

Carl DiSalvo, Ph.D.
Assistant Professor
School of Literature, Media, and Communication
Georgia Institute of Technology

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EARNED DEGREES

Ph.D., Design, Carnegie Mellon University, 2006

M.L.S., Liberal Studies, University of Minnesota, 1997

B.F.A., Studio Art, University of Minnesota, 1994

EMPLOYMENT

Assistant Professor, School of Literature, Communication, and Culture,
The Georgia Institute of Technology, Atlanta, GA, USA (2007 – present)

Affiliated Faculty, Graphics, Visualization, and Usability Center (GVU)
The Georgia Institute of Technology, Atlanta, GA, USA (2007 – present)

Post-doctoral Fellow, The Center for the Arts in Society and The Studio for Creative Inquiry, Carnegie Mellon University, Pittsburgh, PA, USA (2006 – 2007)

Founding Partner, DeepLocal, Inc., Pittsburgh, PA, USA (2006 – 2007)

Senior Designer, MetaDesign, San Francisco, CA, USA (2000 – 2001)

SCHOLARLY ACCOMPLISHMENTS

Books

Adversarial Design, Cambridge: MIT Press, 2012.

Refereed Book Chapters

DiSalvo, Carl. “DIY Speculation Through Design.” *DIY Citizenship*. Eds. Matt Ratto and Megan Bohler. Cambridge: MIT Press. *Forthcoming, Fall 2012*.

DiSalvo, Carl, Andrew Clement, and Volkmar Pipek. “Participatory Design For, With, and By Communities.” *International Handbook of Participatory Design*. Eds. Jesper Simonsen and Toni Robertson. Oxford: Routledge. 2012: 182-209.

DiSalvo, Carl, and Jonathan Lukens. “Nonanthropocentrism and the Nonhuman in Design: Possibilities for Designing New Forms of Engagement With and Through Technology.” *From Social Butterfly to Engaged Citizen*. Eds. Marcus Foth, Laura Forlano, Christine Satchell, and Martin Gibbs. Cambridge: MIT Press. 2012, 421-435.

Refereed Journal Publications

- Freeman, Jason, Carl DiSalvo, and Michael Nitsche. "Rediscovering the City with UrbanRemix." *Leonardo. Forthcoming*, Vol. 45, No. 5 (2012): 478-479.
- Lukens, Jonathan and Carl DiSalvo. "Speculative Design as Technological Fluency." *International Journal of Media and Learning*, Vol. 3, No. 4, (2012): 23-40.
- DiSalvo, Carl, Marti Louw, David Holstius, Illah Nourbakhsh, and Ayca Akin. "Toward a Public Rhetoric Through Participatory Design: Critical Engagements and Creative Expression in the Neighborhood Networks Project." *Design Issues: Special Issue on Participatory Design*. Vol. 28, No. 3 (2012) 48-61.
- DiSalvo, Carl. "Spectacles and Tropes: Speculative Design and Contemporary Food Cultures." *Fibreculture: Special Issue on Networked Utopias and Speculative Futures*. Issue 20, (2012): 109-122.
- DiSalvo, Carl, Thomas Lodato, Laura Fries, Beth Schechter, Thomas Barnwell. "The Collective Articulation of Issues as Design Practice." *CoDesign*. Vol. 7, No. 3-4 (2011): 185-197.
- Freeman, Jason, Carl DiSalvo and Michael Nitsche. "Soundscape Composition and Field Recording as a Platform for Collaborative Creativity." *Organized Sound*. Vol. 16, No. 3 (2011): 272-281.
- DiSalvo, Carl. "Design and the Construction of Publics." *Design Issues*, Vol. 25, No. 1 (2009): 48-63.
- Forlizzi, Jodi, Carl DiSalvo, and Francine Gemperle. "Assistive Robotics and an Ecology of Elders Living Independently in Their Homes." *Human Computer Interaction: Special Issue on Human-Robot Interaction*, Vol. 19, Nos. 1-2 (2004): 25-59.

Refereed Conference Publications

- Brynjarsdóttir, Hrönn, Maria Håkansson, James Pierce, Eric P. S. Baumer, Carl DiSalvo, and Phoebe Sengers. "Sustainably Unpersuaded: How Persuasion Narrows Our Vision of Sustainability." *CHI '12: Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM Press (2012): 947-956.
- DiSalvo, Carl, Hrönn Brynjarsdóttir, and Phoebe Sengers. "Mapping the Landscape of Sustainable HCI." *CHI '10: Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM Press (2010): 1975-1984.
Best paper award.
- DiSalvo, Carl. "Design, Democracy, and Agonistic Pluralism." *DRS '10: Proceedings of the 2010 Design Research Society Conference*. (2010): 1-10.
- Tanyoung Kim and Carl DiSalvo. "Speculative Visualization: A New Rhetoric for Communicating Public Concerns." *DRS '10: Proceedings of the 2010 Design Research Society Conference*. (2010): 1-10 (digital proceedings).
- DiSalvo, Carl, and Jonathan Lukens. "Towards a Critical Technological Fluency: The Confluence of Speculative Design and Community Technology Programs." *DAC '09: Proceedings of the 2009 Digital and Arts and Culture Conference*. (2009): 1-5 (digital proceedings).
- Boehner, Kirsten, and Carl DiSalvo. "Echoes of Social Presence: A Case Study of A Cross Disciplinary Pedagogical Experiment." *DAC '09: Proceedings of the 2009 Digital and Arts and Culture Conference*. (2009): 1-5).
- DiSalvo, Carl, Marti Louw, Julina Coupland, and MaryAnn Steiner. "Local Issues, Local Uses: Tools for Robotics and Sensing in Community Contexts." *C & C '09: Proceedings of the ACM Conference on Creativity and Cognition*. ACM Press (2009): 245-254.

Refereed Conference Publications, continued

Forlizzi, Jodi, and Carl DiSalvo. "Microsketching: Creating Components of Interactive Products and Systems." *C & C '09: Proceedings of the ACM Conference on Creativity and Cognition*. ACM Press (2009): 87-96.

DiSalvo, Carl, Kirsten Boehner, Nicholas A. Knouf, and Phoebe Sengers. "Nourishing the Ground for Sustainable HCI: Considerations from Ecologically Engaged Art." *CHI '09: Proceedings of the SIGCHI Conference on Human Factors in Computing Systems*. ACM Press (2009): 385-394.
Nominated for best paper award.

DiSalvo, Carl, David Holstius, Illah Nourbakhsh, Ayca Akin, and Marti Louw. "The Neighborhood Networks Project: A Case Study of Critical Engagements and Creative Expression Through Participatory Design." *PDC '08: Proceedings of the ACM Participatory Design Conference*. ACM Press (2008): 41-50.

DiSalvo, Carl, Francine Gemperle, Willy Yonkers, and Jodi Forlizzi. "The Hug: An Exploration of Robotic Form for Intimate Communication." *ROMAN '03: Proceedings of the IEEE workshop on Robot and Human Interactive Communication*. IEEE Press (2003): 403-408.

DiSalvo, Carl, and Francine Gemperle. "From Seduction to Fulfillment: The Uses of Anthropomorphic Form in Design." *Proceedings of DPPI '03: Designing Pleasurable Products and Interfaces*. ACM Press (2003): 67-72.

Other Publications

DiSalvo, Carl. "Community and Conflict." *interactions* 18, 6 (2011): 24-26.

DiSalvo, Carl. "Re-Invent Ag-Tech." *Food and Tech Connect*. Special Issue on Hacking the Food System. September 20th, 2011. <http://www.foodandtechconnect.com/site/2011/09/20/carl-disalvo-on-hacking-the-food-system-reinvent-ag-tech/>

DiSalvo, Carl, Phoebe Sengers, and Hrönn Brynjarsdóttir. "Navigating the Terrain of Sustainable HCI." *interactions* 17, 4 (2010): 22-25. (33% contribution)

DiSalvo, Carl. "Robots, Farms, and Co-Design: The Growbot Garden Project." *Johnny Holland*. December 1, 2010. <http://johnnyholland.org/2010/12/the-growbot-garden-project-robots-farms-co-design-oh-my/>

Conference Presentations

Brynjarsdóttir, Hrönn, Maria Håkansson, James Pierce, Eric P. S. Baumer, Carl DiSalvo, and Phoebe Sengers. "Sustainably Unpersuaded: How Persuasion Narrows Our Vision of Sustainability." ACM Conference on Human Factors in Computing Systems, Austin, TX, May 8th, 2012.

Bardzell, Jeffrey, Shaowen Bardzell, Carl DiSalvo, William Gaver, and Phoebe Sengers. "The Humanities In/And HCI." ACM Conference on Human Factors in Computing Systems, Austin, TX, May 9th, 2012.

DiSalvo, Carl. "Public Design as Co-Operative Inquiry: Working Together to Explore and Expressive Agricultural Futures." Conference of The Society for The Social Studies of Science, Cleveland, OH, November 5th, 2011.

Khan, Azam, Lyn Bartram, Eli Bleviss, Carl DiSalvo, Jon Froehlich, and Gordon Kurtenbach. "Sustainability Community Invited Panel: Challenges Ahead." ACM Conference on Human Factors in Computing Systems, Vancouver, Canada, May 10th, 2011.

DiSalvo, Carl. "The Growbot Garden Project and the Co-Design of Alternative Agricultures." Interaction Design Association Conference, Boulder, CO, February 10th, 2011.

Conference Presentations, continued

DiSalvo, Carl and Beth Schecter. "Growbots: Critical Making and DIY Citizenship Towards Sustainable Agriculture." DIY Citizenship, University of Toronto, Toronto, Canada, November 13th, 2010.

DiSalvo, Carl. "Attending to the Media and Materiality of the Objects of Speculative Design." European Society for the Social Studies of Science, Trento, Italy, September 2nd, 2010.

DiSalvo, Carl, Ann Light, Tad Hirsch, Christopher A. Le Dantec, Elizabeth Goodman, and Katie Hill. "HCI, Communities and Politics." ACM Conference on Human Factors in Computing Systems, Atlanta, GA, April 15th, 2010.

DiSalvo, Carl, Hrönn Brynjarsdóttir, and Phoebe Sengers. "Mapping the Landscape of Sustainable HCI." ACM Conference on Human Factors in Computing Systems, Atlanta, GA, April 14th, 2010.

DiSalvo, Carl. "Design, Democracy, and Agonistic Pluralism." Design Research Society Conference, Montreal, Canada, July 8th, 2010.

Tanyoung Kim and Carl DiSalvo. "Speculative Visualization: A New Rhetoric for Communicating Public Concerns." Design Research Society Conference, Montreal, Canada, July 7th, 2010.

Boehner, Kirsten, and Carl DiSalvo. "Echoes of Social Presence: A Case Study of A Cross-Disciplinary Pedagogical Experiment." Digital and Arts and Culture Conference, Irvine, CA, December 15th, 2009.

DiSalvo, Carl, and Jonathan Lukens. "Towards a Critical Technological Fluency: The Confluence of Speculative Design and Community Technology Programs." Digital and Arts and Culture Conference, Irvine, CA, December 14th, 2009.

DiSalvo, Carl, Marti Louw, Julina Coupland, and MaryAnn Steiner. "Local Issues Local Uses: Tools for Robotics and Sensing in Community Contexts." ACM Conference on Creativity and Cognition, Berkeley, CA, October 30th, 2009.

DiSalvo, Carl, Kirsten Boehner, Nicholas A. Knouf, and Phoebe Sengers. "Nourishing the Ground for Sustainable HCI: Consideration from Ecologically Engaged Art." ACM Conference on Human Factors in Computing Systems, Boston, MA, April 6th, 2009.

DiSalvo, Carl, David Holstius, Illah Nourbakhsh, Ayca Akin, and Marti Louw. "The Neighborhood Networks Project: A Case Study of Critical Engagements and Creative Expression Through Participatory Design." ACM Conference on Participatory Design, Bloomington, IN, October 2nd, 2008.

DiSalvo, Carl. "Interaction Design for Community Empowerment." Interaction Design Association Conference, Savannah, GA, February 9th, 2008.

DiSalvo, Carl. "Domesticating the Unruly and Self-Reflective Technical Practice." Conference of The Society for The Social Studies of Science, Pasadena, CA, 19 October 19th, 2005.

Invited Presentations

DiSalvo, Carl. "Human Computer Interaction Design and the Articulation of Collectives." University of Michigan, Ann Arbor, MI, January 30th, 2012.

DiSalvo, Carl. "Design as the Medium Between Technology and The Humanities." University of Paris (8), Paris, France, November 18th, 2011.

DiSalvo, Carl. "Speculative Designs for Speculative Agricultures." Goldsmiths, University of London, London, England, March 9th, 2011.

Invited Presentations, continued

DiSalvo, Carl. "Growbot Garden and The Public Design Workshop." 01SJ Biennial, San Jose, CA, September 14th, 2010.

DiSalvo, Carl. "Climate Change, Security, Africa, Atlanta" panel, Founders Day, Georgia Institute of Technology, March 15th, 2010.

DiSalvo, Carl. "Participatory Design and The Construction of Publics." University of Copenhagen, Copenhagen, Denmark, November 13th, 2009.

DiSalvo, Carl. "Enabling Speculation and Argument: Community-Based Participatory Design with Robotics and Sensing Technologies." Science, Technology, and Society Lecture Series, Stanford University, Palo Alto, CA, May 15th, 2009.

DiSalvo, Carl. "A Robot Canary for the Urban Coal Mine." Nokia Research, Palo Alto, CA, May 14th, 2009.

DiSalvo, Carl. "The Neighborhood Networks Project." Center for Embedded Network Sensing, University of California Los Angeles, Los Angeles, CA, February 27th, 2009.

DiSalvo, Carl. "Building an Audience/Community for The Experimental," panel at Experimenting with Art in Public Places Symposium sponsored by Northern Lights, Minneapolis College of Art and Design, Minneapolis, MN, October 11th, 2008.

DiSalvo, Carl. "Of Port-A-Potties and Sewers: Sensing, The Urban Environment, and the Object." Dwelling Machines Symposium. Georgia Institute of Technology. Atlanta, GA, January 14th, 2008.

DiSalvo, Carl. "How Homes Resist." School of Information Science, SIGCHI Distinguished Lecture Series, Cornell University, Ithaca, NY, October 12th, 2005.

DiSalvo, Carl. "Design + Research for Everyday Robots." Workshop on Designing Robot Applications for Everyday Use, Viktoria Institute, Goteborg, Sweden, January 21st, 2005.

Curated Exhibitions

DiSalvo, Carl. *Cheese Combinatorics* (media design). As part of the exhibition *Edible*. Science Gallery of Dublin, Dublin, Ireland February 10th – March 26th, 2012.

DiSalvo, Carl, and David Holstius. *We Are Survival Machines* (digital media installation). As part of the exhibition *LeFlash*. Atlanta, GA. October 2nd, 2009.

DiSalvo, Carl, and Jonathan Lukens. *Smog Is Democratic* (digital media installation). As part of the exhibition *Consequential Matters*. Global Health Odyssey Museum, Centers for Disease Control and Prevention, Atlanta, GA. June 15th–September 11th, 2009.

DiSalvo, Carl, and David Holstius. *We Are Survival Machines* (digital media installation). Warhol Museum, Pittsburgh, PA. July 11th–November 16th, 2008.

Martin, Nathan, Jeff Maki, Greg Baltus, and Carl DiSalvo. *MapMover* (digital media installation). As part of the exhibition *Making Things Public: Atmospheres of Democracy*. Center for Art and Media (ZKM), Karlsruhe, Germany. March 20th–October 3rd, 2005.

Curated Public Events & Festivals

Urban Remix

DiSalvo, Carl, Jason Freeman and Michael Nitsche.

Urban Remix is a digital media system for locative sound recording and remixing using smart phones. The Urban Remix project includes software, public workshops, and public performances.

Vivo Arte.Mov Festival, Palais de Arts, Belo Horizonte, Brazil. April 24–29, 2012.

American Composer's Forum, SONIC Festival. New York, NY. September–October, 2011.

Times Square Alliance Public Art Program. New York, NY. April–May, 2011.

City Centered Festival. San Francisco, CA. June 11-13th, 2010.

Art on the Beltline. Atlanta, GA. May–August 2010.

Growbot Garden: Out of the Garage — Into the World

DiSalvo, Carl, Laura Fries, Thomas Lodato, Beth Schechter and Thomas Barnwell.

Growbot Garden is project that explores the design and use of robotics and sensing technologies for small-scale agriculture. The curators of the 2010 O1SJ Biennial commissioned a two-week series of workshops and installations for the public programming aspect of the festival titled “Out of the Garage—Into the World.”

O1SJ Biennial, San Jose, CA. September 4th – 19th, 2010.

Curatorial Projects

Meet The Made

DiSalvo, Carl and Ian Ingram. Co-curator: Exhibition of robotic art.

Curation of 12 works of art and two public workshops that used or commented upon robotics technology. Exhibition attended by over 3,000 visitors.

The Mattress Factory, Pittsburgh, PA. July 11th– August 31st, 2008.

Robot 250

Nourbakhsh, Illah, and Carl DiSalvo. Co-curator and co-director: Art and technology festival.

Planning and execution of city-wide robotics arts festival involving 21 workshop partner sites, 500 participants, 14 exhibition sites, and 180 days of programming attended by over 90,000 visitors.

Pittsburgh, PA. July 11th–July 27th, 2008.

TEACHING RELATED ACTIVITIES

Courses

LCC 6650, Project Studio, Fall 2012 (11 students)

LCC 3710 Principles of Interaction Design, Spring 2012 (22 students)

LCC 6650 Project Studio, Spring 2012 (7 students)

LCC 6311 Visual Culture and Design, Fall 2011 (20 students)

LCC 6650 Project Studio, Fall 2011 (11 students)

LCC 6311 Visual Culture and Design, Fall 2010 (19 students)

LCC 6650 Project Studio, Fall 2010 (11 students)

Courses, continued

LCC 3705 Principles of Information Design, Spring 2010 (8 students)
LCC 6650 Project Studio, Spring 2010 (24 students)
LCC 8910 Special Problems, Spring 2009 (4 students – 4 sections)
LCC 6311 Visual Culture and Design, Fall 2009 (20 students)
LCC 6650 Project Studio, Fall 2009 (8 students)
LCC 8910 Special Problems, Fall 2009 (6 students – 5 sections)
LCC 3705 Principles of Information Design, Spring 2009 (20 students)
LCC 6650 Project Studio, Spring 2009 (8 students)
LCC 8910 Special Problems, Spring 2009 (2 students – 2 sections)
LCC 4699 Undergraduate Research, Spring 2009 (1 student)
LCC 6311 Visual Culture and Design, Fall 2008 (23 students)
LCC 6650 Project Studio, Fall 2008 (11 students)
LCC 8910 Special Problems, Fall 2008 (1 student)
LCC 4699 Undergraduate Research, Fall 2008 (1 student)
LCC 8910 Special Problems, Summer 2008 (1 student)
LCC 3705 Principles of Information Design, Spring 2008 (23 students)
LCC 6650 Project Studio, Spring 2008 (10 students)
LCC 4906 Special Problems, Spring 2008 (1 student)
LCC 6311 Visual Culture and Design, Fall 2007 (24 students)
LCC 6650 Project Studio, Fall 2007 (4 students)

Advising

Committee Member, Human Centered Computing Ph.D., Chris Le Dantec (2011)
Dissertation: “Community Resource Messenger: A Mobile System and Design Exploration in Support of the Urban Homeless.”

Committee Member, Human Centered Computing Ph.D., Ja-Young Sung (2011)
Dissertation: “Living with Robots at Home: Social Fluency as a Mediator for Long-term Interaction.”

Committee Member, Digital Media Ph.D., Geoffrey Thomas (2010)
Dissertation: “Ambivalent Animal.”

Chair, Digital Media Ph.D., Tanyoung Kim (began advisement 2009)

Chair, Digital Media Ph.D., Jonathon Lukens (began advisement 2008)

Committee Member, Digital Media Ph.D., Ben Medler (began advisement 2010)

Committee Member, Digital Media Ph.D., Nettrice Gaskins (began advisement 2010)

Committee Member, Digital Media Ph.D., Bobby Schweizer (began advisement 2010)

Advising, continued

- Committee Member, Digital Media Ph.D., Jill Coffin (began advisement 2008)
- Committee Member, Digital Media Ph.D., Hye Yeon Nam (began advisement 2008)
- Committee Member, Digital Media Ph.D., Sergio Goldenberg (began advisement 2008)
- Committee Member, Digital Media Ph.D., David Jimison (began advisement 2008)
- Committee Member, Digital Media Ph.D., Susan Robinson (began advisement 2008)
- Committee Member, Digital Media Ph.D., Andy Wu (began advisement 2008)
- Chair, Digital Media M.Sc., Ben Chapman (2012)
Thesis: "Skate Atlas."
- Chair, Digital Media M.Sc., Lauren Langley (2012)
Thesis: "Water Quality Interactive Data Visualization."
- Chair, Digital Media M.Sc., Joel Linderdman (2012)
Thesis: "iAlert: A Mobile Water Altering System."
- Chair, Digital Media M.Sc., Allan Martell (2012)
Thesis: "The Hurricane Irene Diaries: An Interactive Map of Stories to Promote Disaster Prevention."
- Committee Member, Digital Media M.Sc., Fred Leighton (2012)
Thesis: "Tangible Synergetic Domes."
- Committee Member, Digital Media M.Sc., Jing Li (2012)
Thesis: "Interactive Infographics: Shrink Your Plastic Blueprint."
- Committee Member, Digital Media M.Sc., Christine Wu (2012)
Thesis: "Balance: An Android-Based Nutrition-Data Tracker Application for Grocery Shopping."
- Advisor, Human-Computer Interaction M.Sc., Andrew Golaszewski (2012)
Thesis: "The Pursuit of Happiness: A Web-Based Visualization System for the 50 States."
- Advisor, Human-Computer Interaction M.Sc., Kim Nguyen (2012)
Thesis: "EveryEvent: A Mobile Calendar Application for Prospective and Retrospective Remembering."
- Chair, Digital Media M.Sc., Amy Cheng (2011)
Thesis: "EMF Mirror."
- Chair, Digital Media M.Sc., Laura Fries (2011)
Thesis: "The Co-Design Cookbook."
- Chair, Digital Media M.Sc., Beth Schechter (2011)
Thesis: "Food Are Here: Mobile Mapping for Urban Foraging."
- Chair, Digital Media M.Sc., Thomas Barnwell (2010)
Thesis: "The Resound Project: A Location Based Collaborative Music Synthesizer."
- Chair, Digital Media M.Sc., Cinque Hicks (2010)
Thesis: "Grounding the Street: Embedding Digital Media Art Interventions in an Urban Public Space, The Case of Atlanta."
- Chair, Digital Media M.Sc., Delisha Peterson (2010)
Thesis: "VB Recruiter."

Advising, continued

Committee Member, Digital Media M.Sc., Joshua Cuneo (2010)
Thesis: "Vox: A Science Fiction Video Archive."

Chair, Digital Media M.Sc., Jisun An (2009)
Thesis: "Lunch Log: An Online Photographic Food Diary for Middle Childhood."

Chair, Digital Media M.Sc., Courtenay Bird (2009)
Thesis: "En.vis: Environmental Data Collection and Visualization with Urban Youth."

Chair, Digital Media M.Sc., Hee Rin Lee (2009)
Thesis: "Connected Space."

Chair, Digital Media M.Sc., Adam Rice (2009)
Thesis: "Strip Mall Ecology."

Co-Chair, Digital Media M.Sc., Daniel Upton (2009)
Thesis: "Identity Share."

Advisor, Human-Computer Interaction M.Sc., Alicia Nachman (2009)
Thesis: "Watching My Waste: Strategies for Reducing Food Waste."

Committee Member, Digital Media M.Sc., Abhishek Gupta (2009)
Thesis: "ShiftBrowse: User Experience for Multi-tasking in a Web Browser."

Committee Member, Digital Media M.Sc., Sara Rassch (2009)
Thesis: "Terra Viva: An Alternate Reality Game with a Green Theme."

Chair, Digital Media M.Sc., Will Riley (2008)
Thesis: "We The Undersigned: Anonymous Dissent and the Struggle for Collective Identity in Online Petitions."

Advisor, Human-Computer Interaction M.Sc., Josh Teague (2008)
Thesis: "Exploring Interactions in High-Resolution Image Contexts."

Advisor, Computational Media B.Sc. Capstone Project, Jill Donnelly (2007)
Project: "The Product Price Locator."

Curriculum Development

Digital Media M.Sc. Program: Re-design (with Ali Mazalek and Jay Bolter) (2010 – 2012)
Collaborated with colleagues to re-define and re-structure the program requirements, course sequences, and course content for the M.Sc. in Digital Media. This included proposing a new core class in applied research methods (LCC 6399). The new curriculum was approved by the Board of Regents in the Spring of 2012.

LCC 3710 Principles of Interaction Design: Developed new curriculum (Spring 2012)
Developed an entirely new course structure, content, and assignments, with an emphasis on the basic professional skills of interaction design, taught through project-based learning.

LCC 3705 Principles of Information Design: Developed new curriculum (Spring 2008)
Re-designed the course structure, content, and assignments to integrate contemporary research from digital media studies and human-computer interaction design research as appropriate for undergraduate students.

LCC 6311 Visual Culture and Design: Developed new curriculum (Fall 2007)
Re-designed the course structure, content, and assignments to integrate contemporary research from digital media studies and human-computer interaction design research as appropriate for graduate students.

SERVICE

Professional Contributions

Editorial board, *Design Issues*, 2012–present

Book review editor, *Design Issues*, 2010–2012

Program Committee, 2014 Design Research Society Conference
Responsible for working with other members of the program committee to develop the theme of the conference, manage the call for papers and reviewing process, and plan the conference event.

Co-Chair, Design (papers), 2012 ACM Conference on Human Factors in Computing Systems (CHI)

Responsible for managing the review process for 150+ papers, including the recruitment of Associate Chairs, recruitment of reviewers, running of on-site review meeting, selection of program papers, and the organization of program papers.

Co-Chair, Media Showcase, 2010 ACM Conference on Human Factors in Computing Systems (CHI)

Responsible for managing the review process for 75+ media submissions, including the recruitment of reviewers, selection of program media, and the organization of program media.

Associate Chair, Design (papers), 2009 ACM Conference on Human Factors in Computing Systems (CHI)

Responsible for overseeing the review of 15 papers, including the recruitment of reviewers, participation in on-site review meeting, and the selection of program papers.

Reviewing

Design Issues

International Journal of Learning and Media

Science, Technology, and Human Values

Social Studies of Science

ACM Conference on Participatory Design (PDC) 2010, 2012

ACM Conference on Computer Graphic and Interactive Techniques (SIGGRAPH) 2010–2012

ACM Conference on Human Factors in Computing Systems (CHI) 2006–2012

ACM/IEEE Conference on Human-Robot Interaction (HRI) 2007, 2009, 2011

Manuscript reviews for MIT Press

Manuscript reviews for Elsevier Press

Campus Contributions

Digital Media Curriculum Committee, School of Literature, Communication, and Culture, 2007–2008 and 2010 – present

GVU Core Faculty Committee, GVU Center, 2009 – present

TechArts Committee, School of Interactive Computing, College of Architecture, and School of Literature, Communication, and Culture, 2009 – present

Campus Contributions, continued

Computational Media Curriculum Committee, School of Literature, Communication, and Culture, 2007 – present

Undergraduate Curriculum Committee, School of Literature, Communication, and Culture, 2009 – 2010

Other Contributions

Member, Association for Computing Machinery

Member, Society for the Social Studies of Science

Member, Interaction Design Association

GRANTS AND CONTRACTS

Intel Science and Technology Research Center: Social Computing (local PI) \$1,625,000 (2012–2017)

Georgia Institute of Technology, IAC Faculty Development Small Research Grant: Early Research into the Use of Collaboration Software to Support Participatory Innovation in Museums (PI), \$19,870 (2012 – 2013)

NSF, EAGER: Collaborative Research: Transformative Innovation for Sustainable HCI through Interventionist Eco-Arts, IIS-1049415, (Co-PI), \$52,959 (2010 – 2012)

Georgia Institute of Technology, Gvu Engagement Grant: UrbanRemix, (Co-PI) \$10,000 (2010 – 2011)

NSF, City as Learning Lab, ISE-0741685, (Co-PI), \$528,925 (2008 – 2012)

Intel gift for Neighborhood Networks Project, (Co-PI), \$50,000 (2008)

Intel gift for Neighborhood Networks Project, (Co-PI), \$45,000 (2007)

NSF, Advancing Robotics for Societal Impact, CNS-0742106, (Co-PI), \$26,012 (2007 – 2010)

HONORS AND AWARDS

Best paper award, 2010 ACM-CHI Conference

Best paper nominee, 2009 ACM-CHI Conference