

Curriculum Vitae for Rachel Greenstadt

Professional Preparation

Education

Institution	Major	Degree, Year
Harvard University	Computer Science	Ph.D., 2007
Massachusetts Institute of Technology	EE and Computer Science	M.Eng., 2002
Massachusetts Institute of Technology	Computer Science	S.B., 2001

Appointments

09/2008-present	Assistant Professor , Drexel University, Department of Computer Science
07/2007-08/2008	Postdoctoral Fellow , Harvard University School of Engineering and Applied Sciences, Center for Research on Computation and Society
07/2005-09/2005	Visiting Scholar , University of Southern California, TEAMCORE group
07/2004-08/2004	Research Intern , Lawrence Livermore National Laboratory
06/2002-06/2007	Research Assistant , Harvard University School of Eng. and Applied Sciences
06/2001-8/2001	Research Assistant , MIT Laboratory for Computer Science

Five Relevant Publications

1. Sadia Afroz, Michael Brennan, and **Rachel Greenstadt**, Detecting Hoaxes, Frauds, and Deception in Writing Style Online, *IEEE Symposium on Security and Privacy*, 2012.
2. Andrew McDonald, Sadia Afroz, Aylin Caliskan, Ariel Stolerman, and **Rachel Greenstadt**, Use Fewer Instances of the Letter ‘i,’ Toward Anonymizing Writing Style, *Privacy Enhancing Technologies Symposium*, 2012 (Best Student Paper).
3. Sadia Afroz, Michael Brennan, and **Rachel Greenstadt**, Adversarial Stylometry, to appear in *ACM Transactions on Information and System Security (TISSEC)*, 2012.
4. Matthew Burkholder and **Rachel Greenstadt**, Privacy in Online Review Sites, *Workshop on Semantic Computing and Security (WSCS), IEEE Security and Privacy*, 2012.
5. Michael Brennan and **Rachel Greenstadt**, Coalescing Twitter Trends: The Under-Utilization of Machine Learning in Social Media, *Third IEEE Conference on Social Computing*, 2011.

Five Selected Publications

1. Sadia Afroz and **Rachel Greenstadt**, PhishZoo: Detecting Phishing Websites by Looking at Them, *IEEE Fifth International Conference on Semantic Computing(ICSC '11)*, 2011.
2. Michael Brennan, Stacey Wrazien, and **Rachel Greenstadt**. Using Machine Learning to Augment Collaborative Filtering of Community Discussions, *Autonomous Agents and Multi-agent Systems (AAMAS 2010)*
3. Oliver Day, Brandon Palmen, and **Rachel Greenstadt**, Reinterpreting the Disclosure Debate for Web Infections, in *Managing Information Risk and the Economics of Security*, ed. M. Eric Johnson. Springer (2008).
4. **Rachel Greenstadt**, Jon P. Pearce, and Milind Tambe. Analysis of Privacy Loss in Distributed Constraint Optimization. *Proceedings of the 21st National Conference on Artificial Intelligence (AAAI 2006)*.
5. Tony Vila, **Rachel Greenstadt**, and David Molnar. Why We Can't Be Bothered To Read Privacy Policies: Privacy as a Lemons Market, *Fifth International Conference on Electronic Commerce (ICEC 2003)*.

Synergistic Activities

The following demonstrate the impact of Dr. Greenstadt's professional and scholarly activities.

1. Dr. Greenstadt's research is highly interdisciplinary. She researches security and privacy models for distributed, multi-agent systems. Her work in information security and privacy is highly informed by ideas in economics. She has served as a peer reviewer in security, privacy, AI, and agents conferences (AAAI, AAMAS, ACM CCS, and PET). She chaired the workshop on Artificial Intelligence and Security in 2010 and 2011. She runs the Privacy, Security, and Automation Laboratory (PSAL) at Drexel University.
2. Dr. Greenstadt has long been an active speaker and participant in the international hacking community. Her work has been presented at Hacking at Random, Vierhouten, NL, ShmooCon, DefCon, and the Chaos Communication Congress.
3. Dr. Greenstadt has participated in, spoken at, and served on program committees for several workshops building ties between the security, AI, and usability communities including AISec (ACM CCS 2008-12), Security and Human Behavior (MIT 2008-12), UPsec (NSDI 2008), QRASA (IJCAI 2009), and the Workshop on Economics and Information Security (WEIS 2003,2005,2006,2008).
4. Dr. Greenstadt was a Department of Homeland Security graduate fellow from 2003-2006. From 2010-present, she has been a member of the DARPA Computer Science Study Panel.
5. Dr. Greenstadt's lab has helped organize two hackathons for Random Hacks of Kindness that were deemed among the most successful RHoKs organized.

F. Collaborators & Other Affiliations

(a) Collaborators and Co-Editors

Name	Current Affiliation	Name	Current Affiliation
Michael Atighetchi	BBN	Alvaro Cardenas	Fujitsu
Kapil Dandekar	Drexel U.	Patrick Juola	Duquesne U.
Michael Mayhew	AFRL	William Regli	Drexel U.
Jennifer Rode	Drexel U.	Ben Rubinstein	Microsoft
John Walsh	Drexel U.	Stacey Wrazien	UPenn

Advisors and Students

(b) Graduate Advisors

Name	Current Affiliation	Note
Michael D. Smith	Harvard University	Ph.D. Advisor
Robert Morris	MIT	M.Eng. advisor

(c) Current Students

Name	Current Affiliation	Program
Sadia Afroz	Drexel U.	Ph.D.
Michael Brennan	Drexel U.	Ph.D.
Ariel Stolerman	Drexel U.	Ph.D.
Aylin Caliskan	Drexel U.	Ph.D.
Kenneth Hummel	Drexel U.	M.S.
Andrew McDonald	Drexel U.	B.S.
Joseph Muoio	Drexel U.	B.S.
Pavan Kantharaju	Drexel U.	B.S.