
Archer L. Batcheller

1410 Edgewood Ave · Ann Arbor, MI 48103 · 234.567.9877 · archerb@umich.edu
<http://archerb.people.si.umich.edu>

EDUCATION

Doctoral Candidate, est. July 2010
University of Michigan, School of Information, Ann Arbor, Michigan
Advisor: Paul N. Edwards
Title: Software Engineering Practices in Building Climate Science Software

Bachelor of Science in Engineering, Electrical Engineering, cum laude, May 2005
Certificate, Program in Applications of Computing
Princeton University, Princeton, New Jersey

TEACHING

Graduate Teacher Certificate, University of Michigan est. April 2010

Classes

Part-time Faculty Summer 2009
Business & Computer Tech, Washtenaw Community College
CPS 171 – Introduction to Programming with C++

Guest Lecturer Fall 2008
School of Information, University of Michigan
SI 110 – Introduction to Information Studies

Graduate Student Instructor Fall 2007
School of Information, University of Michigan
SI 502 – Networked Computing: Storage, Communication, and Processing

Graduate Student Instructor Winter 2007
School of Information, University of Michigan
SI 502 – Choices and Learning

Computer Instructor Jun – Aug 2002
Cameroon Baptist Convention, Ndu/Mbingo, Cameroon
Microsoft Windows and Office, hardware maintenance

Other activities

Graduate Teaching Consultant Aug 2009 –
Center for Research on Learning and Teaching, U Michigan.

Instructional Technology Graduate Teaching Consultant May 2009 –
Center for Research on Learning and Teaching, U Michigan.

Taught workshop on “PowerPoint and Pedagogy” 5 Nov 2009
Center for Research on Learning and Teaching, U Michigan.

Took ENGR 580: Teaching Engineering Fall 2009
Course covers effective teaching strategies

Speaker at Graduate Student Instructor Teaching Orientation Sep 2009, Jan 2010
University of Michigan. Taught sessions on:
- *Getting Started: Teaching Graduate Students*
- *Facilitating Interaction with Students Online*
- *Practice Teaching*

AWARDS

John Malik Award (financial need and academic potential) Nov 2009
Rackham Graduate School, University of Michigan

Outstanding Graduate Student Instructor Award Apr 2008
School of Information, University of Michigan

Most Improved Student (Freshman GPA to Senior GPA) Jun 2005
Princeton University Electrical Engineering

1st place in car race for Electrical Engineering project laboratory May 2004
Princeton University

Best undergraduate paper (as a high school senior) Jan 2001
Society of Naval Architects and Marine Engineers, New
England Chapter

PUBLICATIONS

Refereed

Clarkson, G., Batcheller, A., Jacobsen, T. "Information Asymmetry and Information Sharing." *Government Information Quarterly*. Elsevier Inc. 2007.

Batcheller, A. L., Hilligoss, B., Nam, K., Rader, E., Rey-Babarro, M., Zhou, X. "Testing the Technology: Having Fun with Video Conferencing." *Proceedings of the SIGCHI conference on Human factors in computing*. ACM Press. 2007.

Reports

Jackson, S., Batcheller, A., Edwards, P., Bowker, G., Cisler, S., Star, L. Extending African Knowledge Infrastructures: Sharing, Creating, and Maintaining. Report for the World Bank. March 2008.

Batcheller, A. "Multimedia Mail for the Digital StudyHall." Senior independent work, Princeton University. Princeton, NJ. May 2005.

Batcheller, A. "Information and Communication Technologies for Economic Opportunities in Developing Regions." Senior independent work, Princeton University. Princeton, NJ. Jan. 2005.

Batcheller, A. "Analysis and Engineering of Silicone Actuators as Artificial Muscles for use in Biomimetic Underwater Robots." Presented to Society of Naval Architects and Marine Engineers, New England Chapter. Cambridge, MA. Jan. 2001.

Batcheller, A. and Kimball, R. "A Procedure for the Calibration of Pressure Transducers." Internal document, Massachusetts Institute of Technology Marine Hydrodynamics Laboratory. Cambridge, MA. Sept. 1999.

Conference presentations

"Design Strategies in Different Types of Lay Science." Society for the Social Studies of Science annual meeting. Washington, DC. 30 Oct 2009.

Edwards, P. N., Batcheller, A. L. "Social Science Studies of ESMF as Cyberinfrastructure." Poster at *AGU 2008*. IN21B-1066. San Francisco, CA. 16 December 2008.

"Health Knowledge Infrastructures: Sharing, Creating, and Maintaining Medical Resources." eLearning Africa. Accra, Ghana. 30 May 2008.

Invited talks

"Scientific Cyberinfrastructure and the Qualities of Lay Science." FIRST Research talk series. University of Michigan. Ann Arbor, MI. 9 Oct 2009.

"Scientific Cyberinfrastructure and the Qualities of Lay Science." Albion College Math & Computer Science Colloquium. Albion, MI. 9 Apr 2009.

WORKSHOPS

Attended

Approaching 'Amateur' GROUP '09. Sanibel Island, FL	10 May 2009
Values in Design. NSF Workshop, Santa Clara University	9-16 Aug 2008
Intercultural Leadership Seminar, University of Michigan	25 Feb – 1 Mar 2008
User-Centered Design for International Development Computer-Human Interaction '07. San Jose, CA	28 Apr 2007

Organized

History and Theory of Infrastructure: Distilling Lessons for New Scientific Cyberinfrastructure NSF Workshop, University of Michigan	28 Sep – 1 Oct 2006
--	---------------------

SERVICE

Reviewed papers for Computer Supported Cooperative Work '10	Jun 2009
Co-organized the Doctoral Development Seminar School of Information, University of Michigan	2008-2009

WORK EXPERIENCE	<p>Software Developer Jun 2008 – <i>Menlo Innovations, Ann Arbor, MI</i></p> <p>Security Analyst and Programmer 2006 – 2008 <i>VA Medical Center, Ann Arbor, MI</i></p> <p>Software Developer 2003, 2005 <i>JAARS, Inc., Waxhaw, NC</i></p> <p>New Media Center Consultant 9/2001-5/2005 <i>Princeton University, Princeton, NJ</i></p> <p>Center for Cyber Defenders Intern May – Aug 2004 <i>Sandia National Laboratories, Livermore, CA</i></p> <p>Student Researcher 1999-2000 <i>Massachusetts Institute of Technology, Cambridge, MA</i></p> <p>Computer Technician 1997 – 2001 <i>Hoosick Falls Central Schools, Hoosick Falls, NY</i></p>
------------------------	--

MEMBERSHIPS

- Association for Computing Machinery
- Institute of Electrical and Electronics Engineers
- American Geophysical Union
- Society for the Social Studies of Science