

# COLIN BURKE

## CONTACT INFORMATION

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Department of Sociology  
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## EDUCATION

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2021 (expected)	Ph.D., Sociology – Science Studies	<i>University of California, San Diego</i>
2020	M.A., Sociology	<i>University of California, San Diego</i>
2015	M.S., Applied Criminology * With distinction	<i>Northern Arizona University</i>
2013	B.S., Sociology * <i>Magna cum laude</i>	<i>Northern Arizona University</i>
2013	B.S., Criminology & Criminal Justice * <i>Magna cum laude</i>	<i>Northern Arizona University</i>

## RESEARCH AND TEACHING INTERESTS

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Social networks, computational social science, surveillance, quantitative methods, big data, science and technology, organizations, privacy, law and society, criminology

## DISSERTATION

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“Watching the Watchers: Networks, Organizations, and Infrastructures of Surveillance.”  
Committee: Kevin Lewis (chair), Amy Binder, John Evans, Juan Pablo Pardo-Guerra, Kelly Gates

## PUBLICATIONS

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Burke, Colin. 2020. “Digital Sousveillance: A Network Analysis of the US Surveillant Assemblage.” *Surveillance and Society* 18(1): 74-89.

Burke, Colin and Lynn Jones. 2018. “Political Action Committees (influence on security, civil liberties).” *The SAGE Encyclopedia of Surveillance, Security, and Privacy*.

## MANUSCRIPTS UNDER REVIEW

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Burke, Colin and Cinnamon Bloss. 2020. "Social Media Surveillance in Schools: Re-thinking Public Health Interventions in the Digital Age." (Under review at *Journal of Medical Internet Research*.)

## MANUSCRIPTS IN PREPARATION

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Burke, Colin. "Big Brother and His Partners: A Study of Surveillance Organizations." (In preparation for submission to *Administrative Science Quarterly*.)

Burke, Colin. "Hiding in Plain Sight: Investigating the Relationship Between Surveillance Organizations and Infrastructures." (In preparation for submission to *Information, Communication & Society*)

## GRANTS AND AWARDS

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2020	Fellowship – Data Accountability and Governance, Institute for Practical Ethics, University of California, San Diego. (\$5,000)
2020	Dissertation Research Grant, Science Studies Program, University of California, San Diego. (\$5,000)
2019	Teaching Assistant Excellence Award, Department of Sociology, University of California, San Diego.
2019	Science Studies Research Grant, Science Studies Program, University of California, San Diego. (\$700)
2018	Summer Research Grant, for " <i>Watching the Watchers: Mapping the US Surveillant Assemblage</i> ," Department of Sociology, University of California, San Diego. (\$2,000)
2018	Science Studies Research Grant, Science Studies Program, University of California, San Diego. (\$700)
2015	Fellowship, Department of Sociology, University of California, San Diego. (\$20,000)
2014	"Investigating Difference" Professional Development Grant, Department of Criminology and Criminal Justice, Northern Arizona University. (\$1000)
2014	Outstanding Graduate Assistant, Department of Criminology and Criminal Justice, Northern Arizona University.

- 2013 Outstanding Senior of the Year Award, Department of Criminology and Criminal Justice, Northern Arizona University.
- 2013 Outstanding Senior of the Year Award, Department of Sociology, Northern Arizona University.
- 2013 Recognition of Outstanding Undergraduate Research, for “Global Security and Virtual Worlds: Cyber-Warfare,” Northern Arizona University.
- 2009 President’s Scholarship, Northern Arizona University. (\$25,000)

## **PRESENTATIONS**

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- 2020 “Digital Sousveillance: Open Data and Network Analysis for Organizational Transparency and Accountability,” Annual Meeting of the International School and Conference on Network Science (NetSci).
- 2020 “Computational Methods and Open Data in ‘Modern’ Social Science,” Quant CoLab, University of California, San Diego.
- 2020 “Always Watching: A Network Analysis of Surveillance Organizations,” Graduate Student Conference, University of California, San Diego.
- 2020 “Computational and Quantitative Methods”, Graduate Student Conference, University of California, San Diego.
- 2015 “The Rise of the United States as a ‘Surveillance Superpower’: Pre-Crime, New Assemblages of Power, and State-Corporate Crime,” Annual Meeting of the American Society of Criminology.
- 2015 “Examining Post-9/11 Surveillance: Pre-Crime, Risk and State-Corporate Crime,” Annual Meeting of the Society for the Study of Social Problems (session canceled).
- 2014 “Public/Private Surveillance: Reassembling Power, Reconsidering Justice,” Annual Meeting of the Western Society of Criminology.
- 2013 “Global Security and Virtual Worlds: Cyber-Warfare,” Undergraduate Research Symposium, Northern Arizona University.

## TEACHING EXPERIENCE

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### Instructor of Record

- Fall 2020 (upcoming) Network Data and Methods, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)
- Summer 2020 Network Data and Methods, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)
- Winter 2020 Network Data and Methods, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)

### Teaching Assistant

- Spring 2020 Introduction to Law & Society, with Dr. Jeffrey Tierschfield, Department of Sociology, University of California, San Diego (Undergraduate Lower-Division Lecture Course)
- Fall 2019 Crime and Society, with Professor Valerie Summers, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)
- Spring 2019 Criminal Punishment, with Professor Valerie Summers, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)
- Winter 2019 Sociology of Law, with Dr. Kwai Ng, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)
- Fall 2018 Crime and Society, with Professor Valerie Summers, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)
- Fall 2018 Introduction to Sociology, with Dr. John Skrentny, Department of Sociology, University of California, San Diego (Undergraduate Lower-Division Lecture Course)
- Spring 2018 The Holocaust, with Dr. Richard Biernacki, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)
- Winter 2018 Criminal Punishment, with Professor Valerie Summers, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)

Fall 2017	Introduction to Sociology, with Dr. John Skrentny, Department of Sociology, University of California, San Diego (Undergraduate Lower-Division Lecture Course)
Spring 2017	The Holocaust, with Dr. Richard Biernacki, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)
Winter 2017	Sociology of Law, with Dr. Kwai Ng, Department of Sociology, University of California, San Diego (Undergraduate Upper-Division Lecture Course)
Fall 2016	Contemporary Legal Issues, with Dr. Kwai Ng, Law and Society Program, University of California, San Diego (Undergraduate Upper-Division Lecture Course)

## RESEARCH EXPERIENCE

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### Analyst

May 2019-June 2020	Pro Football Focus <ul style="list-style-type: none"> <li>Gathered and analyzed advanced statistical data for National Football League and College Football clients.</li> <li>Reviewed colleagues' data collection and statistical analyses for accuracy.</li> </ul>
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### Graduate Student Researcher

June-August 2019	Dr. Cinnamon Bloss, Department of Public Health, University of California, San Diego <ul style="list-style-type: none"> <li>Served as Project Lead on major qualitative research project.</li> <li>Developed survey and interview instruments.</li> <li>Recruited and interviewed participants.</li> </ul>
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### Graduate Student Researcher

May-September 2018	Dr. Jacobo Myerston, Department of Literature, University of California, San Diego <ul style="list-style-type: none"> <li>Developed qualitative coding scheme for use by research team of faculty and graduate students.</li> <li>Conducted textual analysis of archival data using AtlasTi.</li> <li>Wrote code/scripts for data cleaning and network analysis in R.</li> </ul>
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### Intern, Science Studies

June-August 2018	Dr. Nick Spitzer, Department of Neurobiology, University of California, San Diego
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- Conducted qualitative interviews with lab personnel.
- Observed and participated in lab research and meetings.
- Conducted qualitative network analysis of lab.
- Assembled and presented a report of data/findings to Science Studies Research Collaboratory.

### **Graduate Research Assistant**

August 2013-May 2015     Department of Criminology and Criminal Justice, Northern Arizona University

- Maintained and organized project data for various faculty.
- Assisted with reviewing and gathering relevant literature.
- Assisted with IRB application materials and process.

## **COMPUTATIONAL SKILLS**

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**Programming Languages:** R, Python

**Computational Methods:** Social Network Analysis, Web Scraping/Data Mining, Machine Learning, Topic Modeling, Data Cleaning, Missing Data Imputation, Large Data Structures

## **SERVICE**

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2019	Undergrad Program Committee Representative, Department of Sociology, University of California, San Diego.
2018-2019	Co-Chair, Quantitative Sociology Working Group, Department of Sociology, University of California, San Diego.
2018	Co-Facilitator, Discussion on Quantitative Methods, Department of Sociology Methods Workshop, University of California, San Diego.
2018	Panelist, Field Exam Workshop, Department of Sociology, University of California, San Diego.
2015	President, Graduate Student Association, Department of Criminology and Criminal Justice, Northern Arizona University.
2014	Treasurer, Graduate Student Association, Department of Criminology and Criminal Justice, Northern Arizona University.

## **PROFESSIONAL AFFILIATIONS**

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American Sociological Association (ASA)  
 Network Science Society (NetSci)  
 Surveillance Studies Network (SSN)

The Society for the Study of Social Problems (SSSP)  
American Society of Criminology (ASC)  
Western Society of Criminology (WSC)