Chris Bopp

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Education

Ph.D. in Technology, Media & Society (2020)
University of Colorado Boulder, College of Engineering & Applied Science

Dissertation Title: Doing "Good" with Scientific Data? Understanding and Working Around Data Doubles in Human Services Organizations

Committee: Drs. Amy Voida (Chair), Lehn Benjamin, Geoffrey Bowker, Leysia Palen, Danielle Varda

M.S. in Information Communication Technology for Development (2015)
University of Colorado Boulder, College of Engineering & Applied Science

B.S. in Information Technology, Information Security Concentration (2006)
Rochester Institute of Technology, College of Computing & Information Sciences

Professional Appointments

Assistant Professor (2020-2022)
St. Bonaventure University, Department of Computer Science

Research Areas

Human-Computer Interaction (HCI); Computer Supported Cooperative Work (CSCW); Philanthropic Informatics; Nonprofit Organizations; Critical Data Studies

Publications

Journal Articles

J3. **Bopp, C.** & Voida, A. (2020). Voices of the Social Sector: A Systematic Review of Stakeholder Voice in HCI Research with Nonprofit Organizations. *Transactions on Computer-Human Interaction*, 27(2), 9:1-9:26.

J2. **Bopp, C.**, Benjamin, L.M., & Voida, A. (2019). The Coerciveness of the Primary Key: Infrastructure Problems in Human Services Work. *Proceedings of the ACM: Human Computer Interaction*, 3(51). (Acceptance Rate: 31%, *Recognition for Contribution to Diversity and Inclusion*)

J1. Benjamin, L.M., Voida, A. & **Bopp, C.** (2018). Policy Fields, Data Systems, and the Performance of Nonprofit Human Service Organizations. *Human Service Organizations: Management, Leadership, & Governance*, 42(2), 185-204.

Archived & Peer-Reviewed Conference Papers

C4. **Bopp, C.**, Harmon, E., & Voida, A. (2017). Disempowered by Data: Nonprofits, Social Enterprises, and the Consequences of Data-Driven Work. In *Proceedings of the ACM Conference on Human Factors in Computing Systems* (pp. 3608-3619). ACM. (Acceptance Rate: 25%)

C3. Harmon, E., **Bopp, C.**, & Voida, A. (2017). The Design Fiction of Philanthropic IT: Stuck Between an Imperfect Present and an Impossible Future. In *Proceedings of the ACM Conference on Human Factors in Computing Systems* (pp. 7015-7028). ACM. (Acceptance Rate: 25%)

C2. Porter, E., **Bopp, C.**, Gerber, E. & Voida, A. (2017). Reappropriating Hackathons: The Production Work of the CHI4Good Day of Service. In *Proceedings of the ACM Conference on Human Factors in Computing Systems* (pp. 810-814). ACM. (Acceptance Rate: 25%)

C1. Bica, M., Palen, L., & **Bopp, C**. (2017). Visual Representations of Disaster. In *Proceedings of the ACM Conference on Computer Supported Cooperative Work and Social Computing* (pp. 1262-1276). ACM. (Acceptance Rate: 35%)

Research Experience

Research Assistant, Dr. Amy Voida, Department of Information Science, University of Colorado Boulder (August 2015–August 2016, May 2017–August 2018, May 2019–August 2019)

Research Assistant, Dr. Leysia Palen, Department of Computer Science, University of Colorado Boulder (May 2015–August 2015)

Professional Experience

Infrastructure & Security Engineer, AppliedTrust, Boulder, CO (June 2012–February 2014)

IT Manager, AIDS Foundation of Chicago, Chicago, IL (May 2010–May 2012)

Senior Information Security Consultant, Crowe Horwath, Chicago, IL (September 2006–May 2010)

Grants

St. Bonaventure University Arts & Sciences Stitt Innovation Grant (2021)
Collaborators: Dr. Megan Walsh, Brian Kellogg, Dr. Remah Alshinina

University of Colorado Graduate School Travel Grant (2019)

United Government of Graduate Students Travel Grant (2018)

ATLAS Innovative Interdisciplinary Projects Grant (2014)
Collaborators: Dr. Tom Yeh, Dr. Revi Sterling

Fellowships

Community-Based Research Graduate Fellow, University of Colorado (2016-2017)

Data Science for Social Good Fellow, University of Chicago (2014)

Conference Participation

Workshops Organized

Strohmayer, A., Marshall, M., Verma, N., **Bopp, C.**, McNaney, R., Voida, A., Kirk, D.S., and Bidwell, N.J. (2018). Untold Stories: Working with Third Sector Organisations. In *Extended Abstracts of the 2018 CHI Conference on Human Factors in Computing Systems*.

Refereed Workshop Papers

Bopp, C. (2019). Doing "Good" with Scientific Data? Understanding and Working Around Data Doubles in Human Services Organizations. In *Extended Abstracts of the 2019 CSCW Conference on Computer Supported Cooperative Work & Social Computing (Doctoral Consortium)*. Austin, TX.

Bopp, C. (2019). Doing "Good" with Scientific Data? Understanding and Working Around Data Doubles in Human Services Organizations. *Consortium for the Science of Sociotechnical Systems*. New Brunswick, NJ.

Posters

Bopp, C. (2018). Doing "Good" with Scientific Data? Understanding and Working Around Data Doubles in Human Services Organizations. *Human-Computer Interaction Consortium Annual Conference*. Watsonville, CA.

Bopp, C., Chen, X., McCreery, I., Shan, C., Kim, Y. (2014). Evaluating Pathways to Stable Housing. *2014 ACM SIGKDD Conference on Knowledge Discovery and Data Mining*. New York, NY.

Miller, A., Loewenstein, K., Soto, T., Komaie, G., Thomas, D., **Bopp, C.** (2012). Integrating Mental Health and Substance Abuse Services into a Systems-Level Partnership of Housing Providers: Lessons Learned from a Collaboration of Care within Homeless Services. *2012 SAMHSA's Homeless Programs Annual Grantee Conference*. Washington, DC.

Invited Talks

Bopp, C. (2022). Designing Data Systems for Nonprofit Organizations. *Blueprint Boulder (Boulder, CO)*.

Bopp, C. (2018). Measuring Impact/Nonprofit Evaluation. *Philanthropy in the 21st Century Course (Indiana University)*.

Campus Talks

Bopp, C. (2019). Big Data and Ethics. *Media Law and Ethics Course*.

Bopp, C. (2016, 2017, 2019). Data for Social Good. *Information and Communication Technology for Development Case Studies Course*.

Bopp, C. (2018). Nonprofits and Data. *Management of Nonprofit Organizations in Public Health Course*.

Bopp, C. (2014, 2015). Social Media for Social Good. *Introduction to Social Media Course*.

Bopp, C. (2015). Technology, Arts & Media Workshop. *ATLAS Institute Workshop Series*.

Bopp, C. (2015). The Present and Future Role of Information Systems in Monitoring & Evaluating Social Programs. *ATLAS Institute Expo.*

Bopp, C., Groeninger, L., Shrestha, M. (2014). Assessing Organizational and User Needs of an Offline Data Collection Tool for Field Use. *ATLAS Institute Expo.*

Teaching Experience

St. Bonaventure University

User Experience Design, Spring 2021, Spring 2022

Computer Networks, Fall 2020, Fall 2021

Principles of Programming Languages, Spring 2021, Spring 2022

Software Engineering, Fall 2020, Fall 2021

Technical Consulting in the Community, Fall 2021, Spring 2022

Introduction to Information Security, Fall 2020, Fall 2021

Introduction to Penetration Testing, Spring 2022

University of Colorado Boulder

Instructor of Record

Information Communication Technology for Development Laboratory
Fall 2015, Spring 2016, & Fall 2016, Graduate Project Course

Co-Instructor

Information Communication Technology for Development Practicum
Spring 2016, Graduate Project Course

Teaching Assistant

Information Science Module: Concepts & Creativity
Fall 2018 (Lead Lab Instructor), Fall 2019, Undergraduate Level Course

Introduction to Information Science: Designing Interactions
Spring 2019, Undergraduate Level Course

Human Computer Interaction: Survey and Synthesis
Fall 2014, Graduate Level Course

Human Centered Computing: Big Data
Fall 2014, Undergraduate Level Course

Social Computing
Spring 2014, Graduate and Undergraduate Level Course

Service

Committees

Curriculum Revision Committee, 2020 (Cybersecurity), 2021 (Computer Science), St. Bonaventure University

Cybersecurity Faculty Search Committee, 2020 (Associate Professor), 2021 (Assistant Professor), St. Bonaventure University

Faculty Senate Technology Committee 2021-22, St. Bonaventure University

Honors Committee, Harry Romesburg, St. Bonaventure University

Advising

Undergraduate Advisor, St. Bonaventure University (2020 - 2022)

Graduate Research Mentor Spring Break for Research, College of Engineering, University of Colorado Boulder (2016)

Organizations

Founding Faculty, Computing Seminar, St. Bonaventure University (2021)

Leadership Team, ATLAS Graduate Student Association, University of Colorado Boulder (2017, 2018)

Member, Student Affairs Institute Appeals Board, Rochester Institute of Technology (2005–2006)

Chairman, Computer Science House, Rochester Institute of Technology (2005)

Reviewing

ACM Conference on Computer Human Interaction (2017, 2018, 2019, 2022)

ACM Conference on Computer-Supported Cooperative Work and Social Computing (2018, 2019, 2022)

ACM Conference on Designing Interactive Systems (2018, 2019, 2020)

European Conference on Computer-Supported Cooperative Work (2020)

Student Volunteer

ACM Conference on Computer Human Interaction (2016, 2018)

ACM Conference on Computer Human Interaction Program Committee (2017)

American Evaluation Association Conference (2014)

Community Involvement/Outreach

Data Management and Analysis, access.mobile, Denver, CO (2014–2015)

Data Collection Technology, Re:Vision International, Denver, CO (2014–2015)

Media Coverage

Huffington Post Hackathons: 6 Alternatives Outcomes (2017)

Honors & Awards

Recognition for Contribution to Diversity and Inclusion, ACM Conference on Computer Supported Cooperative Work and Social Computing (2019) [Selected out of 64 Nominated Papers]

First Place, Interdisciplinary Tech Ethics Competition, University of Colorado Law School (2018)

Eagle Scout, Boy Scouts of America (2001)

Order of the Arrow, Boy Scouts of America (2000)

Professional Membership

Association for Computing Machinery, Member

This document was last updated on February 6, 2022.