

Monica G. Maceli, Ph.D.

Assistant Professor

Pratt Institute, School of Information

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EDUCATION

Drexel University, College of Information Science and Technology **2012**

Philadelphia, PA

Ph.D., Information Studies

Areas of concentration: human-computer interaction & end-user development

Aveiro University **2010**

Aveiro, Portugal

DESIRE Network's International Summer School

Topic: Models of Creative Design

Drexel University, College of Information Science and Technology **2006**

Philadelphia, PA

M.S.I.S., Information Systems

Area of concentration: human-computer interaction

Bryn Mawr College **2000**

Bryn Mawr, PA

B.A., Anthropology

Minor: Fine Arts

PROFESSIONAL EXPERIENCE

Pratt Institute, School of Information

New York, NY

Assistant Professor

2014-present

Associate Program Coordinator, MS in Information Experience Design

2017-present

Drexel University, College of Computing & Informatics

Philadelphia, PA

Assistant Teaching Professor

2012-2014

Instructor

2010-2012

Graduate Research Assistant

2007-2010

Ubuntu/Canonical

London, UK

Season of Usability Intern

Summer 2009

Drexel University Libraries

Philadelphia, PA

Webmaster

2005-2007

SMG, Inc.

Philadelphia, PA

Lead Web Developer

2004-2005

Amazon.com

Seattle, WA

Web Developer

2000-2003

TEACHING

Pratt Institute, School of Information

New York, NY

INFO 654 Information Technologies

INFO 638 Web Development

INFO 639 Database Design and Development

INFO 697 Special Topics: Rapid Prototyping and Physical Computing

Drexel University, College of Computing & Informatics

Philadelphia, PA

INFO 101 Introduction to Information Technology

INFO 105 Introduction to Informatics

INFO 108 Foundations of Software

INFO 110 Human Computer Interaction I

INFO 215 Social Aspects of Computing

INFO 310 Human Computer Interaction II

INFO 480 Special Topics – Social Media

Drexel University Computing Academy (DUCA): HCI Sessions

Massive Open Online Course (MOOC): Introduction to Informatics

RESEARCH INTERESTS

My research addresses: 1) information technology education, trends, and applications in the information science field, 2) the design and customization of information technology tools by end users, and 3) single-board computer and microcontroller applications in libraries, archives, and museums.

PUBLICATIONS

Book Chapters

Maceli, M. (2019, in press). Privacy-Protection Technology Tools: Libraries and Librarians as Users, Participants, and Advocates. In Kenneth J. Varnum (Ed.) *New Top Technologies Every Librarian Needs to Know: A LITA Guide*. Chicago: ALA Neal-Schuman.

- Maceli, M.** (2018). Tech-Savvy Librarian vs. (Library) Technologist: Understanding the Future Role of Librarians in Technology Practice. In L. C. Sarin, J. Percell, P. T. Jaeger, & J. C. Bertot (Eds.) *Re-Envisioning the MLS: Perspectives on the Future of LIS Education, Advances in Librarianship, 44(B)*, Emerald Group Publishing Limited. pp. 153-178. DOI=<https://doi.org/10.1108/S0065-28302018000044B009>
- Maceli, M.,** & Song, M. (2007). Deep Web Mining Through Web Services. In *Encyclopedia of Data Warehousing and Mining* (Vol. 2, p. 631-637). Hershey, PA: Information Science Reference. DOI=<http://dx.doi.org/10.4018/978-1-60566-010-3.ch099>

Journal Articles

- Maceli, M.** (2018). EnviroPi: Taking a DIY Internet-of-Things approach to an environmental monitoring system. *Code4Lib Journal, 42*.
<https://journal.code4lib.org/articles/13943>
- Maceli, M.** (2018). Encouraging patron adoption of privacy-protection technologies: Challenges for public libraries. *IFLA Journal – Special Issue on Privacy, 44* (3), 195-202. DOI=<https://doi.org/10.1177/0340035218773786>
- Maceli, M.** & Cocciolo, A. (2017). Monitoring Environmental Conditions with Low-Cost Single Board Computers. *Preservation, Digital Technology & Culture, 46*(4), pp. 124-131. DOI=<https://doi.org/10.1515/pdte-2017-0008>
- Maceli, M.** & Burke, J. (2016). Technology Skills in the Workplace: Information Professionals' Current Use and Future Aspirations. *Information Technology and Libraries, 35*(4), 35-62. DOI=<http://dx.doi.org/10.6017/ital.v35i4.9540>
- Maceli, M.** (2016). Introduction to Text Mining with R for Information Professionals. *Code4Lib Journal, 33*. <http://journal.code4lib.org/articles/11626>
- Maceli, M.** (2015). What Technology Skills Do Developers Need? A Text Analysis of Job Listings in Library and Information Science (LIS) from Jobs.code4lib.org. *Information Technology and Libraries, 34*(3), 8-21.
DOI=<http://dx.doi.org/10.6017/ital.v34i3.5893>
- Maceli, M.** (2015). Creating Tomorrow's Technologists: Contrasting Information Technology Curriculum in North American Library and Information Science Graduate Programs against Code4lib Job Listings. *Journal of Education for Library and Information Science, 56*(3), 198-212. DOI=<http://dx.doi.org/10.12783/issn.2328-2967/56/3/3>
- Maceli, M.,** Wiedenbeck, S., & Abels, E. (2011). The Internet Public Library (IPL): An Exploratory Case Study on User Perceptions. *Information Technology and Libraries, 30*(1), 16-23. DOI=<http://dx.doi.org/10.6017/ital.v30i1.3041>

Refereed Conference Papers

- Maceli, M.,** Villaespesa, E. & Adams, A. (2019, accepted). Environmental Monitoring of Archival Collections: Professionals' Data Monitoring Needs and Challenges. In *Proceedings of the 2019 iConference*. Springer.
- Maceli, M.** (2017). Tools of the Trade: A Survey of Technologies in End-User Development Literature. In Barbosa, S., et. Al. (Eds.) *Proceedings of the 6th*

International Symposium on End-User Development (pp. 49-65). Heidelberg: Springer. DOI= http://dx.doi.org/10.1007/978-3-319-58735-6_4

Maceli, M. (2016). Co-Design in the Wild: A Case Study on Meme Creation Tools. In *Proceedings of the 14th Participatory Design Conference: Full papers - Volume 1* (PDC '16), Vol. 1. ACM, New York, NY, USA, 161-170. DOI=<http://dx.doi.org/10.1145/2940299.2940300>

Maceli, M. (2015). Instilling a Culture of Participation: Technology-Related Skills and Attitudes of Aspiring Information Professionals. In Díaz, P., et al. (Eds.) *Proceedings of the 5th International Symposium on End-User Development* (pp. 173-179). Heidelberg: Springer. DOI=http://dx.doi.org/10.1007/978-3-319-18425-8_12

Maceli, M., & Atwood, M. E. (2013). "Human Crafters" Once Again: Supporting Users as Designers in Continuous Co-Design. In Dittrich, Y., et al. (Eds.) *Proceedings of the 4th International Symposium on End-User Development* (pp. 9-24). Heidelberg: Springer. DOI=http://dx.doi.org/10.1007/978-3-642-38706-7_3

Maceli, M., & Atwood, M. E. (2011). From Human Crafters to Human Factors to Human Actors and Back Again: Bridging the Design Time – Use Time Divide. In Costabile, M.F., et al. (Eds.) *Proceedings of the 3rd International Symposium on End-User Development* (pp. 76-91). Heidelberg: Springer. DOI=http://dx.doi.org/10.1007/978-3-642-21530-8_8

Maceli, M., & Atwood, M. E. (2011). From Human Factors to Human Actors to Human Crafters. In *Proceedings of the 2011 iConference* (pp. 98-105). New York, NY: ACM. DOI=<http://dx.doi.org/10.1145/1940761.1940775>

Workshop Papers

Maceli, M. (2018). "It Works by Not Doing Things That Everybody Else Does": Designing for User Privacy. *Short paper presented at Privacy in Context: Critically Engaging with Theory to Guide Privacy Research and Design*, CSCW 2018, November 3, 2018, Jersey City, NJ, https://networkedprivacycscw2018.files.wordpress.com/2018/10/maceli_2018_it-works-by-not-doing.pdf

Maceli, M. (2015). Towards a Future of Increasing End-User Development: Creating Empowered or Over-Burdened End Users? In *Proceedings of 3rd Workshop on Cultures of Participation in the Digital Age*, CoPDA'15, Madrid, Spain, May 26, 2015, CEUR-WS.org, <http://ceur-ws.org/Vol-1641/paper4.pdf>

Maceli, M. (2014) Future-Focused Ideation: Meta-Design Inspired Heuristics. *Short paper presented at Environments for creative interaction design processes*, June 21, 2014, Vancouver, BC, Canada.

Maceli, M. (2013) Learning from the Learners: MOOCs and Cultures of Participation. *Short paper presented at CoPDA 2013: Cultures of Participation in the Digital Age*, June 10, 2013, Copenhagen, Denmark.

Maceli, M. (2012) Meta-Design Tools: Expanding Opportunities for Digital Imagery in Visual Thinking. *Short paper presented at Visual Thinking & Digital Imagery*, May 5, 2012, Austin, TX.

Maceli, M. (2011) From Human Factors to Human Actors to Human Crafters: Principles Supporting Design in Use. *Short paper presented at Designer Experience: Exploring Ways to Design in Experience*, May 7, 2011, Vancouver, BC, Canada.

PRESENTATIONS

- Maceli, M.** (2018, September 20). Internet-of-Things Environmental Monitoring Systems. Presented at ASIS&T Student Chapter Speakeasy Series, Pratt Institute, New York, NY.
- Maceli, M.** (2018, September 12-14). Invited participant at National Forum on Web Privacy and Web Analytics. Montana State University, Bozeman, Montana.
- Maceli, M.** (2018, February 14). Low-Cost Preservation Environment Monitoring with the Raspberry Pi. Presented at Code4Lib 2018 Conference, Washington, DC.
- Maceli, M.** (2017, September 21). Librarians' Perceptions and Use of Privacy-Protection Technology Tools. Presented at ASIS&T Student Chapter Speakeasy Series, Pratt Institute, New York, NY.
- Maceli, M.** (2017, March 8). Protecting Me How? Understanding the Function of Privacy-Protection Technology Tools. Presented at Code4Lib 2017 Conference, Los Angeles, CA.
- Maceli, M.** (2016, December 6). Hour of Code for Library & Information Science. Presented at Pratt School of Information Hour of Code, Pratt Institute, New York, NY.
- Maceli, M.** (2016, August 5). Who's Technically Doing What? Presented at Code4Lib NYS 2016 Midsummer Meeting & Unconference, Ithaca, NY.
- Maceli, M.** & Cocciolo, A. (2016, May 17). Applications of the Raspberry Pi in the LAM domain. Presented at Pratt School of Information Maker & Game Fair, Pratt Institute, New York, NY.
- Maceli, M.** (2016, March 9). What does it take to get a job these days? Analyzing jobs.code4lib.org data to understand current technology skillsets. Presented at Code4Lib 2016 Conference, Philadelphia, PA.
- Maceli, M.** (2015, October 19). Users as Developers. Presented at ASIS&T Student Chapter Speakeasy Series, Pratt Institute, New York, NY.
- Maceli, M.** (2014, April 25). Between a Rock and an OPAC: Designing Usable Library Interfaces. Presented at the 2014 Tri-State College Library Collective (TCLC) Spring Program: User Experience – what it means for your library, Chestnut Hill, PA.

POSTER SESSIONS

- Maceli, M.,** Morris, V. I., & Brace, V. (2014). *MOOCs at the College of Computing & Informatics: Successes and Challenges*. Poster session presented at the e-Learning Conference 3.0, Philadelphia, PA.
- Maceli, M.** (2010). *From Human Crafters to Human Factors to Human Actors: Towards a Future of Designing in Use*. Poster session presented at the DESIRE Network's International Summer School, Aveiro, Portugal.
- Maceli, M.** (2009). *Third Wave HCI: Design in the 'World'*. Poster session presented at the Drexel University Research Day, Philadelphia, PA.
- Maceli, M.** (2008). *Methodological Triangulation: Evaluation of Drexel University Libraries' Website*. Poster session presented at the Drexel University Research

GRANTS

Pratt Research SeedGrant Award, Pratt Institute. (2018-2019). Project Title: Internet-of-Things Environmental Monitoring for Cultural Heritage: Exploring Open Hardware Possibilities (**PI: Monica Maceli**).

Faculty Development Fund Award, Pratt Institute. (2017-2018). Project Title: Librarians' Perceptions and Use of Privacy-Protection Technology Tools (**PI: Monica Maceli**).

SERVICE

Pratt Institute, School of Information

Faculty Search Committee	2018-2019
Peer Review Committee	2014-present
Chair, Peer Review Committee	2017-2018
School Curriculum Committee	2014-2018
LIS Program Committee	2016-2017
e-Portfolio Oversight Committee	2015-2016

Pratt Institute

Research Recognition Awards Committee	2018-2019
Academic Integrity Standing Committee	2018-2019
Search Committee for Dean of School of Information	2017-2018
Digitizing the ARPT: Interfolio Test Committee	Summer 2017
Graduate Student Experience Committee	2016-2017
Faculty Development Fund Awards Committee	2015-2016
Distinguished Teacher Award Committee	2014-2015

Drexel University, College of Computing & Informatics

ABET Undergraduate Accreditation Committee	2013-2014
Informatics Undergraduate Curriculum Committee	2013-2014
Teaching Excellence Committee	2012-2013
Faculty Learning Community (FLC): Online Teaching & Learning	2012-2013
Ad Hoc Committee on Undergraduate Education	2011-2012

Program Chair & Program Committees

Work-in-progress ISEUD 2019 (program chair)	2018-2019
Cultures of Participation in the Digital Age (CoPDA)	2013-2018
International Symposium on End User Development (IS-EUD)	2013-2017
Human Factors in Software Development Processes (HuFaMo)	2017
End-Users' Playground at IS-EUD (program chair)	2015

Reviewing

Behaviour & Information Technology	2018
iConference	2018
Journal of Systems and Software	2018
Innovational Research Incentives Scheme, Netherlands	2018

Organization for Scientific Research [Grant reviewer]	
ALISE Conference	2017-present
Participatory Design Conference (PDC)	2016-present
Journal of Education for Library and Information Science (JELIS)	2015-present
Cultures of Participation in the Digital Age (CoPDA)	2013-present
International Symposium on End User Development (IS-EUD)	2013-present
ACM Conference on Human Factors in Computing Systems (CHI)	2009-present
IMLS Laura Bush 21st Century Librarian Program [Grant reviewer]	2016
Journal of Visual Languages and Computing	2016
Applied Sciences Journal	2015
Nordic Conference on Human-Computer Interaction (NordiCHI)	2014

Professional Memberships

Association for Computing Machinery (ACM)
ACM Special Interest Group on Computer-Human Interaction (SIGCHI)
ACM Committee on Women (ACM-W)
NY Tech Meetup (NYTM)
Women Who Code (WWCode)