna Rose Shell. Princeton: Princeton Press, 2019.

Loukissas, Yanni A. "Visualizing the Social." In *The DigitalSTS Handbook*, edited by  
Vertesi, Janet, David Ribes, Carl DiSalvo, Laura Forlano, Steve Jackson, Yanni A.  
Loukissas, Daniela Rosner, Hanna Rose Shell. Princeton: Princeton Press, 2019.

Vertesi, Janet, David Ribes, Laura Forlano, Yanni A. Loukissas, and Marisa Cohn. "Engaging, Critiquing, and Making Digital Systems: Crossings between STS and Design," In *The Handbook of Science and Technology Studies*, edited by Clark Miller, Laurel Smith-Doerr, Ulrike Felt, and Rayvon Fouche. Cambridge: MIT Press, 2016. (Contribution 20%)

Loukissas, Yanni A. "Keepers of the Geometry," in *Simulation and its Discontents*, edited by Sherry Turkle. Cambridge: MIT Press, 2009.

### **A3. Edited Volumes**

Vertesi, Janet, David Ribes, Carl DiSalvo, Laura Forlano, Steve Jackson, Yanni A. Loukissas, Daniela Rosner, Hanna Rose Shell, eds. *The DigitalSTS Handbook*. Princeton: Princeton Press, 2019. (Contribution 10%)

## **B. Refereed Publications and Submitted Articles**

### **B1. Published and Accepted Journal Articles**

Loukissas, Yanni A. "Let's Change the Way Big Data Present the Places We Live." *Big Data & Society*, Essays and Provocations, August 15, 2019.  
<http://bigdatasoc.blogspot.com/p/essays-and-provocations.html>

Loukissas, Yanni A. and Anne Pollack. "After Big Data Failed: The Enduring Allure of Numbers in the Wake of the 2016 US Election." *Engaging Science, Technology, and Society* 3 (2016): 16-20. <https://doi.org/10.17351/ests2017.150>. (Contribution 50%)

Loukissas, Yanni A. "Taking Big Data Apart: Local Readings of Composite Media Collections." *Information, Communication and Society* 20, no. 5 (2016): 651-664.  
<https://doi.org/10.1080/1369118X.2016.1211722>.

Loukissas, Yanni A. "A Place for Big Data: Close and Distant Readings of the Arnold Arboretum." *Big Data & Society* 3, no. 2 (2016).  
<https://doi.org/10.1177/2053951716661365>.

Loukissas, Yanni A., and David Mindell, "Visual Apollo: A Graphical Exploration of Human-Machine Relationships." *Design Issues* 30, no. 2 (April 2014): 4-16. (Contribution 75%)

### **B2. Conference Presentation with Proceedings (Refereed)**

Loukissas, Yanni A. and Jude M. Ntabathia. "Open Data Settings: A Conceptual Framework Explored Through the Map Room Project." *Proceedings of the ACM on Human-Computer Interaction*, CSCW. 2021. (Contribution 80%).

Corbett, Eric and Yanni A. Loukissas. "Engaging Gentrification as a Social Justice Issue in HCI." *ACM SIGCHI Conference Proceedings*. Glasgow, UK. 2019. (Contribution 30%)

Loukissas, Yanni A. "All the Homes: Zillow and the Operational Context of data." *iConference Proceedings*. Sheffield, UK. 2018.

Battles, Matthew and Yanni A. Loukissas. "Data Artifacts: Visualizing Orders of Knowledge in Mega-Meta Collections." *Proceedings of the UDC Seminar in Classification and Visualization*. The Hague, Netherlands. 2013.

Loukissas, Yanni A., and David Mindell, 2012. "A Visual Display of Socio-Technical Data." Extended Abstract, *ACM SIGCHI Conference Proceedings*. Austin. 2012. (Contribution 75%)

Loukissas, Yanni A., Jason Maron, Marco Zenati, and David Mindell. "Redesigning Postoperative Review." *IEEE Healthcare Technology Conference Proceedings*. Houston. 2012. (Contribution 65%)

Loukissas, Yanni A. "Keepers of the Geometry." *Digital Critical Conference Proceedings*. Cambridge. 2008.

Loukissas, Yanni A., and Larry Sass. "A Generative Approach to Modeling Architectural Designs Using a 3-D Printer." *ACADIA and AIA Fabrication Conference Proceedings*. Toronto, Canada. 2004. (Contribution 75%)

### **B3. Other Refereed Material**

#### ***Conference Presentations with Refereed Abstracts***

Loukissas, Yanni A. "Re-Valuing Homes: Countering the Culture of Real Estate on Zillow," *Annual Meeting of the Society for the Social Study of Science*. New Orleans, September, 2019.

Loukissas, Yanni A. "All the Homes: Zillow and the Operational Context of data." *Data Power*. Ottawa, Canada. June, 2017.

Loukissas, Yanni A. "All the Homes: Zillow and the Hegemony of Context in Information Design," *Annual Meeting of the American Association of Geographers*, Boston. April, 2017.

Loukissas, Yanni A., and Lorina Navarro. "All News is Local," *Annual Meeting of the Society for Literature, Science, and the Arts*, Atlanta. November, 2016. (Contribution: 60%)

Resch, Gabby, Yanni A. Loukissas, and Matt Ratto. "Critical Information Practice," *Annual Meeting of the Society for the Social Studies of Science*, Barcelona, Spain. August, 2016. (Contribution: 20%)

Loukissas, Yanni A. "Local Data," *Information+*, Vancouver, Canada. June, 2016.

Loukissas, Yanni A., 2015. "Life and Death of Data," *Annual Meeting of the Society for the Social Studies of Science*, Denver. November, 2016.

Loukissas, Yanni A., and Laura Forlano. "Codesigning Technoscience: Reflections on a digitalSTS Workshop," *Annual Meeting of the Society for the Social Studies of Science*, San Diego, November, 2013.

Loukissas, Yanni A. "Data meets Design," *Annual Meeting of the Society for the Social Studies of Science*. Copenhagen, Denmark, August, 2012.

Loukissas, Yanni A. "The Visual Display of Sociotechnical Data," *Annual Meeting of the Society for the Social Studies of Science*. Cleveland. November, 2011.

Loukissas, Yanni A. "Surface Cities," *Annual Meeting of the Society for the Social Studies of Science*. Tokyo, Japan, August, 2010.

Loukissas, Yanni A. "Spaces of Simulation," *Annual Meeting of the Society for the Social Studies of Science*, Washington, D.C., October, 2009.

Loukissas, Yanni A. "Building Simulation through a Socio-technical Lens," *Annual Meeting of the Society for the Social Studies of Science*. Pasadena, October, 2005.

Loukissas, Yanni A. "Representations of the User in Geometric Modeling," *Annual Meeting of the Society for the Social Studies of Science*. Paris, France, August, 2004.

### ***Workshop Presentations and Organization with Refereed Proposals and Abstracts***

Cardoso, Daniel, and Yanni A. Loukissas. "Visualizing Design Ecologies," *Design Research Society*. Brighton, UK, 2016. (Contribution: 50%)

Battles, Matthew, and Yanni A. Loukissas. "Data Artifacts Workshop," *Digital Humanities: The Next Generation*, Simmons College. Boston, 2013.

Battles, Matthew, and Yanni A. Loukissas. "Exquisite Corpora," *Digital Book Summit*, Olin College, Needham, 2012.

## **C. Other Publications and Creative Products**

### **C1. Non-refereed Writing**

Kim M. Cobb, Russell Clark, Randall Mathews, Nick Deffley, Emanuele Di Lorenzo, Ivan Federico, Nadia Pinardi, Kyungmin Park, Allen Hyde, Yanni Loukissas, Dawud Shabaka, Mildred McClain, Akhil Chavan, Lalith Polepeddi, Tim Cone, and Jayma Koval. "Smart Sea Level Sensors for coastal climate resilience" 2020. *Variations*. Domingues, R. (Ed.) 18, 3.

Loukissas, Yanni A. "The Map Room: A Place for Thinking Critically about Data" In *Humanistic Perspectives in a Technological World* (Second Edition), edited by Richard Utz. Atlanta: Georgia Tech, Forthcoming.

Loukissas, Yanni A., Christopher Polack, Muniba Khan, and Annabel Rothschild. "The Atlanta Map Room: Documenting the Connections and Disjunctions Between Civic Data and Lived Experiences in the City," 2018. *Atlanta Studies Blog Post*. (Contribution: 70%)

Loukissas, Yanni A. "Data Walks Workshop." *Density Design Blog Post*, 2017.

Loukissas, Yanni A. "The Life and Death of Data." In *The Word for the World is Still Forrest*, edited by Anna-Sophie Springer & Etienne Turpin. Berlin: Springer Verlag, 2017.

Loukissas, Yanni A. and Firaz Peer. "Big Data, Local Data, Counter Data: A Contested Outlook for Housing." Center for Urban Innovation Blog, 2016.  
<https://gtcui.wordpress.com> (Contribution: 80%)

Loukissas, Yanni A. Review of *Software Takes Command*, by Lev Manovich. *Journal of Design History*, 2014.

Ervin, Stephen, Yanni Loukissas, Jessica Yurkofsky, and Mikhail Grinwald. *The Gund 522 Experiment: A Space for Design Learning and Teaching*. Technical Report for the Harvard Graduate School of Design, 2014.

Loukissas, Yanni A., 2012. "Knowledge Under Fire." *Candide Journal for Architectural Knowledge* 5 (2014).

Turkle, Sherry Joseph Dumit, Hugh Gusterson, David Mindell, Susan Silbey, Yanni A. Loukissas, Natasha Myers. Information technologies and professional identity: A comparative study of the effects of virtuality. Report to the National Science Foundation, 2005. (Contribution: 20%)

Loukissas, Yanni A. *Conceptions of Design in a Culture of Simulation*. Ph.D. Thesis. Cambridge: MIT, 2008.

Loukissas, Yanni A. *Rulebuilding*. SM Thesis. Cambridge: MIT, 2003.

Loukissas, Yanni A. "Utica A-Z." *The Cornell Journal Of Architecture* 7. Ithaca: Cornell University, 2000.

Loukissas, Yanni A. *Utica A-Z*. BArch Thesis. Ithaca: Cornell University, 1999.

## **C2. Software**

Loukissas, Yanni A., Christopher Polack, Muniba Khan, Annabel Rothschild. "Atlanta Map Room." Participatory mapping table, 2018. (Contribution: 40%)

Loukissas, Yanni A., Christopher Polack, and Peter Polack. "Beltline for All?," Online interactive visualization, 2017. <http://loukissas.lmc.gatech.edu/beltline> (Contribution: 40%)

Loukissas, Yanni A. and Peter Polack. "DPLA V1" Interactive visualization for *All Data Are Local*, 2017. (Contribution: 60%)

Loukissas, Yanni A. and Peter Polack. "DPLA V2" Interactive visualization for *All Data Are Local*, 2017. (Contribution: 60%)

Loukissas, Yanni A. and Peter Polack. "NewsScape V1" Interactive visualization for *All Data Are Local*, 2017. (Contribution: 60%)



Loukissas, Yanni A. and Peter Polack. "Zillow" Interactive visualization for *All Data Are Local*, 2017. (Contribution: 60%)

Loukissas, Yanni A. and Krystelle Denis "The Life and Death of Data." Online interactive publication, 2014. [www.lifeanddeathofdata.org](http://www.lifeanddeathofdata.org). (Contribution: 60%)

Schnapp, Jeffrey, Yanni A. Loukissas, Matthew Battles, Sneha Khullar, Jessica Yurkofsky, and Pablo Barria. "Teaching with Things," Graphical software for collections-based teaching. Cambridge, 2013.

Loukissas, Yanni A., Matthew Battles, and Jessica Yurkofsky. "Library Observatory," Data visualization. Cambridge, 2012.

Loukissas, Yanni A., David Mindell, and Francisco Alonso. "The Apollo 11 Lunar Landing Visualization," Data visualization. Cambridge, 2011.

### **C3. Creative Products**

#### ***Expressive Media***

Loukissas, Yanni, and John Zissovici. "Angel Dust," Original film for Violence and the Cinematic City, Film Studies symposium at Cornell University. Ithaca, 2009.

Loukissas, Yanni A., and John Zissovici. "Hartell Gallery Moving Wall," Original film, Cornell University. Ithaca, 2001.

Loukissas, Yanni, and John Zissovici, "Hartell Gallery Moving Wall." Flipbook, Cornell University. Ithaca, 2001.

#### ***Exhibitions (Juried)***

Loukissas, Yanni A., Jude Ntabathia, Jihan Sherman, and Jer Thorp. "Map Room," Making and Doing. *Annual Meeting of the Society for the Social Study of Science*. New Orleans, 2019. (Contribution: 70%)

Loukissas, Yanni A. "Life and Death of Data," Making and Doing. *Annual Meeting of the Society for the Social Study of Science*. Denver, 2015.

Loukissas, Yanni A. "The Life and Death of Data," *Screening Scholarship*, Philadelphia, March, 2015.

Loukissas, Yanni A. "The Life and Death of Data," *Thinking with your Eyes Exhibition*. Harvard University, Cambridge, 2013.

#### ***Exhibitions (Not Juried)***

Loukissas, Yanni A. GVU Demo Day. Georgia Tech, Atlanta, 2014-2019.

Loukissas, Yanni A. "Visual Apollo," Digital Media Show. Eyedrum Gallery, Atlanta. 2016.

Loukissas, Yanni, and Krystelle Denis. "The Life and Death of Data. OpenLab, Harvard University, Cambridge. 2014.

Loukissas, Yanni, David Mindell, and Francisco Alonso. "The Apollo 11 Lunar Landing Visualization," 150th Anniversary Exhibit on Exploration. Massachusetts Institute of Technology, Cambridge. 2011.

Zissovici, John, and Yanni A. Loukissas. "Hartell Gallery Moving Wall," Exhibition in Hartell Gallery. Cornell University, Ithaca. 2001.

Vinson, Macksi, and Yanni A. Loukissas. "The Absence of Hartell," Exhibition in Hartell Gallery. Cornell University, Ithaca. 1999.

## **D. Presentations**

### **D1. Invited Presentations**

"Open Data Settings" Keynote. Viz4DH. IEE VIZ. Oct, 24, 2021

"Open Data Settings" University of California, Los Angeles. Feb 28, 2021

"All Data Are Local," Harvard University. March, 3, 2020

\_\_\_, New York University. January 23, 2020

\_\_\_, University of Wisconsin, Madison. February 9, 2020

\_\_\_, University of Southern California, January 29, 2020

\_\_\_, Malmö University. June 3, 2020

\_\_\_, GT Symposium on Privacy and Autonomy. August 27, 2020

\_\_\_, Book Launch, iPaT Georgia Tech. 2019.

\_\_\_, Data in the ATL, Georgia State University Library.

2019.

\_\_\_, Information Studies Colloquium. UCLA, Los Angeles. 2019.

\_\_\_, Thinking Through Art and Design: Responsible

Design from Bits to Buildings Lecture Series. UC, Berkeley. 2019

\_\_\_, Fordham. New York. 2019

\_\_\_, GVU Talk, Georgia Tech. 2019

\_\_\_, Rutgers Information School. Camden, NJ. 2019

\_\_\_, Civic Data Science, Georgia Tech. 2019

\_\_, *Data in the ATL*, Georgia State University Library. 2019.

“Atlanta Map Room,” *Atlanta Studies*. Atlanta. 2018.

“Simulation and its Discontents,” *Sherry Turkle’s Festschrift*. Boston. 2018.

“Life and Death of Data,” Interview, *Digital Humanities*. Umea, Sweden. 2017.

“Local Data,” *Critical Visualization*. CUNY, New York. 2016.

“Local Data,” Ignite Talk, *EYEO Festival*. Minneapolis. 2015.

“Local Data,” *The Data Made Me Do It*. UC Berkeley, Berkeley. 2015.

“Local Data,” *Museum Studies*, Johns Hopkins University, Baltimore. 2015.

“NewsScape Workshop,” UCLA, Los Angeles. 2015.

“The Life and Death of Metadata,” *Dumbarton Oaks Research Library and Collection*. Harvard University, Washington, D.C. 2014.

“Life and Death of Data,” *Archives as Instigator*. Museum of Modern Art, New York. 2014.

Loukissas, Yanni, and Matthew Battles. “The Mixed Reality City” *Urban Humanities Symposium*, Harvard University, Cambridge. 2014.

“Data Artifacts at the Arnold Arboretum,” *Thinking with your Eyes Symposium*, Harvard University. Cambridge. 2014.

Moderator, *Futures Past Symposium*. MIT, Cambridge. 2013.

“Data Narratives,” *Digital Humanities*, Wentworth Institute of Technology. Boston. 2013.

“Data Narratives of the Arnold Arboretum,” *STS Circle*, Harvard University. Cambridge. 2013.

“Drawing Data Work,” *Conversations in the Digital Humanities*. Cornell University, Ithaca. 2013.

“Co-Designers,” Department of Architecture. Princeton University, Princeton. 2013.

“Teaching with Things,” *Take Note Symposium*. Harvard University, Cambridge. 2012.

“A Visual Display of Socio-Technical Data,” School of Informatics and Computing. Indiana University, Bloomington. 2012.

“Communication in Situ,” Communication Department, University of California. San Diego. 2012.

“Visualizing Human Presence,” Berkman Klein Center for Internet and Society. Harvard University, Cambridge. 2011.

“Translate, Rotate, Reflect,” Graduate School of Design. Harvard University, Cambridge. 2011.

Respondent, *Beyond the Author*. History, Theory + Criticism of Art and Architecture. MIT. Cambridge. 2011.

Keynote “Translate, Rotate, Transform,” *TEDx Athens Youth Day*. Athens, Greece. 2010.

Keynote “Moonscapes and City Scrapes,” *INPUT\_OUTPUT Symposium*. Temple University, Philadelphia. 2010.

“Design as Computation,” Cornell University. Information Science Colloquium, Ithaca. 2009.

“Material Feedback,” Panel Discussion. The Storefront for Art and Architecture, New York. 2009.

“Keepers of the Geometry,” Autodesk Headquarters, Boston. 2009.

Inaugural Lecture “Conceptions of Design in a Culture of Simulation,” *Emerging Voices Lecture Series*, Planning + Architecture Research Group, University of Michigan. Ann Arbor. 2009.

Zissovici, John, and Yanni A. Loukissas, “Angel Dust,” *Violence and the Cinematic City*. Cornell University, Ithaca. 2009.

“Conceptions of Design in a Culture of Simulation,” MIT Department of Architecture. Computation Lectures, Cambridge. 2009.

“Performance Discourse at Arup,” Manchester University, Department of Architecture. Manchester, UK. 2007.

“The Culture of Simulation in Building Design,” Martin Centre, Cambridge University. Cambridge, UK. 2007.

“Practices of Learning,” *New Media in Architectural Offices*, Akademie Schloss Solitude. Stuttgart, Germany. 2005.

“Computational Design Workshop,” Department of Architecture, New York State University. Buffalo. 2005.

“Digital Mock-ups Ethnographies,” MIT Initiative for Technology and Self. Cambridge. 2002.

Loukissas, Yanni, and Larry Sass. “Digital Fabrication in Architecture,” MIT The Center for Bits and Atoms. Cambridge. 2002.

## **D2. Georgia Tech Campus Presentations**

“All Data Are Local,” Data Experience and the Environment Symposium. 2018.

“Atlanta Map Room,” IPaT Think Tank. 2018.

“All Data Are Local,” Digital Media Talks. 2018.

“Public Forum on Media Politics,” Digital Media Talks. 2016.

“STS and Design,” STS Core Seminar. 2016-2018. (with Carl DiSalvo).

“Denaturalizing Data,” Digital Media Talks. 2016.

“Humanities Data Visualization,” 2015. GVU Brown Bag Series.  
(with Klein, Lauren and Carl DiSalvo).

“Drawing Data Work,” GVU Brown Bag Series. 2015.

“Actor Network Theory,” STS Core Seminar. 2015.

“Local Data,” Digital Media Talks. 2015.

“Local Data,” Data Science for Social Good. 2015.

“Representing Complexity,” ICLAST Series. 2015.

“Drawing Data Work” Information Interfaces Research Group. 2015.

## **E. Grants and Contracts**

### **E1. As Principal Investigator**

Map Spots

Agency: Digital Integrative Liberal Arts Center, Georgia Tech

Total Dollar Amount: \$9000

Role: PI

Collaborators: Jer Thorp

Period of Contract: 7/1/2019-7/1/2020

Candidate’s Share: 100%

Map Spots

Agency: School of Literature, Media and Communication, Georgia Tech

Total Dollar Amount: \$2000

Role: PI

Collaborators: Jer Thorp

Period of Contract: 7/1/2019-7/1/2020

Candidate’s Share: 100%

Map Room Toolkit

Agency: Serve-Learn-Sustain Grant, Georgia Tech

Total Dollar Amount: \$3500  
Role: PI  
Collaborators: NA  
Period of Contract: 6/1/2019-6/1/2020  
Candidate's Share: 100%

Atlanta Map Room  
Agency: Digital Integrative Liberal Arts Center, Georgia Tech  
Total Dollar Amount: \$15000  
Role: PI  
Collaborators: Jer Thorp  
Period of Contract: 6/1/2018-6/1/2019  
Candidate's Share: 100%

All Data Are Local  
Agency: Ivan Allen College Small Research Grant, Georgia Tech  
Total Dollar Amount: \$1000  
Role: PI  
Collaborators: NA  
Period of Contract: 7/1/2018-7/1/2019  
Candidate's Share: 100%

All Data Are Local  
Agency: GVU/IPaT Engagement Grant, Georgia Tech  
Total Dollar Amount: \$2500  
Role: PI  
Collaborators: NA  
Period of Contract: 7/1/2018-7/1/2019  
Candidate's Share: 100%

Civic Data Guides: Thinking Critically about Digital Public Records  
Agency: Serve-Learn-Sustain Grant, Georgia Tech  
Total Dollar Amount: \$3500  
Role: PI  
Collaborators: NA  
Period of Contract: 6/1/2017-6/1/2018  
Candidate's Share: 100%

La Buford Highway: Latinos in Front and Behind the Camera  
Agency: Digital Integrative Liberal Arts Center, Georgia Tech.  
Total Dollar Amount: \$12,500  
Role: PI  
Collaborators: Juan Carlos Rodríguez (PI)  
Period of Contract: 6/1/2016-6/1/2017  
Candidate's Share: 50%

Critical Data Pedagogy  
Agency: Ivan Allen College Small Research Grant, Georgia Tech  
Total Dollar Amount: \$5000  
Role: PI

Collaborators: NA  
Period of Contract: 6/1/2016-6/1/2017  
Candidate's Share: 100%

Critical Visualization Toolkit  
Agency: Ivan Allen College Educational Innovation, Georgia Tech  
Total Dollar Amount: \$5000  
Role: PI  
Collaborators: NA  
Period of Contract: 6/1/2016-6/1/2017  
Candidate's Share: 100%

Climate Speak  
Agency: School of Literature, Media and Communication, Georgia Tech  
Total Dollar Amount: \$5000  
Role: PI  
Collaborators: NA  
Period of Contract: 6/1/2015-6/1/2016  
Candidate's Share: 100%

Critical Visualization Toolkit  
Agency: Center for Urban Innovation, Georgia Tech  
Total Dollar Amount: \$5000  
Role: PI  
Collaborators: NA  
Period of Contract: 6/1/2015-6/1/2016  
Candidate's Share: 100%

The Life and Death of Data  
Agency: Lasky-Barajas Dean's Innovation Fund for Digital Arts and Humanities,  
Harvard University  
Total Dollar Amount: \$12000  
Role: PI  
Collaborators: Matthew Battles (co-PI)  
Period of Contract: 6/1/2014-6/1/2015  
Candidate's Share: 75%

## **E2. As Co-Principal Investigator**

"SCC-CIVIC Track B: Visualizing Resilience: BIPOC Youth Advocacy through  
Mapmaking.  
Agency: National Science Foundation CIVIC Challenge.  
Total Dollar Amount: \$1,000,000  
Role: Co-PI  
Collaborators: Allen Hyde (Principal Investigator), Yanni Loukissas (Co-Principal  
Investigator), Nisha Botchwey (Co-Principal Investigator), Philip Omunga (Co-Principal  
Investigator), (Mildred McClain (Co-Principal Investigator)).  
Period of Contract: 11/1/2021-11/1/2022  
Candidate's Share: 20%

"SCC-CIVIC-PG Track B: Co-creating Data for Disaster Resilience with Historically Marginalized Communities in Savannah."

Agency: National Science Foundation CIVIC (planning grant).

Total Dollar Amount: \$50,000

Role: Co-PI

Collaborators: Collaborators: Allen Hyde (Principal Investigator), Yanni Loukissas (Co-Principal Investigator), Nisha Botchwey (Co-Principal Investigator), Philip Omunga (Co-Principal Investigator), (Mildred McClain (Co-Principal Investigator).

Candidate's Share: 20%

Media Festival: Sustainability Across Languages and Cultures

Agency: SPAG, Georgia Tech

Total Dollar Amount: \$25,000

Role: Co-PI

Collaborators: Juan Carlos Rodríguez (PI), Jan Uelzmann (Co-PI),

Jin Liu (Co-PI), Gregory Zinman (Co-PI)

Period of Contract: 6/1/2016-6/1/2017

Candidate's Share: NA

Data Visualization for the Humanities

Agency: Fire Mini, Georgia Tech

Total Dollar Amount: \$1250

Role: Co-PI

Collaborators: Lauren Klein (PI) and Carl DiSalvo (Co-PI)

Period of Contract: 6/1/2015-6/1/2016

Candidate's Share: 33%

Humanities Data Visualization Workshop

Agency: ICLAST, Georgia Tech

Total Dollar Amount: \$6000

Role: Co-PI

Collaborators: Lauren Klein (PI), Carl DiSalvo (Co-PI).

Period of Contract: 6/1/2015-6/1/2016

Candidate's Share: 33%

Data Visualization for the Humanities

Agency: GVU/iPaT Engagement Grant, Georgia Tech

Total Dollar Amount: \$12,850

Role: Co-PI

Collaborators: Lauren Klein (PI) and Carl DiSalvo (Co-PI)

Period of Contract: 6/1/2015-6/1/2016

Candidate's Share: 33%

digitalSTS and Design Workshop

Agency: National Science Foundation (Cyberinfrastructure)

Total Dollar Amount: \$8000

Role: Co-PI

Collaborators: David Ribes (PI), Janet Vertesi (Co-PI), Laura Forlano (Co-PI).

Period of Contract: 6/1/2013-6/1/2014



Candidate's Share: 25%

digitalSTS and Design Workshop

Agency: Consortium for the Science of Socio-technical Systems

Total Dollar Amount: \$1000

Role: Co-PI

Collaborators: David Ribes (PI), Janet Vertesi (Co-PI), Laura Forlano (Co-PI).

Period of Contract: 6/1/2013-6/1/2014

Candidate's Share: 25%

digitalSTS and Design Workshop

Agency: Arnold Arboretum, Harvard University

Total Dollar Amount: \$1000

Role: Co-PI

Collaborators: David Ribes (PI), Janet Vertesi (Co-PI), Laura Forlano (Co-PI).

Period of Contract: 6/1/2013-6/1/2014

Candidate's Share: 25%

digitalSTS and Design Workshop

Agency: Microsoft Research

Total Dollar Amount: \$1000

Role: Co-PI

Collaborators: David Ribes (PI), Janet Vertesi (Co-PI), Laura Forlano (Co-PI).

Period of Contract: 6/1/2013-6/1/2014

Candidate's Share: 25%

Design Tooling

Agency: MIT Department of Architecture

Total Dollar Amount: \$5000

Role: Co-PI

Collaborators: William Porter (PI), Axel Kilian (Co-PI), Stylianos Dritsas (Co-PI)

Period of Contract: 6/1/2004-9/1/2004

Candidate's Share: 33%

### **E3. As Senior Personnel or Contributor**

Opening Collections Through Digital Technology Agency: Getty Foundation.

Total Dollar Amount: \$300,000

Role: Senior Personnel

Collaborators: Jeffrey Schnapp (PI), metaLAB

Period of Contract: 6/1/2013-6/1/2014

Candidate's Share: NA

Teaching with Things

Agency: Initiative for Learning and Teaching, Harvard University

Total Dollar Amount: \$50,000

Role: Senior Personnel

Collaborators: Jeffrey Schnapp (PI), metaLAB

Period of Contract: 6/1/2013-6/1/2014

Candidate's Share: NA

Library Observatory  
Agency: Digital Public Library of America  
Total Dollar Amount: \$15,000  
Role: Senior Personnel  
Collaborators: Jeffrey Schnapp (PI), metaLAB  
Period of Contract: 6/1/2012-6/1/2013  
Candidate's Share: NA

#### **E4. Pending Proposals**

#### **E5. Proposals Submitted but Not Funded (Last Two Years)**

“Advancing Climate Justice and Building Resilience in Vulnerable Coastal Georgia Communities through Networks of People, Sensors, and Data”  
Agency: National Science Foundation Coastlines and People.  
Total Dollar Amount: \$17,000,000  
Role: Senior Personnel  
Collaborators: Kim Cobb (Principal Investigator) + 35 Co-PIs and Senior Personnel.

“Building Coastal Community Resilience using Smart Environmental Sensors”  
Agency: National Science Foundation  
Total Dollar Amount: \$3,909,956.  
Role: Senior Personnel  
Collaborators: Kim M. Cobb (PI), Russell J Clark, Jennifer Hirsch, Jayma Koval, Allen Hyde, Chris LeDantec, Mildred McClain, Philip Omunga, Allen D Roberts.  
Period of Contract: 04/01/2020-04/01/2024

Olympics Exhibition Proposal.  
Agency: Atlanta History Center  
Total Dollar Amount: TBD  
Role: PI  
Collaborators: NA  
Period of Contract: 9/1/2019-9/1/2020  
Candidate's Share: 100%

Reimagining Data Life Cycles for the Civic Smart City.  
Agency: Knight Foundation  
Total Dollar Amount: \$292,000  
Role: PI  
Collaborators: Catherine D'Ignazio (PI) and Bob Gradeck (PI).  
Period of Contract: 9/1/2019-9/1/2020  
Candidate's Share: 33%

Critical Data Practice: Supporting Critical Making with Big Data in an Urban Context  
Agency: National Science Foundation  
Total Dollar Amount: \$299,371  
Role: PI  
Collaborator: Matt Ratto (Co-PI)

Period of Contract: 9/1/2019-9/1/2020  
Candidate's Share: 75%

La Buford Highway: Latinos in Front and Behind the Camera  
Agency: GT Fire, Georgia Tech  
Total Dollar Amount: \$40,000  
Role: PI  
Collaborator: Juan Carlos Rodríguez (PI).  
Period of Contract: 6/1/2016-6/1/2017  
Candidate's Share: 50%

## **F. Other Scholarly and Creative Accomplishments**

### **F1. Research Lab**

The *Local Data Design Lab* is focused on bridging the substantial divide between two complimentary, but largely disconnected areas of work: data studies and data visualization. The first is an area of scholarly inquiry that has emerged recently in response to the phenomenon of big data and seeks to make sense of data from a social perspective. The second is a form of design practice, which produces informative and expressive interfaces to data. Students from Ivan Allen College, the College of Computing, and the College of Design have all participated in the lab. More information at: <http://loukissas.lmc.gatech.edu/local-data-design-lab>

## **G. Societal and Policy Impacts**

No data

## **H. Other Professional Activities**

### ***Press Coverage***

Luther, Anne. 2017. Local Data Design: An Interview with Professor Yanni Loukissas. *Data Matters*, July 13.

Davis, Daniel. 2014. "Where Gender Inequality Persists in Architecture," *Architect Magazine*, October 28.

Winterman, Denise, and Jennifer Green, 2014. "The buildings that would have been impossible," *BBC Magazine*, December 17.

Dizikes, Peter. 2012. "Bits of buildings: How is computing changing the architect's job?" *MIT News*, June 25.

Ireland, Corydon. 2012. "Wedding digital with traditional," *Harvard Gazette*, August 15.

Cotter, Holland. 2009. "Made in U.S.A. Shines After Makeover." *New York Times*, May 22.

## V. Education

### A. Courses Taught

<b>Semester</b>	<b>Number</b>	<b>Title</b>	<b>Students</b>
Fall 2021	LMC 3705	Information Design	24
Fall 2021	LMC 6399	Discovery and Invention	20
Spring 2021	LMC 3705	Information Design	25
Spring 2021	LMC 8803	Data, Design, and Society	10
Fall 2020	LMC 6399	Discovery and Invention	22
Fall 2020	LMC 3705	Information Design	19
Fall 2019	LMC 3308	Ecocriticism	20
Fall 2019	LMC 6650	Project Studio	10
Spring 2019	LMC 3705	Information Design	17
Spring 2019	LMC 8803	Data, Design, and Society	11
Fall 2018	LMC 6650	Atlanta Map Room Project Studio	6
Fall 2018	LMC 2700	Introduction to Computational Media	61
Summer 2018	LMC 2400	Introduction to Media Studies	35
Spring 2018	LMC 6311	Visual Culture and Design	3
Spring 2018	LMC 3308	Environmentalism and Ecocriticism	23
Fall 2017	LMC 6312	Technology, Representation and Design	11
Fall 2016	LMC 6650	Buford Highway Project Studio	7
Fall 2016	LMC 2700	Introduction to Computational Media	77
Spring 2016	LMC 6650	Data Documentaries Project Studio	10
Fall 2015	LMC 6650	Local Data Project Studio	8
Fall 2015	LMC 2700	Introduction to Computational Media	71
Spring 2015	LMC 6650	Visualization Journalism Project Studio	9
Spring 2015	LMC 3308	Environmentalism and Ecocriticism	26

**B. Individual Student Guidance****B1. B1. Ph.D. Students**

Jude Mwenda Ntabathia, “On the Scalability of Environmental Sensor Data.” Digital Media Ph.D. January 2018-present (Graduated)

Jihan Sherman, Digital Media Ph.D. Fall 2018-2019.

**B2. M.S. Students (Indicate Thesis Option for Each Student)**

Benjamin Sugar, Chair, Digital Media (Project)

Christopher Sun, Chair, Digital Media (Project)

Stephanie Dykes, Chair, Digital Media (Project)

Peter Polack, Computer Science (Thesis)

Ryan McDonnell, Chair, Digital Media (Project)

Lu Dong, Chair, HCI (Project)

Erica Pramer, Chair, Digital Media (Project)

**B3. Undergraduate Students**

Kaci Hernandez Kluesner, Computer Science

Christopher Polack, Computer Science

**B4. Service on Thesis or Dissertation Committees**

Shubhangi Gupta, Digital Media Ph.D.

Adriana Alvarado Garcia, Interactive Computing Ph.D.

Firaz Peer, Member, Digital Media Ph.D.

Eric Corbet, Member, Digital Media Ph.D.

Sergio Goldenberg, Member, Digital Media Ph.D.

Zorana Matic, Member, Architecture Ph.D.

Nicole Hengesbach, Member, Urban Futures M.S.,  
Potsdam University of Applied Sciences.

Russell Huffman, Member, Digital Media M.S. (project)

Michelle Partogi, Member, Digital Media M.S. (project)

Lori Navarro, Member, Digital Media M.S. (project)

Peter Polack, Member, Computer Science M.S. (project)

### **B5. Mentorship of Postdoctoral Fellows or Visiting Scholars**

No data

## **C. Educational Innovations and Other Contributions**

### ***Teaching Toolkits***

Map Room Toolkit, 2018. Serve-Learn-Sustain, Georgia Tech.

Civic Data Guides: Thinking Critically about Digital Public Records, 2017. Serve-Learn-Sustain, Georgia Tech.

### ***Workshops and Internships***

Georgia Smart Workshops 2019-2021.

Civic Data Science, NSF Funded Summer Program, 2018.

“Data Walks Workshop” *Politecnico di Milano*. Milan, Italy. 2017.

### ***New Courses Developed***

LMC 8803: Data, Design, and Society, Spring 2019

*Designed this new course based on the findings in my recent book, All Data Are Local.*

LMC 3705: Information Design, Spring 2019

*Redesigned this course based on the findings in my recent book, All Data Are Local.*

LMC 2400: Introduction to Media Studies, Summer 2018

*Redesigned this course to focus on environmental issues through a media studies lens as part of the first Serve-Learn-Sustain linked-courses summer program.*

LMC 6311: Visual Culture and Design, Spring 2018

*Redesigned this course to focus on augmented reality.*

LMC 6312: Technology, Representation and Design, Fall 2017

*Redesigned this course to focus on data visualization.*

LMC 6650 YL: Project Studio, Spring 2015 - Fall 2019

*Redesigned this course six times in order to highlight new contemporary issues through data visualization.*

LMC 3308: Environmentalism and Ecocriticism, Spring 2015  
*Redesigned this course to examine environmentalism across media.*

LMC 2700: Introduction to Computational Media, Fall 2014, 2015, 2016, 2018  
*Redesigned this course many times to update its projects, diversify its literature, and improve its overall structure.*

## **VI. Service**

### **A. Professional Contributions**

#### ***Conference Organization and Program Committee***

Information+, Co-Organizer, Online. 2021.

Information+, Co-Organizer, Atlanta, Georgia. 2020 (Cancelled due to COVID-19).

Information+, Program Committee, Potsdam, Germany. 2018.

Humanities Data Visualization Workshop, Co-Organizer Georgia Tech, Atlanta. 2016.

Beautiful Data II Workshop, Co-Organizer Harvard University, Cambridge. 2015.

Beautiful Data I Workshop, Co-Organizer Harvard University, Cambridge. 2014.

digitalSTS and Design Workshop, Co-Organizer, Arnold Arboretum, Harvard University, Cambridge. 2013.

#### ***Presses, Journals and Associations***

Information, Communication and Society Journal, Reviewer, 2021.

MIT Press, Book Proposal Reviewer. 2018, 2019, 2020.

MIT Press, Book Manuscript Reviewer. 2018.

ACM Conference on Fairness, Accountability, and Transparency, Reviewer. 2019.

Big Data & Society Journal, Reviewer. 2019, 2021.

Information Design Journal, Reviewer. 2019.

CHI, Reviewer. 2018.

Information+, Reviewer. 2018.

Open Library of the Humanities, Reviewer. 2018.

Science, Technology and Human Values, Reviewer. 2018, 2017, 2014, 2010.

Digital Creativity, Reviewer. 2017

Ardeth, Reviewer. 2017

Design Issues, Reviewer. 2016.

Transactions on Knowledge Discovery from Data, Reviewer. 2016.

Futures Past Symposium, Reviewer. 2013.

ACM Human Factors in Computing Systems, Member and Reviewer. 2012-2013.

SIGGRAPH Art Papers. Reviewer. 2012.

ACSA Digital Aptitudes Conference. Reviewer. 2011.

Footprint, Delft School of Design Journal, Reviewer. 2010.

Creativity and Cognition Conference Series, Reviewer. 2009.

Society for Social Studies of Science, Member. 2004-present.

Association for American Geographers, 2016-present.

Association for Computer Aided Design in Architecture, Member. 2004-2009.

## **B. Public and Community Service**

Atlanta Regional Commission, Data Literacy Group. 2018.

Housing Justice League, Volunteer. 2016-present.

Homes for All, Volunteer. 2015-present.

## **C. Institute Contributions**

### ***Georgia Tech***

Media Arts Initiative, 2020-2021.

LMC Faculty Search Chair, 2021.

LMC Faculty Search Committee. 2020

LMC Undergraduate Curriculum Committee. 2020

Digital Media Ph.D. Qualifying Exams Committee. Fall 2018-present.

Digital Media Ph.D. Admissions Committee. 2015-present.

Computational Media Curriculum Committee. 2015-present.



Library Faculty Advisory Board. 2015-present.

Human-Computer Interaction Affiliation. 2015-present.

Director of the Local Data Design Lab 2014-present.

LMC Graduate Curriculum Committee. 2014-present.

GVU Affiliation. 2014-present.

Digital Integrative Liberal Arts Center Affiliation. 2016-present.

Smart Cities Fellow, Serve-Learn-Sustain. Spring 2017.

Undergraduate Curriculum Committee. 2015-2016.

Digital Media Space Committee. 2015-2016.

Co-founded the Sustainability Media Festival. 2016-2017.

Co-founded the Visualization reading group. 2015-2016.

Center for Urban Innovation Affiliation. 2015-present.

Digital Media Master's Admissions Committee. 2014-2015.

Digital Media Strategy Committee. 2014-2015.

***Other Institutions***

*Harvard University, Program in Art, Design and the Public Domain*

Speaker Series, Co-Organizer. 2014.

Art, Design and the Public Domain Graduate Admissions. 2014.

Thesis Advisor. 2013-2014.

*Cornell University, Department of Architecture*

Media Arts Task Force, Member. 2009-2010.

Core Curriculum Task Force, Member. 2009-2010.

Technology Task Force, Member. 2009-2010.

Visual Resources Task Force, Member. 2009-2010.

Post-Professional Studies Task Force, Member. 2009-2010.

Undergraduate and Graduate Thesis Advising. 2008-2010.

Undergraduate and Graduate Admissions. 2008-2010.

Thesis Advisor. 2008-2010.

*MIT, Department of Architecture*

Ph.D. Forum Organizer, Computation Group. 2004-2006.

Lecture Series Organizer, Computation Group. 2004-2005.

Leader, Design Group, MIT Initiative on Technology and Self. 2002-2008.

Ph.D. Student Representative, Design and Computation Faculty Search. 2006.