

# Monica G. Maceli, Ph.D.

Assistant Professor

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## EDUCATION

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<i>Drexel University, College of Information Science and Technology, Philadelphia, PA</i> <b>Ph.D., Information Studies</b>	2012
Areas of concentration: human-computer interaction & end-user development	
<i>Aveiro University, Aveiro, Portugal</i> <b>DESIRE Network's International Summer School</b>	2010
Topic: Models of Creative Design	
<i>Drexel University, College of Information Science and Technology, Philadelphia, PA</i> <b>M.S.I.S., Information Systems</b>	2006
Area of concentration: human-computer interaction	
<i>Bryn Mawr College, Bryn Mawr, PA</i> <b>B.A., Anthropology</b>	2000
Minor: Fine Arts	

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## PROFESSIONAL EXPERIENCE

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<b>Pratt Institute, School of Information, New York, NY</b>	
Assistant Professor, Information Technologies	2014-present
Associate Program Coordinator, MS in Information Experience Design	2017-present
<b>Drexel University, College of Computing &amp; Informatics, Philadelphia, PA</b>	
Assistant Teaching Professor	2012-2014
Instructor	2010-2012
Graduate Research Assistant	2007-2010
<b>Ubuntu/Canonical, London, UK</b>	
Season of Usability Intern	2009
<b>Drexel University Libraries, Philadelphia, PA</b>	
Webmaster	2005-2007
<b>SMG, Inc., Philadelphia, PA</b>	
Lead Web Developer	2004-2005
<b>Amazon.com, Seattle, WA</b>	
Web Developer	2000-2003

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## TEACHING

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**Pratt Institute, School of Information, New York, NY**

LIS 654 Information Technologies  
LIS 638 Web Development  
LIS 639 Database Design and Development

**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

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**RESEARCH INTERESTS**

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My research addresses: 1) information technology education, tools, and applications in the information science field, and 2) the design and customization of information technology tools by end users.

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**PUBLICATIONS**

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- Maceli, M.** (2017, in press). 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 Volume 42)*, Emerald Group Publishing Limited.
- 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 6<sup>th</sup> International Symposium on End-User Development* (pp. 49-65). Heidelberg: Springer. DOI= [http://dx.doi.org/10.1007/978-3-319-58735-6\\_4](http://dx.doi.org/10.1007/978-3-319-58735-6_4)
- 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). 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.** (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.** (2015). Instilling a Culture of Participation: Technology-Related Skills and Attitudes of Aspiring Information Professionals. In Díaz, P., et al. (Eds.) *Proceedings of the 5<sup>th</sup> International Symposium on End-User Development* (pp. 173-179). Heidelberg: Springer. DOI=[http://dx.doi.org/10.1007/978-3-319-18425-8\\_12](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 4<sup>th</sup> International Symposium on End-User Development* (pp. 9-24). Heidelberg: Springer. DOI=[http://dx.doi.org/10.1007/978-3-642-38706-7\\_3](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 3<sup>rd</sup> International Symposium on End-User Development* (pp. 76-91). Heidelberg: Springer. DOI=[http://dx.doi.org/10.1007/978-3-642-21530-8\\_8](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>
- 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>
- 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>

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## WORKSHOP PAPERS

- 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.

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## PRESENTATIONS

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- "Protecting Me How? Understanding the Function of Privacy-Protection Technology Tools." Presentation at *Code4Lib 2017 Conference*, March 8, 2017, Los Angeles, CA.
- "Hour of Code for Library & Information Science" Presentation at *Pratt School of Information Hour of Code*, December 6, 2016, New York, NY.
- "Who's Technically Doing What?" Presentation at *Code4Lib NYS 2016 Midsummer Meeting & Unconference*, August 5, 2016, Ithaca, NY.
- "Applications of the Raspberry Pi in the LAM domain." Presentation at *Pratt School of Information Maker & Game Fair*, May 17, 2016, New York, NY.
- "What does it take to get a job these days? Analyzing jobs.code4lib.org data to understand current technology skillsets." Presentation at *Code4Lib 2016 Conference*, March 9, 2016, Philadelphia, PA.
- "Between a Rock and an OPAC: Designing Usable Library Interfaces." Invited talk at the *2014 Tri-State College Library Collective (TCLC) Spring Program: User Experience – what it means for your library*, 25 April 2014, Chestnut Hill, PA.

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## 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 Day, Philadelphia, PA.

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## GRANTS

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

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## SERVICE

### **Pratt Institute, School of Information**

Peer Review Committee	2014-present
Curriculum Committee	2014-present
LIS Program Committee	2016-2017
e-Portfolio Oversight Committee	2015-2016

### **Pratt Institute**

Graduate Student Experience Committee	2016-present
Faculty Development Fund Awards Committee	2015-2016
Distinguished Teacher Award Committee	2014-2015

### **Drexel University, College of Computing & Informatics**

ABET Undergraduate Accreditation Committee Informatics	2013-2014
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 Committees**

International Symposium on End User Development (IS-EUD)	2013-present
Cultures of Participation in the Digital Age (CoPDA)	2013, 2015
End-Users' Playground at IS-EUD (program chair)	2015

### **Reviewing**

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)  
 Girl Develop It NYC (GDI NYC)  
 Women Who Code (WWCode)