

CARL DISALVO
ASSISTANT PROFESSOR
SCHOOL OF LITERATURE, COMMUNICATION, AND CULTURE

I. 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

II. 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 (GVU) Center
The Georgia Institute of Technology, Atlanta, GA, USA (2007 – present)
Post-doctoral Fellow, The Center for 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)

III. TEACHING

A. COURSES TAUGHT

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

B. INDIVIDUAL STUDENT GUIDANCE

Advisor, Digital Media Ph.D., Tanyoung Kim (began advisement 2009)
Advisor, Digital Media Ph.D., Jonathon Lukens (began advisement 2008)
Advisor, Digital Media Ph.D., Hye Yeon Nam (began advisement 2008)
Member, Digital Media Ph.D. committee, Sergio Goldenberg (began advisement 2008)

Member, Digital Media Ph.D. committee, Andy Wu (began advisement 2008)

Member, Digital Media Ph.D. committee, Geoffrey Thomas (began advisement 2008)

Member, Digital Media Ph.D. committee, Jill Coffin (began advisement 2008)

Member, Digital Media Ph.D. committee, David Jimison (began advisement 2008)

Member, Digital Media Ph.D. committee, Susan Robinson (began advisement 2008)

Member, Human Centered Computing Ph.D. committee, Chris La Dantec (began advisement 2008)

Member, Human Centered Computing Ph.D. committee, Ja-Young Sung (began advisement 2008)

Chair, Digital Media M.Sc. committee, Thomas Barnwell (2010)
Thesis “The Resound Project: A Location Based Collaborative Music Synthesizer.”

Chair, Digital Media M.Sc. committee, 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. committee, Delisha Peterson (2010)
Thesis “VB Recruiter.”

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

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

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

Chair, Digital Media M.Sc. committee, Hee Rin Lee (2009)
Thesis “Connected Space”; accepted position as MS HCI student at Georgia Institute of Technology.

Chair, Digital Media M.Sc. committee, Adam Rice (2009)
Thesis “Strip Mall Ecology”; received venture funding for startup.

Co-Chair, Digital Media M.Sc. committee, Daniel Upton (2009)
Thesis “Identity Share”; received venture funding for startup.

Member, Digital Media M.Sc. committee, Abhishek Gupta (2009)
Thesis “ShiftBrowse: User Experience for Multi-tasking in a Web Browser”; accepted position at startup.

Member, Digital Media M.Sc. committee, Sara Rassch (2009)
Thesis “Terra Viva: An Alternate Reality Game with a Green Theme”; accepted position at 42 Entertainment.

Advisor, Human-Computer Interaction M.Sc., Alicia Nachman (2009)
Thesis “Watching My Waste: Strategies for Reducing Food Waste”; accepted position at Aplia.

Chair, Digital Media M.Sc. committee, Will Riley (2008)
Thesis “We The Undersigned: Anonymous Dissent and the Struggle for Collective Identity in Online Petitions”; accepted position at Center for History and New Media, George Mason University.

Advisor, Human-Computer Interaction M.Sc., Josh Teague (2008)
Thesis “Exploring Interactions in High-Resolution Image Contexts”; accepted position at Google.

Advisor, Computational Media B.Sc. Capstone Project, Jill Donnelly (2007)
Project “The Product Price Locator”; accepted position at The Centers for Disease Control and Prevention.

C. OTHER TEACHING ACTIVITIES

C1. CURRICULUM DEVELOPMENT

LCC 6311 Visual Culture and Design, Developed new curriculum (Fall 2007)

LCC 3705 Principles of Information Design, Developed new curriculum (Spring 2008)

IV. SCHOLARLY ACCOMPLISHMENTS

A. PUBLISHED BOOKS AND PARTS OF BOOKS

A1. BOOKS

N/A

A2. REFEREED BOOK CHAPTERS

N/A

A3. OTHER PARTS OF BOOKS

N/A

B. REFEREED PUBLICATIONS

B1. REFEREED JOURNAL PUBLICATIONS

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.

B2. OTHER REFEREED PUBLICATIONS

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): forthcoming. (60% contribution)
Nominated for best paper award.

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 (cd-rom). (90% contribution)

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 (cd-rom). (20% contribution)

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. (80% contribution)

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. (50% contribution)

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. (60% contribution)
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. (80% contribution)

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. (60% contribution)

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. (60% contribution)

B3. UNDER REVIEW

DiSalvo, Carl, Illah Nourbakhsh, Kevin Crowley. "A Summer of Robots: Seeding Creative Robotics Across the Urban Landscape." *Autonomous Robots: Special Issue of Autonomous Robots on Community Robotics*. (80% contribution)

DiSalvo, Carl, David Holstius, Illah Nourbakhsh, Ayca Akin, and Marti Louw. "Neighborhood Networks Project: Critical Engagements and Creative Expression Through Participatory Design." *Design Issues: Special Issue of Design Issues on Participatory Design*. (80% contribution)

DiSalvo, Carl, and Jonathan Lukens. "Non-Anthropocentrism and the Non-Human in Design: Possibilities for Designing New Forms of Engagement With and Through Technology." *From Social Butterfly to Engaged Citizen*, MIT Press. (60% contribution)

C. OTHER PUBLICATIONS

N/A

D. PRESENTATIONS

D1. CONFERENCE PRESENTATIONS

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 Cognitions, 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 (CHI), 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 & Self-Reflective Technical Practice" Conference of The Society for The Social Studies of Science (4S) Pasadena, CA, 19 October 19th, 2005.

D2. INVITED PRESENTATIONS

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 11^h, 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 (Opening address), Viktoria Institute, Goteborg, Sweden, January 21st, 2005.

E. OTHER SCHOLARLY ACCOMPLISHMENTS

E1. EXHIBITONS

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

DiSalvo, Carl, and Jonathan Lukens. *Smog Is Democratic* (digital media installation) in 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.

E2. PUBLIC PROGRAMS AND CURATORIAL PROJECTS

DiSalvo, Carl, and Ian Ingram. *Meet The Made*. Co-curator: Exhibition of robotic art. The Mattress Factory, Pittsburgh, PA. July 11th – August 31st, 2008.

Nourbakhsh, Illah, and Carl DiSalvo. *Robot 250*. Co-director: Art and Technology Festival. Pittsburgh, PA. July 11th – July 27th, 2008.

V. SERVICE

A. PROFESSIONAL CONTRIBUTIONS

Co-Chair, Media Showcase, 2010 ACM Conference on Human Factors in Computing Systems (CHI)
Associate Chair, Design, 2009 ACM Conference on Human Factors in Computing Systems (CHI)

Paper Reviewing:

ACM/IEEE Conference on Human-Robot Interaction 2008 - 2009

ACM Conference on Human Factors in Computing Systems (CHI) 2006 - 2009

B. CAMPUS CONTRIBUTIONS

Core Faculty Committee, GVV Center, 2009 – present

TechArts Committee, GVV Center, School of Literature, Communication, and Culture, and College of Architecture, 2009 – present

Digital Media Planning Committee, School of Literature, Communication, and Culture, 2009 – present

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

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

Graduate Curriculum Committee, School of Literature, Communication, and Culture, 2007 – 2008

C. OTHER CONTRIBUTIONS

Member, Association for Computing Machinery

Member, American Institute of Graphic Arts

Member, College Art Association

Member, Society for the Social Studies of Science

VI. GRANTS AND CONTRACTS

A. AS PRINCIPAL AND CO-PRINCIPAL INVESTIGATOR

NSF, Transformative Innovation for Sustainable HCI through Interventionist Eco-Arts (Co-PI), \$399,936, Submitted October 2009, under review

NSF, City as Learning Lab, ISE-0741685, (Co-PI), \$528,925 total, \$283,293 to date (2008 - 2012)

Intel Corporation gift for Neighborhood Networks Project, \$50,000 (2008)

Intel Corporation gift for Neighborhood Networks Project, \$45,000 (2007)

B. AS INVESTIGATOR

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

VII. HONORS AND AWARDS

Best paper nominee, 2010 ACM-CHI Conference

Best paper nominee, 2009 ACM-CHI Conference