

TOM JENKINS, PH.D.

ASSISTANT PROFESSOR
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EDUCATION

Ph.D. Digital Media, Minor in Computer Science Georgia Institute of Technology, Atlanta, GA, USA	2018
M.P.S. Interactive Telecommunications Program Tisch School of the Arts, New York University, New York, NY, USA	2008
B.A. Science & Technology Studies, Minor in Information Science Cornell University, Ithaca, NY, USA	2006

ACADEMIC APPOINTMENT

Assistant Professor , Department of Digital Design, IT University of Copenhagen IXD Lab, Center for Digital Welfare Interaction Design specialization lead, M.Sc. Digital Design and Interactive Technology	2019 —
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AWARDS, HONORS, & GRANTS

Best Paper Award, Honorable Mention , OzCHI 2020	2020
Foley Scholar , GVU Center, Georgia Institute of Technology \$5,000 award "on the basis of personal vision, brilliance, and potential impact"	2017
Human Computer Interaction Consortium Invitation and funding to attend Summer HCI research institute	2017
Foley Scholar Finalist , GVU Center, Georgia Institute of Technology	2016
Best Paper Award, Honorable Mention (top 5% of submissions), CHI 2015	2015
Graduate Research Award , Intel Science and Technology Center for Social Computing	2012 — 2015
Institute President's Fellow , Georgia Institute of Technology \$22,000 award, "recipients bring exemplary levels of scholarship and innovation"	2011 — 2015
Speculative Student Notable , Core77 Design Awards	2014
Consortium for the Science of Socio-Technical Systems Invitation and funding to attend NSF-funded summer research institute	2014
Best Paper Award, Honorable Mention (top 5% of submissions), CHI 2014	2014
2H12 Nokia Global University Funding , Nokia Corporation \$3,200 grant funding invited lecture series for graduate students in HCI & design	2012 — 2013

PUBLICATIONS

CONFERENCE PAPERS

- c20) **Tom Jenkins**, Laurens Boer, Sarah Homewood, Teresa Almeida, Anna Vallgård. *Designing with Emerging Science: Developing an Alternative Frame for Self-Tracking*. 32nd Australian Conference on Human-Computer Interaction (OzCHI 2020). **BEST PAPER HONORABLE MENTION**
- c19) Steffen Hviid Trier, **Tom Jenkins**. *Participatory Sensing in the Speculative Smart City*. 32nd Australian Conference on Human-Computer Interaction (OzCHI 2020).
- c18) **Tom Jenkins**, Laurens Boer, Juliane Busboom, Ivar Simonsen. *The Future Supermarket: A Case Study of Ethnographic Experiential Futures*. Nordic Conference on Computer Human Interaction (NordiCHI 2020). Tallinn, Estonia, 2020.
- c17) Laurens Boer, Harvey Bewley, **Tom Jenkins**, Sarah Homewood, Teresa Almeida, Anna Vallgård. *Gut-Tracking as Cultivation*. ACM Conference on Designing Interactive Systems (DIS 2020). Eindhoven, Netherlands, 2020.
- c16) **Tom Jenkins**, Anna Vallgård, Laurens Boer, Sarah Homewood, Teresa Almeida. *Careful Devices: A design manifesto for humane domestic healthcare technology*. Halfway to the Future symposium, Nottingham, United Kingdom, 2019.
- c15) **Tom Jenkins**. *Cohousing IoT: Design Prototyping for Community Life*. ACM Conference on Tangible, Embodied, and Embedded Interfaces (TEI 2018), Stockholm, Sweden 2018.
- c14) **Tom Jenkins**. *Living Apart, Together: Cohousing as a Site for ICT Design*. ACM Conference on Designing Interactive Systems (DIS 2017), Edinburgh, UK 2017.
- c13) Carl DiSalvo, **Tom Jenkins**. *Fruit Are Heavy: A Prototype Public IoT System to Support Urban Foraging*. ACM Conference on Designing Interactive Systems (DIS 2017), Edinburgh, UK 2017.
- c12) **Tom Jenkins**, Christopher Le Dantec, Carl DiSalvo, Thomas Lodato, and Mariam Asad. *Object-Oriented Publics*. ACM Conference on Human Factors in Computing Systems (CHI 2016), San Jose, USA, 2016.
- c11) Carl DiSalvo, **Tom Jenkins**, Thomas Lodato. *Designing Speculative Civics*. ACM Conference on Human Factors in Computing Systems (CHI 2016), San Jose, USA, 2016.
- c10) **Tom Jenkins**. *The Internet of Things: Designing Proto-Infrastructures*. Design Anthropological Futures. Copenhagen, Denmark, 2015.
- c9) James Pierce, Phoebe Sengers, Tad Hirsch, **Tom Jenkins**, William Gaver, and Carl DiSalvo. *Expanding and Refining Design and Criticality in HCI*. ACM Conference on Human Factors in Computing Systems (CHI 2015), Seoul, Korea, 2015. **BEST PAPER HONORABLE MENTION**
- c8) Carl DiSalvo, **Tom Jenkins**. *Drones for Foraging*. Proceedings of the 2nd Biennial Research Through Design Conference (RTD 2015), Cambridge, UK, 2015.
- c7) **Tom Jenkins**, Ian Bogost. *Escaping the Sandbox: Making and its Future*. ACM Conference on Tangible, Embodied, and Embedded Interaction (TEI 2015), Stanford, USA, 2015.
- c6) **Tom Jenkins**. *Designing the "Things" of the IoT*. ACM Conference on Tangible, Embodied, and Embedded Interaction (TEI 2015), Stanford, USA, 2015.
- c5) **Tom Jenkins**. *Prototyping speculative objects for the Internet of Things*. In Proceedings of the 2014 companion publication on Designing interactive systems (DIS '14). Vancouver, Canada, 2014.
- c4) Carl DiSalvo, Jonathan Lukens, Thomas Lodato, **Tom Jenkins**, Tanyoung Kim. *Making Public Things: How HCI Design Can Express Matters of Concern*. ACM Conference on Human Factors in Computing Systems (CHI 2014), Toronto, Canada, 2014. **BEST PAPER HONORABLE MENTION**

- c3) **Tom Jenkins**, Ian Bogost. *Designing for the Internet of Things: Prototyping Material Interactions*. ACM Conference on Human Factors in Computing Systems (alt.chi 2014), Toronto, Canada, 2014.
- c2) **Tom Jenkins**. *Devotional Gardening Tools*. ACM Conference on Human Factors in Computing Systems (alt.chi 2013), Paris, France, 2013.
- c1) Brian Magerko, Jason Freeman, Tom McKlin, Scott McCoid, **Tom Jenkins**, Elise Livingston. *Tackling Engagement in Computing with Computational Music Remixing*. ACM Special Interest Group on Computer Science Education (SIGCSE 2013), Denver, USA, 2013.

JOURNAL ARTICLES

- j2) **Tom Jenkins**. *Cohousing IoT: Technology Design for Life in Community*. *Multimodal Technol. Interact.*, 5(3), 14, Special Issue on Digital Impact of Digital Technologies on Communities (2021).
- j1) Scott McCoid, Jason Freeman, Brian Magerko, Christopher Michaud, **Tom Jenkins**, Tom McKlin, Hera Kan. *EarSketch: An Integrated Approach to Teaching Introductory Computer Music*. *Organised Sound*, Volume 18, Number 2 (2013).

BOOK CHAPTER

- bc1) **Tom Jenkins**. Third-Wave HCI Perspectives on the Internet of Things. In: Filimowicz M., Tzankova V. (eds) *New Directions in Third Wave Human-Computer Interaction: Volume 1 - Technologies*. Human-Computer Interaction Series. Springer, Cham, 2018.

WORKSHOPS ORGANIZED

- w08) Vasiliki Tsaknaki, **Tom Jenkins**, Laurens Boer, Sarah Homewood, Noura Howell, Pedro Sanches. *Challenges and Opportunities for Designing with Biodata as Material*. Nordic Conference on Human-Computer Interaction (NordiCHI 2020). Tallinn, Estonia, 2020.
- w07) **Tom Jenkins**, William Odom, James Pierce, Kristina Andersen, Andy Boucher, David Chatting, William Gaver. *RtD in Situ: Discussing the Domains and Impact of Design Research*. ACM Conference on Designing Interactive Systems (DIS 2020). Eindhoven, Netherlands, 2020.
- w06) Kristina Andersen, Andy Boucher, David Chatting, Audrey Desjardins, Laura Devendorf, William Gaver, **Tom Jenkins**, William Odom, James Pierce, Anna Vallgård. *Doing Things with Research through Design: With What, With Whom, and Towards What Ends?* ACM Conference on Human Factors in Computing Systems (CHI 2019). Glasgow, United Kingdom, 2019.
- w05) Tom Feltwell, Shaun Lawson, Ben Kirman, Debbie Maxwell, Conor Linehan, **Tom Jenkins**, Stacey Kuznetsov. "Grand Visions" for Post-Capitalist Human-Computer Interaction. ACM Conference on Human Factors in Computing Systems (CHI 2018). Montréal, Canada, 2018.
- w04) **Tom Jenkins**, Vasiliki Tsaknaki, Karey Helms, Ludvig Elblaus, Nicolai Brodersen Hansen. *Sociomateriality: Infrastructuring and Appropriation of Artifacts*. ACM Conference on Tangible, Embodied/Embedded Interaction (TEI 2018). Stockholm, Sweden, 2018.
- w03) **Tom Jenkins**, Kristina Andersen, William Gaver, Will Odom, James Pierce, Anna Vallgård. *The Things of Design Research: Diversity in Objects and Outcomes*. ACM Conference on Human Factors in Computing Systems (CHI 2017). Denver, USA, 2017.
- w02) **Tom Jenkins**, Kristina Andersen, William Gaver, Will Odom, James Pierce, Anna Vallgård. *Attending to Objects as Outcomes of Design Research*. ACM Conference on Human Factors in Computing Systems (CHI 2016). San Jose, California, USA 2016.

WP1) Jamie Allen, Johannes Bruder, Moritz Greiner-Petter, Felix Gerloff, Shintaro Miyazaki, **Tom Jenkins**, Matthias Taradiewicz, Sophie-Carolin Wagner. *Unmaking: 5 Anxieties*. Transmediale, Berlin, Germany, 2016.

WORKSHOP PAPERS

WP6) **Tom Jenkins**, Anna Vallgård, Laurens Boer, Teresa Almeida, Sarah Homewood. *Careful Devices: outline of a research program*. CHI 2019 Workshop “Doing Things with Research through Design: With What, Whom, and Towards What Ends?” Glasgow, United Kingdom, 2019.

WP5) **Tom Jenkins**. *Sharing Domesticity: An Internet of Cohousing Things*. CHI 2017 Workshop “Making Home: Asserting Agency in the Age of IoT”. Denver, USA, 2017.

WP4) **Tom Jenkins**. *The Object Ecology: Designing Edge Cases for the Internet of Things*. Doctoral Reviews+Symposium for in-process work. Carnegie Mellon School of Design, Pittsburgh, USA, 2016.

WP3) **Tom Jenkins**. *Technology for Foraging*. Re-Thingifying the Smart City, Transmediale. Berlin, Germany, 2016.

WP2) Phoebe Sengers, Kirsten Boehner, Simeon Warner, **Tom Jenkins**. *Evaluating Affect: Co-Interpreting What “Works”*. CHI 2005 Workshop “Innovative Approaches to Evaluating Affective Systems”. Portland, USA, 2005.

WP1) **Tom Jenkins**. *(Pre)Configuring the User*. Symposium on Affect, Interaction & Technology, Cornell University. Ithaca, USA, 2005.

MAGAZINE ARTICLE

A1) William Odom, **Tom Jenkins**, Kristina Andersen, Bill Gaver, James Pierce, Anna Vallgård, Andy Boucher, David Chatting, Janne van Kollenburg, Kevin Lefevre. 2018. *Crafting a place for attending to the things of design at CHI*. Interactions 25, 1.

POSTERS

P2) **Tom Jenkins**, Anna Vallgård, Laurens Boer, Sarah Homewood, Teresa Almeida. *Careful Devices: A design manifesto for humane domestic healthcare technology*. Halfway to the Future symposium, Nottingham, United Kingdom, 2019.

P1) **Tom Jenkins**. *Cohousing IoT*. Human Computer Interaction Consortium (HCIC 2017). Watsonville, California, USA, 2017

PH.D. DISSERTATION

Tom Jenkins. *Cohousing IoT: designing edge cases in the Internet of Things*. Digital Media Program, Georgia Institute of Technology, 2018.

MASTER'S THESIS

Tom Jenkins. *Emotional Prostheses: Bodily Technologies for Emotional Expression*. Interactive Telecommunications Program, Tisch School of the Arts, New York University, 2008.

RESEARCH ACTIVITIES

RESEARCH INSTITUTES

Human Computer Interaction Consortium, Watsonville, USA.	2017
Consortium for the Science of Socio-technical Systems, Columbia, USA.	2014

INVITED WORKSHOPS

Future of Supermarkets exhibition and show, Copenhagen, Denmark.	2019
Design Tool Prototyping, Parsons the New School for Design, New York, New York, USA.	2015
Prototyping for a Speculative IoT, Goldsmiths, University of London, UK.	2014

SYMPOSIA

Digital Civics Symposium. Malmö University, Malmö, Sweden.	2017
Making Subjects. Indiana University, Bloomington, Indiana, USA.	2014
Materialities of Information. UC Irvine, Irvine, California, USA.	2014
Affect, Interaction & Technology. Cornell University. Ithaca, New York, USA.	2005

RESEARCH AFFILIATIONS

<i>Center for Digital Welfare</i> , IT University of Copenhagen	2020—
<i>IxD Lab</i> , IT University of Copenhagen	2019—
<i>Public Design Workshop</i> , Georgia Institute of Technology	2011—2018
<i>Intel Science and Technology Center for Social Computing</i> , Georgia Institute of Technology	2012—2015
<i>HCI Devices Group</i> , AT&T Labs	2013
<i>Expressive Machinery Lab</i> , Georgia Institute of Technology	2011—2012
<i>Culturally Embedded Computing Group</i> , Cornell University	2004—2006

EXHIBITIONS

<i>Food by Design: Sustaining the Future</i> . Museum of Design. Atlanta, Georgia, USA.	JANUARY — MAY 2017
<i>Field Test: Radical Adventures in Future Farming</i> . Science Gallery Dublin, Ireland.	MARCH 2016 — MAY 2016
<i>Tiny Tinkering Platform</i> . Open Source Hardware Summit, MIT, Boston, Mass. USA.	SEPTEMBER 2013
<i>Emotional Prostheses</i> . ITP Spring Show, New York, New York, USA.	MAY 2008

INVITED PRESENTATIONS

IT University of Copenhagen, Dept. of Digital Design, Copenhagen, Denmark.	NOVEMBER 2018
Penn State, College of Information Sciences and Technology, Univ. Park, PA, USA.	MARCH 2018
University of California, Irvine, Department of Informatics. Irvine, CA, USA.	FEBRUARY 2018
Georgia Institute of Technology, GVU Brown Bag, Atlanta, GA, USA.	FEBRUARY 2018
Cornell University, Design + Environmental Analysis, Ithaca, NY, USA.	FEBRUARY 2018
Malmö University, School of Arts and Communication (K3). Malmö, Sweden.	DECEMBER 2017
University of Michigan, Stamps School of Art and Design. Ann Arbor, MI, USA.	MARCH 2017
Carnegie Mellon University, HCI Institute. Pittsburgh, PA, USA.	MARCH 2017
Umeå Institute of Design. Umeå, Sweden.	OCTOBER 2016
IT University of Copenhagen, IxD Lab. Copenhagen, Denmark.	DECEMBER 2015

CURRENT TEACHING

Designing Interactions , IT University of Copenhagen Course manager, lecturer	SPRING
Situating Interactions , IT University of Copenhagen Course manager, lecturer	FALL

PAST TEACHING

Computational Literacies , IT University of Copenhagen Guest Lecturer: "Material Interaction and Physical Computing" (for Gopinaath Kannabiran)	OCTOBER 2020
The Computer as an Expressive Medium , Georgia Institute of Technology Graduate Teaching Assistant (with Anne Sullivan)	FALL 2018
Introduction to Computational Media , Georgia Institute of Technology Graduate Teaching Assistant (with Ian Bogost)	FALL 2017
Faceless Interaction Design in the Home , Umeå Institute of Design Visiting Lecturer/Tutor (with Stoffel Keunen & Søren Rosenbak)	OCTOBER 2016
Digital Media Prototyping , Georgia Institute of Technology Graduate Teaching Assistant (with Michael Nitsche)	SPRING 2016
The Computer as an Expressive Medium , Georgia Institute of Technology Guest lecturer: "Introduction to the Arduino Microcontroller" (For Brian Magerko)	NOVEMBER 2015
Principles of Interaction Design , Georgia Institute of Technology Instructor	FALL 2015
Computing Cultures , Cornell University Teaching Assistant (with Phoebe Sengers)	SPRING 2006
Introduction to Web Design & Programming , Cornell University Teaching Assistant (with Phoebe Sengers and David Williamson)	FALL 2005

STUDENT SUPERVISION

PH. D. CANDIDATE

Mila Stepanovich, Politecnico di Milano (<i>external committee member</i>)	2022
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M.SC. DIGITAL DESIGN & INTERACTIVE TECHNOLOGY (KAND.IT DDIT), ITU COPENHAGEN

Amalie Bisgaard Høegh & Anne Lotte Lorvik, " <i>Complex user journeys from a service- and IxD approach</i> "	2021
Anne Katrine Svejgaard Barrett & Emily Howkins Lange, " <i>Designing for young womens' self-esteem</i> "	2021
Michael Nørgaard Jørgensen, " <i>Metadata as Legacy</i> "	2021
Sebastian Søgaard Larsen - " <i>Designing Artificial Intelligence - A reflection on ethics in practice</i> "	2021
Sarah Thordal Larsen & Sofie Mandø Hausted, " <i>Interaction design for Cultural Communication</i> "	2021
Emil Brogaard & Valdemar Edouardo Glahn-Abrahamsen, " <i>Designing Interactions for Digital Privacy</i> "	2020
Kasper Månsson, " <i>Exploring Vibrotactile Feedback as a Design Material for Navigation</i> "	2020

M.SC. DIGITAL DESIGN & COMMUNICATION (KAND.IT DDK), ITU COPENHAGEN

Charlotte Isabella Koed, " <i>ANGULUS Circle: service design to support a circular business concept</i> "	2019
Saffie Yatou Christensen & Rose Schiønning Falkenstrøm, " <i>A service design study on a mental health toolbox</i> "	2019
Steffen Hviid Trier, " <i>The Situationist Smart City: a speculative approach to local environmental reflection</i> "	2019

B.SC. DIGITAL DESIGN & INTERACTIVE TECHNOLOGY (B.DDIT), ITU COPENHAGEN

Jonathan Kjær Jørgensen, " <i>Teaching & communication in an online environment: A critique of existing tools</i> "	2021
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ACADEMIC SERVICE

CONFERENCE ORGANIZING

Associate Papers Chair, CHI 2018, 2019, 2021

Associate Papers Chair, DIS 2017, 2019—2021

Pictorials Chair, TEI 2020

Work in Progress Chair, TEI 2019

Program Committee, RTD 2017, 2019

Pictorials Chair, DIS 2018

CONFERENCE REVIEWING

C&C 2017

HCII 2020

PDC 2018

CHI 2013—2021

ICIDS 2018, 2019

RTD 2017—2019

CHI Play 2019

Nordes 2019

SUI 2019

CSCW 2015—2019

NordiCHI 2020

TEI 2014—2021

DIS 2012—2021

OzCHI 2020

UbiComp 2015

JOURNAL REVIEWING

AI & Society, Communication and the Public, Design Issues, Digital Creativity, Informatics, Interaction Design and Architecture, International Journal of Design, Mobilities, Transactions of Computer-Human Interaction (ToCHI)

INSTITUTIONAL SERVICE

ITU COPENHAGEN

Interaction design specialisation lead, KAND.IT DDIT

GEORGIA INSTITUTE OF TECHNOLOGY

Steering Committee, DARIA (Design as Research in the Americas)

Reviewer, Provost's Undergraduate Research Awards

Ivan Allen College Graduate Student Advisory Board

Digital Media Student Committee

CORNELL UNIVERSITY

Executive Board, SIGCHI Student Chapter

INDUSTRY EXPERIENCE

Web Developer, Digital Media Group, Marvel Entertainment, New York, NY.

2011

User Experience Manager, Efficiency 2.0, New York, NY

2008—2010

PROFESSIONAL AFFILIATIONS

Association for Computing Machinery (ACM)

ACM Special Interest Group on Human-Computer Interaction (SIGCHI)

Design Research Society (DRS)

Society for Social Studies of Science (4S)