

CHRISTOPHER A. LE DANTEC
ASSOCIATE PROFESSOR
SCHOOL OF LITERATURE, MEDIA, AND COMMUNICATION
GEORGIA INSTITUTE OF TECHNOLOGY

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I. EARNED DEGREES

Ph.D.	Human-Centered Computing	Georgia Institute of Technology	2011
B.S.	Computer Engineering	University of Arizona	1999

II. EMPLOYMENT

Associate Professor	School of Literature, Media, and Communication Georgia Institute of Technology, Atlanta GA, USA	2017–present
Assistant Professor	School of Literature, Media, and Communication Georgia Institute of Technology, Atlanta GA, USA	2011–2017
Graduate Research Fellow	School of Interactive Computing Georgia Institute of Technology, Atlanta, GA, USA	2006–2011
Senior Interaction Designer	Sun Microsystems Prague, Czech Republic & Sydney, NSW, Australia	1999–2006
Infrastructure Engineer	NetBeans s.r.o. Prague, Czech Republic	1999

III. HONORS AND AWARDS

A. RESEARCH AWARDS

- c.21 Asad, Le Dantec, Neilsen and Diedrick (2017), Best Paper Nominee, CHI 2017
- c.16 Le Dantec & Fox (2015), Best Paper, CSCW 2015
- c.15 Asad & Le Dantec (2015), Best Paper Nominee, CSCW 2015
- Ivan Allen College “Gold Star Award” 2013
- c.10 Le Dantec (2012), Best Paper Honorable Mention, CHI 2012
- c.6 Le Dantec & Edwards (2010), Best Paper Nominee, CHI 2010
- Microsoft Graduate Research Fellow, 2009–2011
- College of Computing Outstanding Graduate Research Assistant. 2008–2009.
- Foley Scholar, 2008–2009
- School of Interactive Computing, Ph.D. Student Research Excellence Commendation, 2008
- c.1 Le Dantec & Edwards (2008), Best Paper, CHI 2008

B. PROFESSIONAL AND LEADERSHIP AWARDS

- Moving the Needle (Finalist), Atlanta Metro Chamber E3 Awards (Cycle Atlanta), 2015
- Innovation of the Year, Young Professionals in Transportation (Cycle Atlanta), 2015
- Atlanta Magazine Groundbreakers Award, Finalist (Cycle Atlanta/Midtown Buzz), 2014

IV. RESEARCH, SCHOLARSHIP, AND CREATIVE ACTIVITIES

A. PUBLISHED BOOKS, BOOK CHAPTERS, AND EDITED VOLUMES

Note: * indicates since joining LMC

A1. Books

b.1* Le Dantec, C. A. (2016) *Designing Publics*. MIT Press

A2. Refereed Book Chapters

bc.2* Le Dantec, C. A., Appleton, C., Asad, M., Rosenberger, R., & Watkins, K. (2016) Advocating Through Data: Community Visibilities in Crowdsourced Cycling Data. In A. Golub, M. L. Hoffmann, A. E. Lugo, G. F. Sandoval (Eds). *Bicycle Justice and Urban Transformation: Biking For All?* Routledge.

bc.1 Le Dantec, C. A., & Do, E. Y-L. (2009). The Mechanisms of Value Transfer in Design Meetings. In J. McDonnell & P. Lloyd (Eds.), *About: Designing - Analysing Design Meetings*. Taylor and Francis.

A3. Edited Volumes

None

B. REFEREED PUBLICATIONS AND SUBMITTED ARTICLES

Note: **Bold** indicates student co-authors, * indicates since joining LMC.

B1. Published and Accepted Journal Articles

j.6* Diedrick, K. and Le Dantec, C. A. (2017). Atlanta's Westside residents challenge the rules of sport mega-development, *Third World Thematics: A TWQ Journal*, 2(1), 54-68.

j.5* **Misra, A.**, Gooze, A., Watkins, K., Asad, M., & Le Dantec, C. A. (2014). Crowdsourcing and Its Application to Transportation Planning. *Transportation Research Record: Journal of the Transportation Research Board*. 2414(2014), 1-8.

j.4* Le Dantec, C. A., & DiSalvo, C. (2013). Infrastructuring and the Formation of Publics in Participatory Design. *Social Studies of Science*, 43(2), 241-264.

j.3 Le Dantec, C. A. (2010). Situating Design As Social Creation And Cultural Cognition. *CoDesign*, 6(4), 207-224.

j.2 Reilly, D., Volda, S., McKeon, M., Le Dantec, C. A., Bunde-Pedersen, J., Forslund, C., et al. (2010). Space Matters: Physical-Digital and Physical-Virtual Codesign in inSpace. *IEEE Pervasive Computing*, 9(3), 54-63.

- j.1 Le Dantec, C. A., & Do, E. Y-L. (2009). The Mechanisms of Value Transfer in Design Meetings. *Design Studies*, 30(2), 119–137.

B2. Conference Presentations with Proceedings (Refereed)

- c.21* **Asad, M.**, Le Dantec, C. A, Neilsen, B., and Diedrick, K. (2017) Creating a Socio-Technical API: Designing City-Scale Community Engagement (pp. 2295–2306). *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems*, ACM..
25% Acceptance Rate. **Nominated for Best Paper (Top 5% of submissions)**
- c.20* **Asad, M.**, & Le Dantec, C. A. (2017) Tap the “Make This Public” Button: A Design-Based Inquiry into Issue Advocacy and Civic Media (pp. 6304–6316). *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems*, ACM.
25% Acceptance Rate.
- c.19* **Jenkins, T.**, Le Dantec, C. A., DiSalvo, C., Lodato T., & Asad, M. (2016). Object Oriented Publics, *CHI '16: Proceedings of the thirtieth annual SIGCHI conference on Human factors in computing systems* ACM.
23.4% Acceptance Rate.
- c.18* Watkins, K., Ammanamanchi, R., LaMondia, J., and Le Dantec, C. A. (2016). Comparison of Smartphone-based Cyclists GPS Data Sources. *Transportation Research Board 2016 Annual Meeting*.
~50% Acceptance Rate.
- c.17* Le Dantec, C. A., Watkins, K. E., Clark, R., & Mynatt, E. (2015). Cycle Atlanta and OneBusAway: Driving innovation through the data ecosystems of civic computing. In M. Kurosu (Ed.), *Human-Computer Interaction Users and Contexts: Proceedings 17th International Conference, HCI International 2015 Part III* (pp. 327–338). Springer.
- c.16* Le Dantec, C. A. & Fox, S. (2015). Strangers at the Gate: Gaining Access, Building Rapport, and Co-Constructing Community-Based Research. (pp. 1348–1358). *CSCW 2015: Proceedings of the ACM 2015 conference on Computer supported cooperative work*, ACM.
28.3% Acceptance Rate. **Awarded Best Paper (Top 1% of submissions)**
- c.15* **Asad, M.**, & Le Dantec, C. A. (2015). [Il]legitimate Civic Participation: Technology’s Role in Working the System, Inside and Out. (pp. 1694–1703). *CSCW 2015: Proceedings of the ACM 2015 conference on Computer supported cooperative work*, ACM.
28.3% Acceptance Rate. **Nominated for Best Paper (Top 5% of submissions)**
- c.14* Le Dantec, C. A., Asad, M., Misra, A., & Watkins, K. (2015). Planning Through Data: Rhetoric and Representation in Transportation Planning. (pp. 1717–1727). *CSCW*

2015: *Proceedings of the ACM 2015 conference on Computer supported cooperative work*, ACM.

28.3% Acceptance Rate.

c.13* **Misra, A.**, Watkins, K. E., & Le Dantec, C. A. (2015). Socio-demographic Influence on Cyclists' Self Classification by Rider Type. *Transportation Research Board 2015 Annual Meeting*.

~50% Acceptance Rate.

c.12* **Fox, S.**, & Le Dantec, C. A. (2014) Community Historians: Scaffolding Community Engagement through Culture and Heritage (pp. 785–794). *DIS '14: Proceedings of the conference on Designing interactive systems*. ACM.

26% Acceptance Rate.

c.11* **Asad, M.**, Fox, S., & Le Dantec, C. A. (2014). Speculative Activist Technologies (pp. 229–243). In *iConference 2014*.

36% Acceptance Rate.

c.10* Le Dantec, C. A. (2012). Participation and Publics: Supporting Community Engagement (pp. 1351–1360). *CHI '12: Proceedings of the thirtieth annual SIGCHI conference on Human factors in computing systems*, ACM.

23% Acceptance Rate. **Nominated for Best Paper (Top 5% of submissions)**

c.9* Massimi, M., Dimond, J. P., & Le Dantec, C. A. (2012). Finding A New Normal: The Role Of Technology In Life Disruptions (pp. 719–728). *Proceedings of the ACM 2012 conference on Computer Supported Cooperative Work*, ACM.

25% Acceptance Rate.

c.8 Le Dantec, C. A., Farrell, R. G., Christensen, J. E., Bailey, M., Ellis, J. B., Kellogg, W. A., & Edwards, W. K. (2011). Publics in Practice: Ubiquitous Computing at a Shelter for Homeless Mothers (pp. 1687–1696). *CHI '11: Proceedings of the twenty-ninth annual SIGCHI conference on Human factors in computing systems*, ACM.

26% Acceptance Rate.

c.7 Le Dantec, C. A., Christensen, J. E., Bailey, M., Farrell, R. G., Ellis, J. B., Davis, C. M., Kellogg, W. A., & Edwards, W. K. (2010). A Tale of Two Publics: Democratizing Design at the Margins (pp. 11–20). *DIS '10: Proceedings of the conference on Designing interactive systems*, ACM.

15% Acceptance Rate.

c.6 Le Dantec, C. A. & Edwards, W. K. (2010). Across Boundaries of Influence and Accountability: The Multiple Scales of Public Sector Information Systems (pp. 113–

122). *CHI '10: Proceedings of the 28th international conference on Human factors in computing systems*, ACM.

22% Acceptance Rate. **Nominated for Best Paper (Top 5% of submissions)**

- c.5 Le Dantec, C. A. (2009). Situated Design: Toward an Understanding of Design through Social Creation and Cultural Cognition (pp. 69–78). *C&C '09: Proceedings of the seventh ACM conference on Creativity and cognition*, ACM.

25% Acceptance Rate.

- c.4 Le Dantec, C. A., Poole, E. S., & Wyche, S. P. (2009). Values as Lived Experience: Evolving Value Sensitive Design in Support of Value Discovery (pp. 1141–1150). *CHI '09: Proceedings of the 27th international conference on Human factors in computing systems*, ACM.

25% Acceptance Rate.

- c.3 Poole, E. S., Le Dantec, C. A., Eagan, J. R., & Edwards, W. K. (2008). Reflecting on the Invisible: Understanding End-User Perceptions of Ubiquitous Computing (pp. 192–201). *UbiComp '08: Proceedings of the 10th international conference on Ubiquitous computing*, ACM.

19% Acceptance Rate.

- c.2 Le Dantec, C. A. & Edwards, W. K. (2008). The View from the Trenches: Organization, Power, and Technology at Two Nonprofit Homeless Outreach Centers (pp. 589–598). *CSCW '08: Proceedings of the ACM 2008 conference on Computer supported cooperative work*, ACM.

23% Acceptance Rate.

- c.1 Le Dantec, C. A. & Edwards, W. K. (2008). Designs On Dignity: Perceptions Of Technology Among The Homeless (pp. 627–636). *CHI '08: Proceedings of the twenty-sixth annual SIGCHI conference on Human factors in computing systems*, ACM.

22% Acceptance Rate. **Awarded Best Paper (Top 1% of submissions)**

B3 Other refereed material

- o.9* Vlachokyriakos, V., Crivellaro, C., Le Dantec, C. A., Gordon, E., Wright, P., & Olivier, P. (2016) Digital Civics: Citizen Empowerment With and Through Technology. In *CHI '16: Proceedings of the 2016 ACM annual conference on Human Factors in Computing Systems*, New York, NY, USA. ACM.

- o.8* Vlachokyriakos, V., Comber, R., Crivellar, C., Taylor, N., Kuznetsov, S., Le Dantec, C. A., Kim, J., (2015) Designing Alternative Systems for local Communities. *CHI 2015: Proceedings of the 33rd international conference on Human factors in computing systems*, Seoul, Korea. April 18–19, ACM.

- 0.7* Le Dantec, C. A. (2014) Data-Based Participation: Mediating Civic Engagement with Mobile Computing. In *HCOMP 2014/Citizen + X: Workshop on Volunteer-based Crowdsourcing in Science, Public Health and Government*, Pittsburgh, PA. November 2.
- 0.6* Bertelsen, O. W., Bødker, S., Brynskov, M., Le Dantec, C. A., Kanstrup, A. M., & Pipek, V. (2013). Participatory Publics: Civic Technology And Local Communities. *ECSCW 2013: European Conference on Computer-Supported Cooperative Work*.
- 0.5* Hendry, D. G., Hersberger, J., Le Dantec, C. A., Nardi, B., & Woelfer, J. P. (2011). Homelessness and Information Systems: Diverse Settings, Common Questions. *iConference 2011*.
- 0.4 Le Dantec, C. A. (2009) Legitimacy at the Outskirts: Categories, Use, and Adoption in Marginal Communities. *UbiComp 2009: Workshop: Globicomp*.
- 0.3 DiSalvo, C., Light, A., Hirsch, T., Le Dantec, C. A., Goodman, L., & Hill, K. (2010). HCI, Communities and Politics. *CHI 2010: Proceeding of the twenty-eighth annual SIGCHI conference on Human factors in computing systems*.
- 0.2 schraefel, m. c., André, P., White, R., Tan, D., Berners-Lee, T., Consolvo, S., Jacobs, R., Kohane, I., Le Dantec, C. A., Mamykina, L., Marsden, G., Shneiderman, B., Szolovits, P., & Weitzner, D. (2009). Interacting with eHealth: Towards Grand Challenges For HCI. *CHI EA 2009: Proceedings of the 27th international conference extended abstracts on Human factors in computing systems*.
- 0.1 Le Dantec, C. A. & Poole, E. S. (2008) The Value of Pictures: Photo Elicitation Techniques for Engaging Users. *CHI EA 2008: Workshop – Values, Value and Worth*.

B4. Submitted Journal and Conference Articles

- s.3* Misra, A., Watkins, K. E., Mokhtaria, P., Le Dantec, C. A. (2017) Socio-demographic Influence on Rider Type Self-Classification and Infrastructure Preference with Respect to Bicycling: A Case Study of Bicyclists in Atlanta. *Transportation Research Part A*.
- s.2 Corbett, E. and Le Dantec, C. A. (2017) The Problem of Community Engagement: Disentangling the Practices of Municipal Government. *CHI 2018*
- s.1 Corbett, E. and Le Dantec, C. A. (2017) Going the Distance: Trust Work in Citizen Participation. *CHI 2018*

C. OTHER PUBLICATIONS AND CREATIVE PRODUCTS

C1. Software

- w.3* Our Community Is. *A collection of interactive web applications supporting community engagement, cultural heritage, and shared identity.*
<http://ourcommunity.is>
<http://archive.ourcommunity.is>
<http://westsidesoul.net>
<http://communityhistorians.net>
- w.2* Cycle Atlanta. *Smartphone apps and backend services for crowdsourcing bike routes.*
<http://cycleatlanta.org>
<https://github.com/cledantec/cycleatlanta.org>
<https://github.com/cledantec/Cycle-Atlanta-iOS>
<https://github.com/cledantec/Cycle-Atlanta-Android>
- w.1 Community Resource Messenger. *Communication platform for social service providers and their clients.*
<http://atlantacrm.org>

C2. Publications (non-refereed)

- e.8* Le Dantec, C.A. (2017) Cover: Design Through Collective Action/Collective Action Through Design. *interactions*, 12(1), 24–30.
- e.7* Le Dantec, C. A. (2015) Book Review: Taking [A]Part: The Politics and Aesthetics of Participation in Experience- Centered Design. *Computer Supported Cooperative Work*.
- e.6* Asad, M., DiSalvo, C., Le Dantec, C. A. (Spring 2015). The Prismatic City: Technology's Role in Civic Participation. *Civic Quarterly*.
- e.5* Le Dantec, C. A. (May 20, 2014). The Right Way to Make Cities Smart. *The Atlantic*.
- e.4* Le Dantec, C. A. (2012). Forum: Considering the Rights (and Wrongs) of Community Technology. *interactions*, 19(4), 24–27.
- e.3 Le Dantec, C. A. (2010). What Technology Says. *Ambidextrous: Stanford's Journal of Design*. Spring. 30–32.
- e.2 Le Dantec, C. A. (2008). Feature: Life at the Margins: Assessing the Role of Technology for the Urban Homeless. *interactions*, 15(5), 24–27.
- e.1 Volda, S., McKeon, M., Le Dantec, C. A., Forslund, C., Verma, P., McMillan, B., Bunde-Pedersen, J., Edwards, W. K., Mynatt, E. D., & Mazalek, A. (2008). inSpace: Co-Designing the Physical and Digital Environment to Support Workplace

Collaboration. *GVU Technical Report; GIT-GVU-08-03*. Georgia Institute of Technology.

C3. Patents Issued

None.

D. PRESENTATIONS

D1. Invited Keynote Addresses

ik.1* Le Dantec, C. A. (2016). Communities, Publics, and Governance: New Forms of Data-Based Participation. *Digital Economy Network Summer School at University of Newcastle*, June 18. Newcastle, UK.

D2. Invited Papers and Talks at Meetings and Symposia

i.38* Le Dantec, C. A. (2017). Designing Digital Civics. *Georgia Institute of Technology, GVU Center Brown Bag*. Atlanta, GA, April 13, 2017.

i.37* Le Dantec, C. A. (2017). Designing Digital Civics. *University of Washington, School of Human Centered Design and Engineering*. Seattle, WA, March 30, 2017.

i.36* Le Dantec, C. A. (2017). Beyond Deliberation Designing Community Engagement. *Stanford University, Department of Computer Science*. Palo Alto, CA, February 24, 2017.

i.35* Le Dantec, C. A. (2017). Designing Digital Civics. *University of California, Santa Cruz, School of Engineering*. Santa Cruz, CA, February 23, 2017.

i.34* Le Dantec, C. A. (2017). Designing Digital Civics. *Cornell University, School of Information Sciences*. Ithaca, NY, January 25, 2017.

i.33* Le Dantec, C. A. (2016). Infrastructures of Digital Civics: Transportation, Advocacy, and Mobile Computing. *Infrastructures of Publics – Publics of Infrastructures at University of Siegen*, December 10. Siegen, Germany, December 9.

i.32* Le Dantec, C. A. (2016). Producing Digital Civics. *Design@Large Speaker Series, University of California, San Diego*. San Diego, CA, October 19.

i.31* Le Dantec, C. A. (2016). Smart Cities and Community Engagement: Imagining a new Digital Civics. *Mandela Washington Fellowship for Young African Leaders Initiative*. Atlanta, GA, July 28.

i.30* Le Dantec, C. A. (2016). Shadow of the Domes: Community Response to the 1992 Georgia Dom and the 2017 Mercedes-Benz Stadium. *The 1996 Atlanta Olympics: Assessing Multiple Legacies*. Atlanta, GA, March 21.

- i.29* Le Dantec, C. A. (2016). Panel: Cities of the Future *IPaT Industry Innovation Day*. Atlanta, GA, March 13.
- i.28* Le Dantec, C. A. (2015). Designing Publics *IT University of Copenhagen*. Copenhagen, Denmark, December 8.
- i.27* Le Dantec, C. A. (2015). The Role of Theory in Design Practice: Perspectives on Values in Design *Human-Computer Interaction Consortium*. Watsonville CA. June 28–July 1.
- i.26* Le Dantec, C. A. (2015). Panel: Different Theories in HCI *Human-Computer Interaction Consortium*. Watsonville CA. June 28–July 1.
- i.25* Le Dantec, C. A. (2015). Commoning the City: Cycle Atlanta *Intel Science and Technology Center for Social Computing*. Atlanta, GA. May 6–7.
- i.24* Le Dantec, C. A. (2014). Civic Data and Citizenship *Intel Science and Technology Center for Social Computing*. Atlanta, GA. May 19.
- i.23* Le Dantec, C. A. (2014). Designing Publics. *University of California, San Diego*. La Jolla, CA. May 7.
- i.22* Le Dantec, C. A. (2013). CSCW beyond W: Option or necessity? *ECSCW 2013*. Paphos, Cyprus, September 23.
- i.21* Le Dantec, C. A. (2013). Designing Publics. *Summer School at the Center for Participatory Information Technology*. Aarhus, Denmark, August 12.
- i.20* Le Dantec, C. A. (2013). Digital and Physical Spaces Panel: Cycle Atlanta: Data-Driven Discourse in City Planning. *Drexel University, Symposium on Urban Informatics*. Philadelphia, PA. June 11.
- i.19* Le Dantec, C. A. (2013). Technology on the Frontier of Citizen Action: Promoting Participation, Increasing Access, and Expanding Opportunity. *Ivan Allen College Founders Day Research Roundtable*. Atlanta, GA. March 13.
- i.18* Le Dantec, C. A. (2012). Humanitarian Systems: Designing for Complex Socio-technical Systems. *Institute for People and Technology*. Atlanta, GA. December 12.
- i.17* Le Dantec, C. A. (2012). Cycle Atlanta: Crowd-sourced Bike Route Desirability. *GVU Brown Bag*. Atlanta, GA. August 23.
- i.16* Le Dantec, C. A. (2012). Workshop Methods for Accounting for Values in Human-Centered. *CHI '12: ACM SIGCHI Conference on Human Factors in Computing Systems 2012*. Austin, TX. May 6.

- i.15* Le Dantec, C. A. (2012). Community Computing Meets Midtown Buzz. *Institute for People and Technology*. Atlanta, GA. March 3.
- i.14* Le Dantec, C. A. (2012). Community Computing: Building Socio-technical Infrastructures of Participation. *University of Colorado, department of Computer Science*. Boulder, CO. February 20.
- i.13 Le Dantec, C. A. (2011). Community Resource Messenger: Exploring Mobile Technologies for the Urban Homeless. *Nokia Research Center*. Palo Alto, CA. April 4.
- i.12 Le Dantec, C. A. (2011). Community Resource Messenger: Exploring Mobile Technologies for the Urban Homeless. *Georgetown University, department of Communication, Culture, and Technology*. Washington, D.C. March 31.
- i.11 Le Dantec, C. A. (2011). Community Resource Messenger: Exploring Mobile Technologies for the Urban Homeless. *School of Literature, Communication, and Culture*. Atlanta, GA. February 25.
- i.10 Le Dantec, C. A. (2011). Community Resource Messenger: Exploring Mobile Technologies for the Urban Homeless. *GVU Brown Bag*. Atlanta, GA. January 20.
- i.9 Le Dantec, C. A. (2010). Community Resource Messenger: Exploring Mobile Technologies for the Urban Homeless. *Intel Research*, Portland, OR. November 8.
- i.8 Le Dantec, C. A. (2010). Across Boundaries of Influence and Accountability: The Multiple Scales of Public Sector Information Systems. *GVU Brown Bag*. Atlanta, GA. May 18.
- i.7 Le Dantec, C. A. (2009). Values as Lived Experience: Evolving Value Sensitive Design in Support of Value Discovery. *GVU Brown Bag*. Atlanta, GA. April 2.
- i.6 Le Dantec, C. A. (2009). Investigating Questions that Cut Across Technology and Society. *GVU Brown Bag*. Atlanta, GA. February 26.
- i.5 Le Dantec, C. A. (2008). The View From the Trenches: Organization, Power, and Technology at Two Nonprofit Homeless Outreach Centers. *GVU Brown Bag*. Atlanta, GA. November 20.
- i.4 Le Dantec, C. A. (2008). Overcoming the Digital Divide with Mobile Technologies. *Community Voice Mail Annual Meeting*. Seattle, WA. October 3.
- i.3 Le Dantec, C. A. (2008). Technology and Homelessness: Touch Points and Values. *University of Washington iSchool*. Seattle, WA. October 2.
- i.2 Le Dantec, C. A. (2008). Designs on Dignity: Perceptions of Technology Among the Homeless. *GVU Brown Bag*. Atlanta, GA. March 13.

- i.1 Le Dantec, C. A. (2002). HCI Practice in Prague. *IFIP TC-13 Annual Meeting*. Prague, Czech Republic. March 2.

E. GRANTS AND CONTRACTS

E1. As Principal Investigator

Title: Public Service Pathway Course Support
Agency/Company: Center for Serve-Learn-Sustain
Total Dollar Amount: \$2,450
Role: PI
Collaborators: None
Period of Contract: Spring 2016

Title: SLS Trainer
Agency/Company: Center for Serve-Learn-Sustain
Total Dollar Amount: \$1,000
Role: PI
Collaborators: None
Period of Contract: Spring 2016

Title: CHS: Small: Tools and Techniques for Supporting the Urban Public
Agency/Company: National Science Foundation
Total Dollar Amount: \$499,823
Role: PI
Collaborators: None
Period of Contract: June 2015–July 2018

Title: Designing Publics: Final Data Analysis & Manuscript Completion
Agency/Company: IAC Small Grants for Research
Total Dollar Amount: \$7,000
Role: PI
Collaborators: None
Period of Contract: 2015

Title: Civic Media: Designing Applications to Support Civic Engagement
Agency/Company: IAC Small Grants for Research
Total Dollar Amount: \$20,000
Role: PI
Collaborators: None
Period of Contract: 2012–2013

E2. As Co-principal Investigator

Title: REU Site: Civic Data Science
Agency/Company: National Science Foundation

Total Dollar Amount: \$359,961
Role: co-PI
Collaborators: Dr. Bistra Dilkina, GT CoC
Period of Contract: 2017–2020

Title: Cycle Atlanta App Development
Agency/Company: Georgia Department of Transportation and U.S. Department of Transportation (Southeastern Transportation Research, Innovation, Development and Education Center)
Total Dollar Amount: \$97,912
Role: co-PI
Collaborators: Dr. Kari Watkins, GT CoE
Period of Contract: 2016

Title: Digital Deliberation
Agency/Company: IAC Digital Integrative Liberal Arts Center (Melon Foundation)
Total Dollar Amount: \$20,000
Role: Co-PI
Collaborators: Dr. Michael Hoffmann, GT IAC
Period of Contract: 2015

Title: Using Crowdsourcing to Prioritize Bicycle Route Network Improvements
Agency/Company: U.S. Department of Transportation (Southeastern Transportation Research, Innovation, Development and Education Center)
Total Dollar Amount: \$100,000 (\$50,000 to Georgia Tech)
Role: Co-PI
Collaborators: Dr. Kari Watkins, GT CoE, Dr. Jeff LaMondia, Auburn
Period of Contract: 2013–2015

Title: Using Crowdsourcing to Prioritize Bicycle Route Network Improvements
Agency/Company: Georgia Department of Transportation
Total Dollar Amount: \$50,000
Role: Co-PI
Collaborators: Dr. Kari Watkins, GT CoE
Period of Contract: 2013–2015

Title: A Proposal to Support Wearable Computing Research at the Georgia Tech GVU Center
Agency/Company: Google (Via GVU Center)
Total Dollar Amount: \$25,000 and 12 Google Glass devices
Role: Co-PI
Collaborators: Dr. Gregory Abowd, Dr. Keith Edwards, Dr. Maysam Ghovanloo, Dr. Melody Moore Jackson, Dr. James M. Rehg, and Dr. Mark Riedl all at GT CoC
Period of Contract: 2013

Title: Cycle Atlanta Crowd-sourced Bike Route Desirability
Agency/Company: City of Atlanta and GVU/IPaT
Total Dollar Amount: \$34,000
Role: Co-PI
Collaborators: Dr. Kari Watkins, GT CoE
Period of Contract: 2012–2013

Title: Intel Science and Technology Center for Social Computing
Agency/Company: Intel
Total Dollar Amount: \$12.5M (\$1.625M to Georgia Tech)
Role: Co-PI
Collaborators: Dr. Paul Dourish UC Irvine, Dr. Jeffrey Bardzell Indiana University, Dr. Shaowen Bardzell Indiana University, Dr. Tom Boellstorff UC Irvine, Dr. Ian Bogost Georgia Tech, Dr. Geof Bowker UC Irvine, Carl DiSalvo Georgia Tech, Dr. Tarleton Gillespie Cornell University, Dr. Gillian Hayes UC Irvine, Dr. Steve Jackson Cornell University, Dr. Scott Mainwaring Intel, Dr. Bill Maurer UC Irvine, Dr. Melissa Mazmanian UC Irvine, Dr. Kavita Philip UC Irvine, Dr. Helen Nissenbaum New York University, Dr. Erica Robles-Anderson New York University, Dr. Eric Stolterman Indiana University, and Dr. Phoebe Sengers Cornell University
Period of Contract: 2012–2015

Title: Technology at the Margins: The Urban Homeless as a Lens on the Needs of Users Outside the Mainstream
Agency/Company: National Science Foundation
Total Dollar Amount: \$499,249
Role: Co-PI
Collaborators: Dr. Keith Edwards, GT CoC
Period of Contract: 2009–2012

E3. As Senior Personnel or Contributor

Title: City Accelerator: Westside Speaks
Agency/Company: Living Cities Foundation
Total Dollar Amount: \$100,000 (To City of Atlanta)
Role: Contributor
Collaborators: None
Period of Contract: 2015–2016

E4. Pending Proposals

Title: Data Practices of Human Rights Advocacy
Agency/Company: Mozilla
Total Dollar Amount: \$75,000
Role: PI
Collaborators: None
Period of Contract: 2017–2018

E5. Proposals Submitted But Not Funded

Note: last two years only.

Title: CAREER: Data-Driven Civic Participation: Smart Citizens Making Smart Cities
Agency/Company: National Science Foundation
Total Dollar Amount: \$633,740
Role: PI
Collaborators: None
Period of Contract: 2017–2022

Title: EAGER: NIST GCTC Crowdsourcing Preference Data for Transportation Infrastructure
Agency/Company: National Science Foundation
Total Dollar Amount: \$299,991
Role: PI
Collaborators: Dr. Kari Watkins, GT CoE
Period of Contract: 2016–2018

Title: Identifying New Sources Of Cyclist Risk Location Data Infrastructure
Agency/Company: Georgia Governor's Office of Highway Safety
Total Dollar Amount: \$250,000
Role: co-PI
Collaborators: Dr. Kari Watkins, GT CoE
Period of Contract: 2016–2017

Title: Community Historians: Digital Oral Histories and Common Heritage
Agency/Company: National Endowment for the Humanities
Total Dollar Amount: \$12,000
Role: PI
Collaborators: None
Period of Contract: 2016

Title: CAREER: Data-Based Civic Participation: Smart Citizens Making Smart Cities
Agency/Company: National Science Foundation
Total Dollar Amount: \$600,000
Role: PI
Collaborators: None
Period of Contract: 2016–2021

Title: CAREER: Data-Based Civic Participation: Smart Citizens Making Smart Cities
Agency/Company: National Science Foundation
Total Dollar Amount: \$600,000
Role: PI
Collaborators: None
Period of Contract: 2015–2020

F. OTHER SCHOLARLY AND CREATIVE ACCOMPLISHMENTS

None

G. SOCIETAL AND POLICY IMPACTS

G1. Media Coverage

- n.11 Becker, T.J. (June, 2017) Smart Cities, *Research Horizons*.
- n.10 Littlefield, R. (November 22, 2016) Tearing Down the 'Town and Gown' Divide, *Governing Magazine*.
- n.9 Powell, A. (July 19, 2016) Creating a Community Engagement Playbook, *GT Institute for People and Technology*.
- n.8 Shamma, T. (July 8, 2015) GA Tech Data Science Interns Develop App for Planting Trees, *National Public Radio*.
- n.7 Israel, B. (March 17, 2015) How we're mapping Atlanta cyclist's preferences, *Georgia Tech Amplifier*.
- n.6 Lee, T. (August 19, 2014) Groundbreakers Finalist: Midtown Buzz—For linking communities through mobile tech, *Atlanta Magazine*.
- n.5 Eagleton, M. (February 12, 2014) Cycle Stillwater Recognized as Top 10 'Best Things' *Stillwater News Press*.
- n.4 Unattributed (May 20, 2013) Georgia Highway Safety Officials, Bicycle Advocates Call For Safer Cycling Year In 2013, *The Chattanooga*.
- n.3 Beasley, K. (April 25, 2013) Georgia Tech students help design transit apps, *Fox 5 Atlanta*.
- n.2 Sweeney, K. (April 12, 2013) Cycling in Atlanta: Gaining Momentum, *National Public Radio*.
- n.1 Wheatley, T. (October 12, 2012) City, Georgia Tech roll out Cycle Atlanta bicycling app, *Creative Loafing*.

H. OTHER PROFESSIONAL ACTIVITIES

H1. Invitation-only Consortia

Humanities Data Visualization Workshop, February 2016.

Invitation-only workshop bringing together leading humanities scholars with visualization designers and researchers to explore and to prototype humanities data.

Annual meeting for the Intel Science and Technology Center (ISCT) in Social Computing, March 2012, May 2013, and May 2014.

Invitation-only workshop for and research staff associated with the center.

Computing Research Association/Computing Community Consortium Workshop on Ultra-scale Interaction, October 2010.

Invitation-only workshop to set national research agenda on large-scale interaction.

NSF Workshop on Values in Design, May 2010.

Invitation-only workshop exploring values in information and communication technology

NSF workshop on Computing at the Margins, February 2010.

Invitation-only workshop developing grand challenges for research focused at social margins in western and global contexts.

NSF Workshop on Values in Design, August 2008.

Invitation-only workshop exploring values in information and communication technology

NSF Workshop on Design Research, May 2007.

Invitation-only workshop on multi-disciplinary approaches to design research.

V. TEACHING

A. COURSES TAUGHT

Term/Year	Course	Enrollment
Fall 2017	LMC 6399: Discovery & Invention	20
Fall 2017	LMC 6998: HCI Masters Project	1
Fall 2017	LMC 3710: Principles of Interaction Design	21
Spring 2017	LMC 6650: Project Studio	10
Spring 2017	LMC 3710: Principles of Interaction Design	24
Fall 2016	LMC 6399: Discovery & Invention	19
Fall 2016	ECE 2811/3811: VIP Digital Deliberation	3
Spring 2016	LMC 6399: Discovery & Invention	17
Spring 2016	LMC 8910: Special Problems	1
Spring 2016	LMC 6650: Project Studio	12
Spring 2016	LMC 8801: Special Topics	8
Spring 2016	LMC 4699: Undergraduate Research	1
Spring 2016	LMC 6998: HCI Master's Project	2
Fall 2015	LMC 3705: Principles of Information Design	19
Fall 2015	LMC 6650: Project Studio	6
Fall 2015	LMC 6998: HCI Master's Project	2
Spring 2015	LMC 6399: Discovery & Invention	17
Spring 2015	LMC 6314: Design of Networked Media	12
Spring 2015	LMC 8910: Special Problems	1
Fall 2014	LMC 8910: Special Problems	2
Spring 2014	LCC 3710: Principles of Interaction Design	20
Spring 2014	LCC 6650: Project Studio	4
Spring 2014	LCC 8903: Special Problems in HCI	1
Fall 2013	LCC 3705: Principles of Information Design	21
Fall 2013	LCC 6650: Project Studio	7
Spring 2013	LCC 6650: Project Studio	9
Spring 2013	LCC 6314: Design Networked Media	9
Spring 2013	LCC 4699: Undergraduate Research	1
Fall 2012	LCC 2700: Intro-Computational Media	81
Fall 2012	LCC 8910: Special Problems	1
Summer 2012	LCC 7000: Master's Thesis	1

Spring 2012	LCC 6650: Project Studio	2
Fall 2011	LCC 6314: Design Networked Media	14
Fall 2010	CS 6456: Principles of User Interface Software	7
Fall 2010	CS 4460 : Introduction to User Interface Software	26

B. INDIVIDUAL STUDENT GUIDANCE

B1. Ph.D. Students Advised

Adriana Alvarado Garcia , Digital Media, 2017–present
Status: Pre-qualifier

Fernando Rochaix, Digital Media, 2017–present
Status: Pre-qualifier

Eric Corbett, Digital Media, 2014–present
Publications: s.1
Awards: SREB Doctoral Fellowship, Generation Google Scholarship
Status: Pre-proposal

Mariam Asad, Digital Media, 2012–present
Publications: c.11, c.15, c.20, c.21, s.1, j.5
Awards: Pacific Standard 30 under 30, CSCW Best Paper Nominee (2015),
Foley Scholar 2016, Ivan Allen College Legacy Award,
CHI Best Paper Nominee (2017)
Status: Pre-proposal

B2. M.S. Students Supervised

Meghana Melkote, MS-HCI, 2016–present
Gayatri Gaekwad, Digital Media M.S., 2016–present
Yuan Gao, MS-HCI M.S., 2015–2016
Meijie Xia, MS-HCI M.S., 2015–2016
Kristan Wolford, Digital Media M.S., 2015–2017
Russell Huffman, Digital Media M.S., 2015–2016
Jessica Lewis, Digital Media M.S., 2014–2016
Beth Godfrey, Digital Media M.S., 2013–2015
Jesse Shedd, Digital Media M.S., 2013–2015
Anhong Guo, MS-HCI M.S., 2012–2014
Jonathan Cutrell, Digital Media M.S., 2011–2013

Sarah Fox, Digital Media M.S., 2011–2013

B3. Undergraduate Students Supervised

Yonatan Weinberg, BS HTS: Fall 2017

Diana Milton, BS CS: Fall 2017

Becky Nielsen, BS CM: Spring–Summer 2016

Leonie Reif, BS CS: Spring 2016

Rebecca Hamm, BS CM: Spring 2013

Rohit Ammanamanchi, Civil Eng.: Spring 2013–2016

B4. Service on Thesis or Dissertation Committees

B4.1 Ph.D Committees

Jimmy Tidey, Royal College of Art, London, UK, 2017

Maria Menendez Blanco, University of Trento, Italy, 2016–2017

Clara Crivellaro, Newcastle University, UK, 2016

Camille Barchers, City and Regional Planning Ph.D. thesis committee, 2016–present

Sarah Schoemann, Digital Media Ph.D. thesis committee, 2015–present

Alex Godwin, HCC Ph.D. thesis committee, 2015–present

Tom Jenkins, Digital Media Ph.D. thesis committee, 2014–present

Aditi Misra, Civil Engineering Ph.D. thesis committee, 2013–2016

Thomas Lodato, Digital Media Ph.D. thesis committee, 2013–2015

B4.2 M.S. Committees

Christina Lucas, Digital Media M.S., 2016–present

Zixuan Wang, Digital Media MS committee, 2016–2017

Wenxin (Sally) Xia, Digital Media MS committee, 2016–2017

Jessica Anderson, Digital Media MS committee, 2014–2016

Mauricio Urueña, Digital Media MS committee, 2013–2016

Mike Carpenter, Industrial Design MS committee, 2013–2014

Ben Pincus, Digital Media MS committee, 2013–2014

Nancy Thanki, Digital Media MS committee, 2012–2013

Shannon Yao, Digital Media MS committee, 2011–2012

Don Fernandez, Digital Media MS committee, 2011–2012

B5. Mentorship of Postdoctoral Fellows or Visiting Scholars

None

C. OTHER TEACHING ACTIVITIES

C1. Summer School/Internship Programs

Data Science for Social Good Atlanta Summer Internship, 2014 (mentor), 2015–present (co-director with Dr. Ellen Zegura, GT CoC and Dr. Bistra Dilkina, GT CoC).

Summer internship program hosted at Georgia Tech that brings community partners and students from across the country together for 10 weeks to work on local data science projects. <http://dssg-atl.io>

C2. Curriculum Development

LCC 6650 Project Studio: Community Historians + Living Cities (Spring 2016)

Developed project studio to explore the design of interactive technologies in the service of developing new forms of community engagement through oral history and community narrative. The course was developed as part of the Public Service Pathway in the newly launched Center for Serve-Learn-Sustain program at Georgia Tech. The coursework focused on integrating sustainable communities from the perspective of cultural heritage with civic leadership via a close partnership with the Mayor's Office of Innovation Delivery.

LCC 6650 Project Studio: Seeing Like a Bike (Fall 2015)

Developed new course to explore the intersection of repair culture, making, and the Internet of things. Students used an old bicycle to build a sensor platform. First the student disassembled the bike and then rebuilt it over the course of the semester, designing sensors to collect data from the different components of the bicycle. These data streams were then integrated to create a comprehensive view of what the bike “sees” as it is moved through the world—sensing road conditions, environmental conditions, rider position, etc. The studio developed embodied design practices, and experience with mobile computing platforms and the Internet of Things.

LCC 6650 Project Studio: Designing Community Engagement (Fall 2013)

Developed new studio course to explore the design of interactive experiences for community engagement. Student projects developed a public installation to record and showcase community stories and issues in combination with the use of interactive maps, and data-driven visualizations. This studio developed participatory design practices and included substantial opportunities to work with community partners to scope, co-develop, and test design ideas and working systems.

LCC 6650 Project Studio: Civic Media, Community Engagement, Design (Fall 2013)

Developed new studio course to explore the design of interactive experiences for civic engagement. Student projects developed new systems that explored data as rhetoric and articulated community identity through the use of interactive maps, data-driven visualizations, mobile systems, and bespoke devices/services for recording and sharing content. This studio developed participatory design

practices and included substantial opportunities to work with community partners to scope, co-develop, and test design ideas and working systems.

LCC 6650 Project Studio: Civic Media, Surveillance, and Design (Spring 2013)

Developed new studio course to explore explore civic media and the opportunities for designing and deploying mobile and social technologies that involve, extend, or subvert surveillance. The course and projects were structured around the critical analysis of artifacts and systems intended for surveillance as well as those that enable surveillance as an unintended consequence.

LCC 6650 Project Studio: Design of Networked Media Course development (Spring 2012)

Developed new studio course to integrate contemporary research from ubiquitous computing, urban and community informatics, and social theory of the public sphere, engaging students through community-based design approaches. The core component of the course included conducting fieldwork and developing participatory design workshops run in neighborhoods near Georgia Tech.

LCC 6314 Design of Networked Media (Fall 2011)

Developed course structure, content, and assignments to integrate contemporary research from digital media, human-computer interaction, and science and technology studies. Students examined mobile computing through issues of access, adoption, identity, privacy, and participation in different cultural and social contexts.

VI. SERVICE

A. PROFESSIONAL CONTRIBUTIONS

A1. Memberships and Activities in Professional Societies

Member, Association for Computing Machinery (ACM): SIGCHI , ongoing
Society for the Social Studies of Science, 2011–present

A2. Conference Program Committee Activities

Associate Chair, ACM Conference on Participatory Design (PDC) 2016

Associate Chair, ACM Conference on Designing Interactive Systems (DIS) 2016

Associate Chair, Aarhus 2015 Critical Alternatives, 5th Decennial Conference 2015

Associate Chair, ACM SIGCHI Conference on Designing Interactive Systems (DIS) 2014

Associate Chair, ACM Conference on Human Factors in Computing Systems (CHI) 2014

Program Committee, ACM Conference on Creativity & Cognition (C&C) 2013

Program Committee, Symposium on Urban Informatics, 2013

Associate Chair, ACM Conference on Human Factors in Computing Systems (CHI) 2013

Associate Chair, ACM SIGCHI Conference on Designing Interactive Systems (DIS) 2012

Associate Chair, ACM Conference on Human Factors in Computing Systems (CHI) 2012

Associate Chair, ACM Conference on Human Factors in Computing Systems (CHI) 2011
Planning Committee, NSF Symposium Computing at the Margins 2009

A3. Editorial and Review Work for Technical Journals

A3.1 Editor

interactions magazine (ACM), Community+Culture Forum Editor 2012–present

A3.2 Reviewer

MIT Press: 2016

Journal New Media and Society: 2015

CoDesign: 2014

Journal of the American Society for Information Science and Technology: 2011

International Journal of Human-Computer Studies: 2009, 2010

Building Research & Information: 2009

A4. Conference Reviewing/On-Site Activities

ACM Conference on Human-Computer Interaction with Mobile Devices and Service (MobileHCI): 2012–present

ACM Conference on Creativity & Cognition (C&C): 2011–present

ACM SIGCHI Conference on Designing Interactive Systems (DIS): 2010–present

ACM Conference on Computer Supported Cooperative Work (CSCW): 2008–present

ACM Conference on Human Factors in Computing Systems (CHI): 2007–present

ACM Conference on Participatory Design (PDC): 2012–present

ACM Conference on Ubiquitous Computing (Ubicomp): 2009–present

ACM Symposium on User Interface Software and Technology (UIST): 2009

A5. External Grant Reviewing

Reviewer, Directorate for Computer and Information Science and Engineering (CISE),
National Science Foundation

B. PUBLIC AND COMMUNITY SERVICE

None.

C. INSTITUTE CONTRIBUTIONS

C1. School of Literature, Media, and Communication

MS-HCI Admissions Committee, 2015–present

Executive Committee, 2015–present

Distinguished Speaker Series, 2014–present

Digital Media Development & Assessment Committee, 2014–2015

Digital Media Outreach and Events Committee, 2013–2014

Faculty Search Committee: Digital Media Faculty, 2013–2014

Staff Search Committee: Associate Director for Undergraduate Studies, 2013

Digital Media Admissions and Professional Programs Development Committee, 2012–2013

Digital Media Strategy Committee, 2011–2012

C2. Ivan Allen College of Liberal Arts

IAC Serve-Learn-Sustain Faculty Trainer, 2015–2016

Westside Community Alliance, 2011–present