

# Chris Bopp

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## Education

**Ph.D. Student**, University of Colorado Boulder (2015–Present)  
Technology, Media & Society

**M.S.**, University of Colorado Boulder (Graduated 2015)  
Information Communication Technology for Development

**B.S.**, Rochester Institute of Technology (Graduated 2006)  
Information Technology

## Research Interests

Human-Computer Interaction (HCI); Computer Supported Cooperative Work (CSCW); Philanthropic Informatics; Information Communication Technology for Development (ICTD); Big Data

## Publications

### Journal Articles

J1. Benjamin, L.M., Volda, A. & **Bopp, C.** (2017). Policy Fields, Data Systems, and the Performance of Nonprofit Human Service Organizations. *Human Service Organizations: Management, Leadership, & Governance*.

### Conference Proceedings

C4. **Bopp, C.**, Harmon, E., & Volda, A. (2017, May). 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.

C3. Harmon, E., **Bopp, C.**, & Volda, A. (2017, May). 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.

C2. Porter, E., **Bopp, C.**, Gerber, E. & Volda, A. (2017, May). 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.

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

## Research Experience

**Research Assistant**, University of Colorado Boulder (2015–Present)

Department of Information Science

Advisor: Dr. Amy Volda

Topic: Technology and data usage within non profit and other mission driven organizations

**Research Assistant**, University of Colorado Boulder (2014–2015)

Department of Computer Science

Advisor: Dr. Leysia Palen

Topic: Diffusion of information through image sharing during disasters

## Professional Experience

**Infrastructure Engineer**, AppliedTrust (2012–2014)

Worked with clients across diverse industries, primarily focusing on a large non profit hospital and a non profit public broadcasting organization. Projects included designing a role based identity and access management system, introducing new radiology information systems, and migrating to new enterprise Microsoft services.

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

Provided both operational and strategic direction for the non profit's technology usage. Special projects included the creation of HIV prevalence maps of Chicago neighborhoods, and implementation of systems to support remote working.

**Senior Information Security Consultant**, Crowe Horwath (2006–2010)

Led information security audits and penetration tests for clients within regulated industries including banking/finance, gaming, government, health care, manufacturing and public energy. Oversaw teams of 2-3 staff members and completed and submitted accurate reports under demanding deadlines.

**Computer/Network Technician**, The Network Support Company (2006)

Performed break/fix network and computer system troubleshooting for clients.

**Lead Desktop Support Representative**, Rochester Institute of Technology (2002–2006)

Performed break/fix computer system troubleshooting for university faculty and staff. Led the student team by providing technical expertise to newer employees and providing assistance in difficult situations.

## Consulting

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

Collaborated with the social enterprise's management team to develop data management and analysis strategies that integrated with the existing development life cycle.

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

Cooperatively developed a tablet-based data collection system to track and report the non profit's work.

## Teaching Experience

### Instructor

**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

**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

## Workshops

**Technology, Arts & Media Workshop**, University of Colorado Boulder (2015)  
Introduction to technology and data in social impact measurement.

## Selected Course Work

**Information Science Theories & Concepts** (2017)  
Explored the relationship between the individual and the aggregate within big data from relevant theoretical perspectives including social network theory.

**Politics of Data & Numbers** (2016)  
Interrogated research data by exploring algorithmic performativity and control based on relevant anthropology literature.

**Qualitative Methods** (2015)  
Conducted participant and non-participant observations of meetings where nonprofit staff discussed data work.

**Program Evaluation** (2015)  
Built a logic model and evaluation methodology for a social enterprise focused program that aimed to improve access to important products in the Global South.

**Social Entrepreneurship for Emerging Economies** (2013)  
Developed an in-depth case study of a local social entrepreneur in a small team and led the class in a lesson centered around a critical decision facing the entrepreneur.

## Presentations

### Invited Talks

**Social Media for Social Good**, University of Colorado Boulder (2014, 2015)  
Introduction to Social Media Course

## Posters

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

**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.

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

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 SAMHSAs Homeless Programs Annual Grantee Conference*. Washington, DC.

## Fellowships

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

The purpose of the fellowship is to train a generation of scholars in the practices and principles of Community-Based Research.

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

Analyzed data from City of Chicago's Homeless Management Information System (HMIS) to assist community leaders in understanding housing services trends.

## Grants

**ATLAS Innovative Interdisciplinary Projects Grant** (2014)

Collaborators: Dr. Tom Yeh, Dr. Revi Sterling

## Media Coverage

23 Mar 2017 **Huffington Post** Hackathons: 6 Alternatives Outcomes

## Service

**Leadership Team**, ATLAS Graduate Student Association (2017, 2018)

**Reviewer**, ACM Conference on Computer Human Interaction (2017, 2018)

**Student Volunteer**, ACM Conference on Computer Human Interaction (2016, 2017)

**Graduate Research Mentor, College of Engineering**, Spring Break for Research (2016)

**Student Volunteer**, American Evaluation Association Conference (2014)

**Member, Student Affairs Institute Appeals Board**, Rochester Institute of Technology (2005–2006)  
Nominated by faculty to serve on a four person committee to review appeals to student affairs decisions.

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

Elected position to oversee executive board and interface with university administrators.

## Honors & Awards

**Eagle Scout**, Boy Scouts of America (2001)

Highest advancement rank in the Boy Scouting program reached by only a small percentage of individuals.

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

Elected by peers into the national honor society of the Boy Scouting program.

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