

Stevie Chancellor

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EDUCATION

- 2014 **Georgia Institute of Technology**
 - present Doctoral Student in Human Centered Computing
 - Advisor: Munmun De Choudhury
 - Expected Graduation Date: May 2019

- 2012 **Georgetown University**
 - 2014 MA (with Distinction) in Communication, Culture and Technology
 - Thesis Title: “Using Support Vector Machines to Distinguish Users through Touch Gesture Recognition”
 - Advisor: Evan Barba

- 2008 **University of Virginia**
 - 2012 BA in Media Studies
 - Advisor: Siva Vaidhyanathan

PUBLICATIONS AND PRESENTATIONS

2.1 Heavily Peer-reviewed Conference Proceedings¹

Chancellor, S., Hu, A., and De Choudhury, M. “Norms Matter: Contrasting Social Support Around Behavior Change in Online Weight Loss Communities.” CHI ‘18. Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems. Forthcoming.

Chancellor, S. and Counts, S. “Measuring Employment Demand Using Internet Search Data.” CHI ‘18. Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems. Forthcoming.

Chancellor, S., Kalantidis, Y., Pater, J., De Choudhury, M., and Shamma, D. A. (2017). “Multimodal Classification of Moderated Pro-Eating Disorder Content.” CHI ‘17. Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems [25%]

Chancellor, S., Lin, Z., and De Choudhury, M. (2016) “ ‘This Post Will Just Get Taken Down’: Characterizing Removed Pro-Eating Disorder Social Media Content.” CHI ‘16. Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems [23.4%]

Chancellor, S., Mitra, T., and De Choudhury, M (2016). “Recovery Amid Pro-Anorexia: Analysis of Recovery in Social Media.” CHI ‘16. Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems [23.4%]

Chancellor, S., Pater, J., Clear, T., Gilbert, E., and De Choudhury, M. (2016). “#thygh-gapp: Instagram Content Moderation and Lexical Variation in Pro-Eating Disorder Communities.” CSCW ‘16. Proceedings of the 19th ACM Conference on Computer-Supported

¹Note: Peer-reviewed conferences are top-tier publication venues in HCI and computer science. They are highly selective, extensively reviewed, and intended for archival papers only. When available, the acceptance rate is included.

Cooperative Work & Social Computing. [25%] **Best Paper Honorable Mention.**

Chancellor, S., Lin, Z., Goodman, E., Zerwas, S., and De Choudhury, M. (2016). “Quantifying and Predicting Mental Illness Severity in Online Pro-Eating Disorder Communities.” CSCW ‘16. Proceedings of the 19th ACM Conference on Computer-Supported Cooperative Work & Social Computing. [25%]. **Best Paper Honorable Mention.**

Barba, E., and **Chancellor, S.** (2015) “Tangible Media Approaches to Introductory Computer Science.” ITiCSE ‘15. Proceedings of the 2015 ACM Conference on Innovation and Technology in Computer Science Education. [35%]

2.2 Peer-reviewed Workshop Proceedings

Chancellor, S. “Computational Methods to Understand Deviant Mental Wellness Communities.” CHI Doctoral Consortium 2018. (forthcoming).

Stewart, I., **Chancellor, S.**, De Choudhury, M., Eisenstein, J. (2017). “#anorexia, anorexia, anorexia: Characterizing Online Community Practices with Orthographic Variation.” Presented in the SocialNLP Workshop at IEEE BigData.

Chancellor, S., Birnbaum, M., Caine, E., Silenzio, V., and De Choudhury, M. (2017). “Ethical Challenges in Algorithmic Inference of Mental Health Status with Large-Scale Social Data.” Presented in the Computational Linguistics and Clinical Psychology (CLPsych) Workshop at ACL 2017: Association for Computational Linguistics.

Chancellor, S., Silenzio, V., Caine, E., and De Choudhury, M. (2016). “Social Media Big Data as a ‘Sensor’ of Mental Well-being: Ethical Insights and Challenges.” Presented in the Human Centered Data Science Workshop at CSCW 2016: Conference on Computer Supported Cooperative Work.

2.3 Conference Presentations and Panels

Calvert, S., Brunick, K., Putnam, M., Mah, E., Richards, M., Horowitz, J., Richmond, E., **Chancellor, S.**, Barba, E. (2016). “Creating an Intelligent Character Prototype to Teach Early Math Skills.” Presented at SRCD Special Topic Meeting: Technology and Media in Children’s Development. [Paper/Panel]

2.4 Lightly Peer-reviewed Posters and Presentations

Chancellor, S., Deeb, J., and De Choudhury, M. (2015). “Network Analysis of Mental Illness Severity in Instagram’s Pro-Eating Disorder Communities.” Presented at the Atlanta Computational Social Science Workshop. [Poster]

Chancellor, S., Pater, J., Clear, T., Gilbert, E., and De Choudhury, M. (2014). “#thighgapp: Hashtag Evolutions in the Pro Eating Disorder Community on Instagram.” Presented at the Atlanta Computational Social Science Workshop. [Poster]

Chancellor S. (2014) “Can You Drop a File on Your Foot? A New Approach to the Classification of Digital Goods.” Presentation at STGlobal Consortium. [Presentation]

2.5 Workshops Organized

Fiesler, C., **Chancellor, S.**, Hoffmann, A.L., Pater, J., and Proferes, N. (2016). Challenges and Futures for Ethical Social Media Research. At ICWSM '16, 10th Annual International AAAI Conference on Web and Social Media.

2.6 Other Publications, Presentations, Workshops, and Demos

Chancellor, S., Pater, J., Clear, T., Gilbert, E., and De Choudhury, M. (2015). “thyhgapp: Instagram Content Moderation in Pro-Eating Disorder Communities.” Presented at the GVU Demo Day. [Poster].

Chancellor, S. (2014). “Using Support Vector Machines to Distinguish Users through Touch Gesture Recognition.” Master’s Thesis.

Chancellor S. (2012) “American News Representation of Turkish YouTube Bans.” The Wilson Undergraduate Journal of International Affairs.

Chancellor S. (2011) “Privatization of Copyright Legislation: How YouTube and Facebook are Destroying Copyright and Fair Use.” Movable Type Undergraduate Research Journal of Media Studies.

Chancellor S. (2011) “Wikileaks and Secrecy.” Movable Type Undergraduate Research Journal of Media Studies.

2.7 Invited Talks

“Measuring Employment Demand with Internet Search Data.” Microsoft Research HCI Intern talks. August 2017.

“Identifying Abuse on the Tumblr Pro-Eating Disorder Community.” Yahoo!. August 2016.

“Computational Methods to Understand the Pro-Eating Disorder Community.” PhD Recruitment Flash Talk. March 2016.

RESEARCH EXPERIENCE

- 2014 **Graduate Research Assistant**
 - present School of Interactive Computing, Georgia Institute of Technology
 - Advisor: Munmun De Choudhury
 - Role: Researching deviant mental wellness communities online, focusing on the pro-eating disorder community

- 2013 **Graduate Research Assistant**
 - 2014 Department of Communication, Culture, and Technology, Georgetown University
 - Advisor: Evan Barba
 - Role: Developing curriculum and tutorials for teaching “Tabletop Computing as an Introductory Platform”; master’s thesis research

- 2013 **Graduate Research Assistant**
 - 2014 Department of Psychology, Georgetown University

Advisors: Sandra Calvert and Evan Barba

Role: Designed, developed, and tested an educational children's game to teach basic mathematical concepts

- 2013 **Policy Scholar Research Fellowship**
- 2013 Advisor: eBay Policy, Washington DC
Research Topic: Digital Products and First Sale as a Barrier to Trade
An Analysis of eBay's Used Software Marketplace
- 2012 **Student Researcher**
Research Topic: Students' Attitudes Toward "Facebook Connect" and Privacy
Conducted through MDST 3559 – Digital Culture and Social Media

FELLOWSHIPS, HONORS, & AWARDS

- 2018 CHI Doctoral Consortium Funding.
2016 Georgia Tech Foley Scholar Finalist
2016 Best Paper Honorable Mention, CSCW 2016 for "Quantifying and Predicting Mental Illness Severity in Online Pro-Eating Disorder Communities".
2016 Best Paper Honorable Mention, CSCW 2016 for "#thyghgapp: Instagram Content Moderation and Lexical Variation in Pro-Eating Disorder Communities"
2014 Georgia Tech Graduate Research Assistantship
2014 Meritorious Medal for Outstanding Contributions by an Alumni
Washington Literary Society and Debating Union
2013 eBay Policy Scholars Fellowship
2013 TPRC 41 Conference: Full Student Scholarship

INDUSTRY AND PROFESSIONAL EXPERIENCE

- 2017 **Microsoft Research**
Research Intern. Redmond, WA.
Mentor: Scott Counts (neXus Group)
Measuring and exploring demand for jobs using internet search data.
- 2016 **Yahoo! Research**
Intern Scientist. San Francisco, CA.
Mentors: Yannis Kalantidis and David A. Shamma
Multimedia approach to exploring abusive content on Tumblr.
- 2015 **Data Science for Social Good**
Research Intern. Atlanta, GA.
Mentors: Chris Le Dantec and Bistra Dilkina
Analysis of Georgia Tech WiFi data to understand campus mobility patterns.
- 2009 **Toppling Dominoes**
- 2015 Front-end Web Designer.
Web design, coding and development, Wordpress custom theme creation and management, brand identity development. (Self-employed)
- 2011 **Chappell Graphics**
- 2012 Web Developer and Project Manager, Charlottesville VA
Website design, coding and development, Wordpress custom theme creation and install management, creative direction, project management.

TEACHING

6.1 Experience

- 2018 **Computing, Society, and Professionalism (CS 4001)**
Teaching Assistant under Munmun De Choudhury.
Responsibilities: Guiding student research project development, grading and assessment.
- 2016 **Social Computing (CS 6474)**
Teaching Assistant under Munmun De Choudhury.
Responsibilities: Guiding student design/research project development, lecturing, grading and assessment.
- 2016 **Human Centered Computing Seminar (CS 8000)**
Co-Lead with Michaelanne Dye.
Responsibilities: Managed the yearly seminar for HCC PhD students. Designed curriculum for PhD professional advancement, facilitated seminar-style discussions, organized social events.
- 2014 **Interaction Design: Electronics and Semantics (CCTP 617)**
Teaching Assistant under Evan Barba
Responsibilities: Course design and development; writing and recording tutorials, homework assignments, and mini-lectures; guiding student final app project development guest lecturing; grading and assessment.
- 2013 **Tangible and Embodied Computing (CCTP 556)**
Teaching Assistant under Evan Barba.
Responsibilities: Course design and development; writing and developing intensive tutorials for the Microsoft Surface Table; guest lecturing; guiding student final project development; grading and assessment.

6.2 Guest Lectures

“Post PhD - Career Guidance and Job Hunting”. Guest Lead for CS 8000 - Human Centered Computing Seminar. Nov 2017.

“Social Computing and Deviant Behavior.” Guest Lecture for CS6474 - Social Computing. Oct 2016.

“Social and Emotional Support.” Guest Lecture for CS8803 - Data Analytics for Well-Being. Jan 2016.

“Understanding Bad Behavior through the Pro-Eating Disorder Community.” Guest talk for CS3750 - Introduction to HCI. July 2015.

“Event Driven Programming in C#.” Guest lecture for CCTP 556 - Tangible and Embodied Computing. Nov 2013.

CERTIFICATES

- In progress **Tech to Teaching**
Institute: Georgia Institute of Tech
Certificate designed to teach future faculty to teach. Coursework includes foundations of teaching, course design and assessment, and a teaching practicum.
- 2013 **WTO, International Trade, and Development**
Institute: Graduate Institute of International and Development Studies
Geneva, Switzerland
Certificate that taught issues of international trade and development.

SERVICE & MENTORING

Georgia Tech

Student Representative, Faculty Hiring Committee, Interactive Computing. 2017-2018.
Event Coordinator, Grad Women @ CC. 2017
Student Host, Interactive Computing Faculty Recruitment. 2015, 2017.
Instructor: Human Centered Computing Student Seminar. Fall 2016.
First year PhD Student Mentor, 2016.
Volunteer, Interactive Computing PhD Recruitment. 2015-2017.

Georgetown University and University of Virginia

Georgetown Women Who Code. Mentor and group facilitator. 2013-2014.
gnovis Journal of CCT. Peer reviewer, blogger. 2012-2014.
Georgetown CCT Student Admissions Reviewer. 2013-2014.
Movable Type Undergraduate Research Journal in Media Studies. Peer reviewer, webmaster, conference coordinator. 2010-2012.

Conference and Journal Reviewing

CSCW 2017-2018
CHI 2016-2018
CHI LBW 2017
Transactions on Social Computing (TSC).
Sociology of Health and Illness.
Social Media + Society.

Student Mentoring

Andrea Hu. BS-CS, MS-CS.
Francisco Zampieri, BS-CS.
Zhiyuan "Jerry" Lin. BS-CS (now a PhD Student at Stanford University).

RELEVANT COURSEWORK

Georgia Tech

CS 6470 - Design of Online Communities
CS 8803 - Social Computing
CS 6750 - Human Computer Interaction
CS 6451 - Human Centered Computing
CS 7455 - Issues in Human Centered Computing
CS 6456 - Principles of UI and Software Technology
CETL 8713 - Fundamentals of Teaching and Learning

Georgetown University

CCTP 653 - Governing Algorithms
CCTP 696 - Social Network Analysis
CCTP 556 - Tangible and Embodied Computing
CCTP 733 - How to Predict the Future(s)
CCTP 709 - Intellectual Property - Who Owns Ideas
CCTP 708 - Information Privacy and Security Policy

TECHNICAL SKILLS

Languages: Python, C#, Java, R
Front-end: HTML/CSS, jQuery/JavaScript, PHP, MySQL, PostgreSQL
Skills: Wordpress theme development, 3D modeling/printing

SELECTED PRESS

“Why Eating Disorders Are So Hard For Instagram And Tumblr To Combat.” BuzzFeed. April 2016.

<https://www.buzzfeed.com/stephaniemlee/why-eating-disorders-are-so-hard-for-instagram-and-tumblr-to>

“Does Censorship on Social Media Do More Harm Than Good?.” Vice. March 2016.

<https://www.vice.com/read/do-social-media-bans-do-more-harm-than-good>

“Pro-eating disorder communities modify hashtag terms to perpetuate the movement.” Daily-Dot. March 2016

<http://www.dailydot.com/lifestyle/instagram-pro-eating-disorder/>

“Banning Pro-Eating Disorder Words On Instagram Doesn’t Work.” Shape. March 2016

<http://www.shape.com/lifestyle/mind-and-body/banning-pro-eating-disorder-words-instagram-doesnt-work>

“Instagram’s banning of pro-anorexia content may have made the problem worse, scientists find.” The Independent. March 2016.

<http://www.independent.co.uk/news/science/instagram-pro-anorexia-ed-eating-disorders-study-a6923856.html>

“This Is What Happened When Instagram Banned Certain Pro-Anorexia Words.” Gizmodo. March 2016.

<http://gizmodo.com/this-is-what-happened-when-instagram-banned-certain-pro-176390200>