

## MELISSA K. CHALMERS

mechalms@umich.edu

3339E North Quad, 105 S. State St. Ann Arbor, MI 48109

(734) 417-5942

### EDUCATION

#### University of Michigan School of Information

Ann Arbor, MI

PhD student

Fall 2011 – Present

Science, Technology & Society Graduate Certificate program

Master of Science in Information

May 2014 (Expected)

*Specialization: preservation of information*

#### University of London, Goldsmiths College

London, UK

Master of Arts in Cultural Studies

2002

#### University of Michigan

Ann Arbor, MI

Bachelor of Arts in Social Anthropology

1998

Honors College, College of Literature, Science & the Arts

### RESEARCH EXPERIENCE

#### University of Michigan School of Information

Ann Arbor, MI

Validating Quality in Large-Scale Digitization

May 2011 - present

Paul Conway, Principal Investigator (IMLS and Mellon Foundation funded study)

*Graduate Student Research Assistant*

Co-designing user studies seeking to evaluate digitization quality measures within the context of humanities scholars' online reading requirements and assessment processes. Conduct critical analyses and synthesis of published research related to information quality, readability, digital image analysis, relevance, and scholarly research practices in online environments.

Examining the Reuse of Scientific Research in Practice

May 2010 – May 2011

Ixchel Faniel, Principal Investigator

*Research Assistant*

Gathered and summarized published research on knowledge transfer in collaborative research environments. Assisted in data collection and analysis: created interview protocols, conducted interviews and observations, reviewed interview transcripts, worked with research team to create codebook for qualitative analysis.

**University of Michigan Libraries***Digital Preservation Intern***Ann Arbor, MI**

May – August 2011

Surveyed collection content and existing documentation for DLXS, a repository system built to host and manage early digital collections. Identified challenges of migrating content to the HathiTrust for long-term preservation without compromising continued access and functionality.

**Opening Science Gateways to Future Success**

Nancy Wilkens-Diehr, Principal Investigator

**Chicago, IL**

Summer 2010

*Project Support*

Provided project and administrative support in conducting focus groups for a study funded by the NSF Office of Cyberinfrastructure

**University of Michigan School of Education**

Michael T. Nettles, Principal Investigator

**Ann Arbor, MI***Research Associate*

1998 - 1999

Co-authored literature review relating to race and undergraduate retention and attrition. Assisted in construction of survey conducted at 30 colleges and universities.

**University of Michigan, Department of Psychology***Research Assistant***Ann Arbor, MI**

1997 – 1999

Managed cohorts of participants for a study of first year student experiences. Assisted Principal Investigator Russell Hathaway in qualitative data analysis: coded open-ended survey responses, constructed code sheets, entered data for statistical analysis.

**PUBLICATIONS & PRESENTATIONS**

Edwards, P.N., Jackson, S. J., **Chalmers, M. K.**, Bowker, G. C., Borgman, C. L., Ribes, D., Burton, M., & Calvert, S. (2013). "Knowledge Infrastructures: Intellectual Frameworks and Research Challenges." Report of a workshop sponsored by the National Science Foundation and the Sloan Foundation.

**Chalmers, M.** (2013). "What You Saw Is Not Necessarily What You Get: Google Books, Errors, & the Agency of Algorithms." Paper presented at the Midwest Interdisciplinary Graduate Student Conference, University of Wisconsin – Milwaukee Center for 21<sup>st</sup> Century Studies.

Acker, A., **Chalmers, M.**, Burton, M. Lodato, T. & G. Wythoff. (2013) "Learning with Polyphony: AmpDamp." iConference 2013 Proceedings (pp. 1090-1094). doi:10.9776/13525.

*Winner, iConference 2013 Social Media Expo*

Burton, M., **Chalmers, M.**, & A. Kriesberg. (2012) "Scholarly Matchmaking: Fostering a Cross Disciplinary Dialog between the Digital Humanities and the Information Sciences." Alternative Event presented at iConference 2012, Toronto, Canada.

**Chalmers, M.** (2002) *Sounds (Like) In-Between: Talking about Music, Movement and Mediation* (Unpublished masters thesis). Goldsmiths College, University of London, London, UK.

**Chalmers, M.**, Menon, S. & L. Murphy. (1999) "Cultural Capital at the Intersection of Race, Class and Gender: A Critical Review." Paper presented at the annual conference of the American Educational Studies Association.

## **FELLOWSHIPS, GRANTS, & SCHOLARSHIPS**

Conference Travel Grant, Microsoft Fuse Labs, iConference (2013)

Conference Travel Grant, Center for 21<sup>st</sup> Century Studies, University of Milwaukee-Wisconsin (2013)

Travel Grant, School of Information, University of Michigan (2012, 2013)

Digital Humanities Summer Institute Scholarship, University of Victoria (2012)

Rackham Research Grant, University of Michigan (2012)

Archival Education and Research Institute (AERI) Summer Institute Scholarship (2011, 2012)

Margaret Dow Towsley Scholar, Center for the Education of Women, University of Michigan (2010)

Merit Scholarship, School of Information, University of Michigan (2010-12)

## **SERVICE ACTIVITIES**

### **Science, Technology, & Society Speakers Colloquium**

Organizing Committee, 2012-2013; responsible for identifying, inviting, and hosting eight STS scholars during the academic year; arranging; arranging meetings with faculty and graduate students.

### **School of Information Service Day**

Planning Committee (2012)

Participant (2011, 2012, 2013)

### **School of Information Visiting Days**

PhD student panel volunteer (2011, 2012)

## **PROFESSIONAL AFFILIATIONS**

Society for the History of Technology

Society for Social Studies of Science

Association for Computers and the Humanities