

Prepared Sep 13, 2022

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CONTACT INFORMATION

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EDUCATION

- 2010 Ph.D., University of Illinois at Urbana-Champaign
 APA Accredited Program in Counseling Psychology
- 2009-2010 APA Accredited Psychology Internship, University of Rochester Medical Center,
 Department of Psychiatry,
 Track: Child & Adolescent Psychology
- 2004 B.S., University of Illinois at Urbana-Champaign
 Major: Psychology

POSTGRADUATE TRAINING

- 2011-2012 Postdoctoral Fellow, IMPACT LGBT Health and Development Program, Department of Medical
 Social Sciences, Northwestern University
- 2010-2011 Postdoctoral Research Associate, IMPACT LGBT Health and Development Program, Department
 of Psychiatry, University of Illinois at Chicago

ADDITIONAL RESEARCH AND TRAINING APPOINTMENTS

- 2011 Selected Fellow, Institute on Systems Science and Health, National Institutes of Health/Centers
 for Disease Control and Prevention

ACADEMIC APPOINTMENTS

- 2017-P Assistant Professor (Tenure Track), Northwestern University
 Department of Medical Social Sciences. Secondary Appointment in the Department of
 Preventive Medicine (2018-P)
- 2012-2017 Research Assistant Professor, Northwestern University, Department of Medical Social Sciences

ADMINISTRATIVE APPOINTMENTS

- 2015-P Director, CONNECT Research Program on Complex Systems and Health Disparities,

Northwestern Institute for Sexual and Gender Minority Health and Wellbeing, Northwestern University.

2015-P Core Faculty, Northwestern Institute on Complex Systems (NICO) (2016 – P), Institute for Sexual and Gender Minority Health and Wellbeing (ISGMH) (2015 – P)

2014-P Faculty Associate, Institute for Policy Research (IPR) (2019 – P), Northwestern University; Third Coast Center for AIDS Research (2014 – P)

HONORS AND AWARDS

A. Elected Society Memberships

2018 Selected Inaugural Member of the New Voices in Sciences, Engineering, and Medicine Program, The National Academies of Sciences, Engineering and Medicine
2015 Elected Member, International Academy of Sex Researchers

B. International/National/Regional

2011 Conference Travel Award, Early Career Professional Network, Society for Prevention Research
2005 Outstanding Student Research Award, American Psychological Association, Division 16: School Psychology

C. University

2018 Excellence in Medical Student Teaching Award, Northwestern University Feinberg School of Medicine
2009 Campus Award for Excellence in Undergraduate Teaching, University of Illinois
2008 Graduate Student Conference Travel Grant, Department of Educational Psychology, University of Illinois at Urbana-Champaign
2008 College Award for Excellence in Undergraduate Teaching, College of Education, University of Illinois at Urbana-Champaign
2007 Nominated for the Outstanding Master's Student Graduate Medal, College of Education, University of Illinois at Urbana-Champaign
2005 Graduate Student Conference Travel Grant, Department of Educational Psychology, University of Illinois at Urbana-Champaign
2004-2008 Incomplete List of Teachers Ranked as Excellent by Students, The University of Illinois at Urbana-Champaign

INTERNAL INSTITUTIONAL SERVICE

A. Northwestern University

2021-P Co-Lead, "Community-Engaged Data Analytics" Research Networking Group, Data Science Initiative, Northwestern University.
2016-P Executive Committee, Northwestern Institute on Complex Systems (NICO), Northwestern University
2020 Member, Gender Equity Committee, Institute of Sexual and Gender Minority Health and

- Wellbeing (ISGMH), Northwestern University.
- 2020 Member, Racial Equity Committee, Institute of Sexual and Gender Minority Health and Wellbeing (ISGMH), Northwestern University
- 2020 Member, Associate Director Job Search Committee, Institute of Sexual and Gender Minority Health and Wellbeing (ISGMH), Northwestern University
- 2020 Member, “Chicago: Addressing Urban Challenges as a Community”, Research Networking Group, Data Science Initiative, Northwestern University.
- 2019 Co-Lead, “Resilient Chicago” Research Networking Group, Data Science Initiative, Northwestern University.
- 2019 Organizer, Full day workshop on *Bias in Big Data*, CONNECT Research Program, Northwestern University
- 2018-P Convener and Reviewer, Data Science & SGM Health Equity Paper Competition, CONNECT Research Program, Northwestern University
- 2018 Member, “Chicago” Research Networking Group, Data Science Initiative, Northwestern University.
- 2017 Co-Lead, “Computational Social Sciences Law, Crime, and Conflict” Research Networking Group, Data Science Initiative, Northwestern University.
- 2016 Member, Pilot Study Grant Review Panel, Third Coast Center for AIDS Research, Northwestern University

B. Feinberg School of Medicine

- 2022 Reviewer, Alliance for Research in Chicagoland Communities (ARCC) 2022 Community-Engaged Research Seed Grant Program.
- 2021 Reviewer, Alliance for Research in Chicagoland Communities (ARCC) 2021 Community-Engaged Research Seed Grant Program
- 2019-2021 Member, Admissions Committee, Medical Scientist Training Program (MSTP), Feinberg School of Medicine, Northwestern University

C. Department of Medical Social Sciences

- 2020-P Member, Inclusion, Diversity, Engagement, and Action (IDEA) Committee, Department of Medical Social Sciences
- 2011-2013 Member, Quality of Life Committee, Department of Medical Social Sciences

PROFESSIONAL SOCIETY MEMBERSHIP

A. Professional Society Memberships

- 2015-P International Academy of Sex Research (Elected Full Member 2015)
- 2012-P American Public Health Association
- 2010-P Society for Prevention Research
- 2008-P International Network for Social Network Analysis
- 2008-P Society for the Psychological Study of Social Issues
- 2006-P Society for Research on Adolescence
- 2004-2012 American Psychological Association, *Divisions 17 and 44*

B. Professional Society Service

- 2012, 2014 Reviewer, Biennial Meeting of the Society for Research on Adolescence
 2014 Member, Program Committee for the annual meeting of the National LGBTQ Health and Wellness Conference
 2012-P Reviewer, Annual Meeting of the National LGBTQ Health and Wellness Conference

EDITORSHIPS / EDITORIAL BOARD SERVICE

- 2017-2018 Guest Editor:
International Journal of Environmental Research and Public Health,
 Special Issue: *Breakthroughs in LGBT Health Research*
- 2005-P Ad hoc Reviewer:
American Journal of Public Health, Archives of Sexual Behavior, Developmental Psychology, Journal of Adolescent Health, Journal of Youth and Adolescence, Journal of Homosexuality, Journal of Sex Research, Journal of School Psychology, Networks, The Lancet Child & Adolescent Health, Pediatrics, PLoS ONE, Sex Roles, Social Networks, Sociology of Education

EXTERNAL PROFESSIONAL LEADERSHIP AND SERVICE

- 2019 Member, Ad Hoc Committee convened by the Board on Higher Education and Workforce (BHEW), Virtual Forum Around Institutions of Higher Education as Hubs of Knowledge in Responding to COVID-19. The National Academies of Sciences, Engineering, and Medicine.

WORKSHOP PROCEEDINGS REVIEW RESPONSIBILITIES

- 2020 Reviewer, National Academies of Sciences, Engineering, and Medicine: Resilience of the Research Enterprise During the COVID-19 Crisis.

GRANT REVIEW RESPONSIBILITIES

- 2020-2024 Appointed Study Section Member, NIH/CSR, Population and Public Health Approaches to HIV/AIDS (PPAH)
- 2022 Invited Reviewer (Declined Due to Conflict), NIDA/NIH, HEAL Initiative: Data and Methods to Address Urgent Needs to Stem the Opioid Epidemic
- 2019 Reviewer, NSF, Division of Information & Intelligent Systems, Smart and Connected Health (SCH): Connecting Data, People and Systems
- 2019 Reviewer, NIH/CSR Special Emphasis Panel: Modeling and Simulation to Optimize HIV Prevention Research (ZRG1 AARR-N (51) R)
- 2019 Ad Hoc Reviewer, NIH/CSR, Population and Public Health Approaches to HIV/AIDS (PPAH)
- 2019 Reviewer, Harry Frank Guggenheim Distinguished Scholar Awards
- 2018 Reviewer, NIH/CSR Fellowship Applications (ZRG1-F16-E20)
- 2016 Reviewer, The Netherlands Organization for Health Research and Development (ZonMw)

GRANTS AND SPONSORED AWARDS

A. Current

Agency: National Institute of Drug Abuse/NIH
ID#: Supplement to R34DA052216-02
Title: Enabling Cloud Deployment of a Network Data Capture Tool to Improve Partner Services
Principal Investigators: Michelle Birkett, Ph.D.
Role on Project: PI
Percent Effort: 5%
Direct costs per year: \$149,897
Total costs for project period: \$201,951
Project period: 2022-2023

Agency: Chicago Community Trust
ID#: NA
Title: RESEARCH AND EVALUATION PROPOSAL OF THE NORTH LAWNSDALE COLLABORATIVE
Principal Investigators: Andrew Papachristos, Ph.D.
Role on Project: Co-I
Percent Effort: 2%
Direct costs per year:
Total costs for project period: \$642,577
Project period: 2022-2025

Agency: National Institute on Drug Abuse/NIH
ID#: R01DA055502
Title: Leveraging Data Synthesis to Identify Optimal and Robust Strategies for HIV Elimination Among Substance-using MSM
Principal Investigator: Patrick Janulis, Ph.D.
Role on Project: Co-Investigator
Percent Effort: 10%
Direct costs per year: \$532,786
Total costs for project period: \$3,227,768
Project period: 2022-2027

Agency: Chicago CRED, Inc
ID#: NA
Title: Ongoing Research and Evaluation of Chicago CRED
Principal Investigators: Andrew Papachristos, Ph.D.
Role on Project: Co-I
Percent Effort: 1%
Direct costs per year:
Total costs for project period: \$1,037,105
Project period: 2022-2025

Agency: NSF
Title: HDR DSC: Collaborative Research: The Metropolitan Chicago Data Science Corps - Learning from Data to Support Communities
Principal Investigator: Suzan Van Der Lee, Ph.D., Michelle Birkett, Ph.D., Bennett Goldberg, Ph.D., Diane Schanzenbach, Ph.D.
Percent Effort: 4%

Direct costs per year: \$204,342
Total costs for project period: \$904,340
Project period: 2021-2024

Agency: National Institute on Alcohol Abuse and Alcoholism/NIH
ID#: R01AA029044
Title: Intersectional Approaches to Population-Level Health Research: Role of HIV Risk and Mental Health in Alcohol Use Disparities among Diverse Sexual Minority Youth
Principal Investigator: Gregory Phillips II, Ph.D.
Role on Project: Co-Investigator
Percent Effort: 15%
Direct costs per year: \$419,748
Total costs for project period: \$1,584,124
Project period: 2021-2026

Agency: National Institute on Minority Health and Health Disparities/NIH
ID#: R01MD014703
Title: Simulation Modeling to Understand and Address HIV Disparities in Racial, Ethnic, and Sexual Minority Populations
Principal Investigator: Michelle Birkett, Ph.D.
Percent Effort: 30%
Direct costs per year: \$304,083
Total costs for project period: \$1,882,282
Project period: 2020-2024

Agency: National Institute on Drug Abuse/NIH
ID#: R34DA052216
Title: Developing and Testing a Social Network Data Capture Tool to Improve Partner Services
Principal Investigator: Michelle Birkett, Ph.D. & Gregory Phillips II, Ph.D.
Percent Effort: 20%
Direct costs per year: \$175,000
Total costs for project period: \$716,083
Project period: 2020-2023

Agency: National Institute on Drug Abuse/NIH
ID#: UG1DA050069
Title: Geographic variation in Opioid Addiction Treatment (GATE) study: Multi-Level Factors Influencing MAT Use, Other Treatment, & Adverse Outcomes among Re-entering Rural and Urban Prisoners
Principal Investigator: Carrie Oser, Ph.D.
Percent Effort: 5%
Direct costs per year: \$410,072
Total costs for project period:
Project period: 2019-2024

Agency: National Institute on Drug Abuse/NIH
ID#: R01DA042711
Title: netCanvas: Development, Hardening, and Dissemination of a Software Suite for the Collection of Complex Network and Contextual Data in HIV and Drug Research

Principal Investigator: MPIs: Michelle Birkett, Ph.D. & Gregory Phillips II, Ph.D.

Percent Effort: 1%

Direct costs per year: \$364,751

Total costs for project period: \$3,012,132

Project period: 2016-2022 NCE

Agency: National Institute on Drug Abuse/NIH

ID#: 3UG1DA050066-02S1

Title: Community network driven COVID-19 testing among most vulnerable populations in the Central US

Principal Investigator: John Schneider, MD

Role on Project: Co-Investigator

Percent Effort: 4%

Direct costs per year: \$276,759 (subcontract amount)

Total costs for project period: \$3,680,904

Project period: 2020-2022

Agency: National Institute of Allergy and Infectious Diseases/NIH

ID#: R01AI138783

Title: EpiModel 2.0: Integrated Network Models for HIV/STI Prevention Science

Principal Investigator: Samuel Jenness

Role on Project: Co-Investigator

Percent Effort: 5%

Direct costs per year: \$604,803

Total costs for project period: \$446,043

Project period: 2018-2023

B. Past

Agency: Internal Seed Funds From NU's Weinberg College of Arts and Sciences

Title: Coping with COVID-19: Impact of Access to Nature on Health and Wellbeing

Principal Investigator: Teresa H Horton

Role on Project: Co-Investigator

Percent Effort: N/A

Total costs for project period: \$12,000

Project period: 2020-2021

Agency: National Institute on Aging/NIH

ID#: 5R01AG057739-04

Title: Leveraging Neuroimaging Biomarkers to Understand the Role of Social Networks in Alzheimer's Disease

Principal Investigator: Brea Perry, Ph.D., Liana G. Apostolova, Ph.D., & Andrew J. Saykin, Ph.D.

Role on project: Site PI/Co-Investigator

Percent Effort: 5%

Direct costs per year: \$450,913

Total costs for project period: \$3,549,504

Project period: 2018 - 2023

Agency: National Institute on Deafness and Other Communication Disorders/NIH

ID#: F31DC017631

Title: Underlying Psycholinguistic Skills in Late Talkers: Distinct Profiles and Differences from Typically Developing Children

Principal Investigator: Phillip Curtis

Role on Project: Co-Sponsor

Percent Effort: N/A

Project period: 2018-2021 NCE

Agency: National Institute on Minority Health Disparities/NIH

ID#: Supplement to UG3HD096920

Title: Intensive Combination Approach to Rollback the Epidemic (iCARE) in Nigerian Adolescents

Principal Investigator: Babafemi Taiwo & Rob Garofalo.

Supplement PIs: Ramon Lorenzo-Redondo & Gregory Phillips II

Role on Project: Co-Investigator

Percent Effort: 7%

Direct costs per year: \$253,434

Total costs for project period: \$376,400

Project period: 2020-2021

Agency: National Institute on Drug Abuse/NIH

ID#: P30DA027828

Title: Center for Prevention Implementation Methodology for Drug Abuse & HIV (Ce-PIM)

Principal Investigator: Hendricks Brown, Ph.D. & Brian Mustanski, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 10%

Total costs for project period: \$5,330,475

Project period: 2016-2021

Agency: National Institute on Drug Abuse/NIH

ID#: K08DA037825

Title: A Multilevel Network Model of Drug Use and HIV Racial Disparities in Men

Principal Investigator: Michelle Birkett, Ph.D.

Percent Effort: 90%

Direct costs per year: \$163,683

Total costs for project period: \$846,373

Project period: 2015-2021 NCE

Agency: National Library of Medicine/NIH

ID#: R21LM012578

Title: Implementing and Evaluating a Machine Learning Tool for Entity Resolution in Drug Use and Sexual Contact Networks of YMSM

Principal Investigator: Patrick Janulis, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 15%

Direct costs per year: \$116,780

Total costs for project period: \$405,579

Project period: 2017-2020 NCE

Agency: National Institute on Drug Abuse/NIH

ID#: 1F31DA040524

Title: Race-related Social Contextual Factors, Substance Use, and HIV

Principal Investigator: Elizabeth McConnell

Role on Project: Primary Faculty Sponsor

Percent Effort: N/A

Total costs for project period: \$130,728

Project period: 2016-2019

Agency: National Institute on Drug Abuse/NIH

ID#: U01DA036939

Title: Multilevel Influences on HIV and Substance use in a YMSM Cohort.

Principal Investigator: Brian Mustanski, Ph.D.

Role on Project: Co-Investigator and Co-Lead of the Network Science Core

Percent Effort: 40%

Direct costs per year: \$1,874,985

Total costs for project period: \$9,703,188

Project period: 2014-2019

Agency: National Institute on Drug Abuse/NIH

ID#: R03DA033906

Title: The Development and Analysis of a Macro-Network of Vulnerable Young Men

Principal Investigator: Michelle Birkett, Ph.D.

Percent Effort: 50%

Direct costs per year: \$96,000

Total costs for project period: \$302,820

Project period: 2012-2015 NCE

Agency: Sexualities Project at Northwestern (Faculty Research Funding)

Title: Understanding the social context of online relationships for LGBT youth, and implications for intervention.

Principal Investigator: Michelle Birkett, Ph.D.

Percent Effort: 5%

Total costs for project period: \$50,000

Project period: 2013-2014

Agency: National Institute on Drug Abuse/NIH

ID#: Supplement to P30DA027828

Title: Center for Prevention Implementation Methods for Drug Abuse & Sex Risk Behavior

Principal Investigator: Hendricks Brown, Ph.D.

Role on Project: Co-Investigator

Percent Effort: 40%

Direct costs per year: \$94,078

Project period: 2015-2016

Agency: National Institute of Allergy and Infectious Diseases/NIH

ID#: Center for AIDS Research Supplement to P30AI117943

Title: Improving Surveillance of HIV among YMSM to Target Microepidemics

Principal Investigator: Gregory Phillips II, Ph.D.

Role on Project: Mentor

Percent Effort: N/A
Direct costs per year: \$152,239
Project period: 2015-2016

Agency: National Institute on Drug Abuse/NIH (Clinical Loan Repayment Program)
ID#: N/A (Prior to the L30 ID# System)
Title: Developing a Macro-network of Young Men Who Have Sex With Men
Principal Investigator: Michelle Birkett, Ph.D.
Direct Costs: \$87,500
Project period: 09/01/2012-08/31/2015 (initial 2-year award and 1 competitive renewal)

Agency: National Cancer Institute/NIH
ID#: P20CA165592
Title: NU: NEIGHBORS: A Social Science Partnership to Reduce Cancer Disparities
Principal Investigator: David Cella, Ph.D. & Melissa Simon, MD
Role on Project: Co-Investigator on Pilot Study led by Dr. Hitsman
Percent Effort: 10%
Project period: 2015

Agency: National Institute on Drug Abuse/NIH
ID#: R01DA025548-02
Title: Syndemic Development and HIV risk Among Vulnerable Young Men
Principal Investigator: Brian Mustanski & Rob Garofalo
Role on Project: Post Doc
Percent Effort: 50%
Direct costs per year: \$566,914
Total costs for project period: \$821,763
Project period: 2010-2015

Agency: Northwestern University Alliance for Research in Chicagoland Communities Seed Grant Award
Title: Evaluating Community-Level HIV Prevention Using a Social Networks Approach
Principal Investigator: George Greene, Ph.D. & Dianna Manjarrez, MPH
Role on Project: Co-Investigator
Percent Effort: 5%
Direct costs per year: \$50,000
Total costs for project period: \$50,000
Project period: 2013-2014

Agency: National Institute of Child Health and Human Development/NIH
ID#: R21HD051178
Title: Developmental Infrastructure for Population Research
Principal Investigator: Judith Bradford, Ph.D.
Role on Project: Statistical Consultant
Percent Effort: 50%
Total costs for project period: \$1,232,278
Project period: 2011-2012

Agency: National Institute on Drug Abuse/NIH

ID#: 3R01DA025548-02S1

Title: Supplement to Syndemic Development and HIV Risk Among Vulnerable Young Men

Principal Investigator: Brian Mustanski & Rob Garofalo

Role on Project: Post Doc

Percent Effort: 50%

Total costs for project period: \$216,674

Project period: 2010-2012

INVITED TALKS

A. International/National

- 2022 Algorithmic Bias. Invited Speaker. Human + AI Conference. University of Chicago.
- 2022 HIV and the Modeling of Social Networks. Invited Seminar. Joint invitation by Penn Center for AIDS Research (CFAR) and the Penn School of Nursing. University of Pennsylvania.
- 2022 Racial/ethnic differences in dating/hookup app use. Invited Presentation at the Technology and Engagement Research Interest Group. Center for AIDS Research. University of North Carolina.
- 2022 The Social Component of Diabetes Health Disparities. Invited attendee at two-day NIDDK/NIH Workshop on New Directions in Analyses and Interventions Through Social Network Structures. National Institutes of Health.
- 2022 Introduction to Network Canvas. Invited Workshop. NetSCI, Rutgers University.
- 2022 Complex Systems and Health Disparities. Invited Lecture. NetSCI, Rutgers University.
- 2021 Equity in small area and small population data collection and practice. Invited Speaker. 2021 Promise Neighborhoods National Network Conference, US Department of Education and Urban Institute.
- 2021 Conducting Personal Networks Research in Network Canvas. Invited Workshop Presenter. Networks 2021: A Joint Sunbelt and NetSci Conference. Indiana University.
- 2021 Network Data Collection. Invited Lecture. NIH-funded Network Analysis and Health Scholars Training, Duke University.
- 2021 Introduction to Network Canvas. Invited Lecture. Center for Applied Network Analysis (CANA), University of Southern California
- 2020 How Can Researchers Help the National Response Efforts? Organizer and Moderator. The National Academies of Sciences, Engineering, and Medicine Forum on Postsecondary Response to COVID-19.
- 2019 WTG Knowledge Networks and the Public Policymaking Process Workshop. Invited Speaker. University of Minnesota – Twin Cities.
- 2019 STEM Workforce Diversity: Where Do We Go From Here? Organizer. New Voices in Sciences, Engineering, and Medicine. National Academy of Sciences.
- 2019 Network Data Collection. Invited Instructor. Network Analysis and Health Scholars Training, Duke University.
- 2018 Envisioning Research for All of Us: Why We Need LGBTQ Representation in Data. Invited Speaker for National Launch Event. *All of Us* Research Program.
- 2017 Network Canvas for Data Collection. Invited Seminar. NIGMS/NIH.
- 2017 Network Data Collection. Invited Lecture. Network Analysis and Health Scholars Training, Duke University.
- 2017 Using a Systems Perspective for Understanding the Social Drivers of HIV. Invited Colloquia, Department of Psychology, Tulane University.
- 2016 RAND Personal Network Preconference. Invited attendance at an INSNA Preconference Meeting on Personal Network Data Capture and Analysis for Health Researchers.
- 2010 Peer-group predictors of homophobic harassment among middle school students.

Invited Lecture. College of Education, University of San Francisco.

B. Regional

- 2020 Using Social Data to Understand How Stigma Drives HIV. Invited Talk. Social and Personality Psychology Brownbag. Michigan State University.
- 2016 Social Networks and HIV. Lecture given to the Public and Community Health Program at the Center for AIDS Intervention Research, Medical College of Wisconsin.

C. Local

- 2021 Network Canvas: A Tool for Capturing Complex Data. Invited Talk. Institute for Policy Research Colloquium Series. Northwestern University.
- 2021 Growing with NU. Invited Panelist. Department of Medical Social Sciences. Northwestern University.
- 2020 Bias in Big Data – What do we even do? Invited Speaker. Northwestern Institute on Complex Systems. Northwestern University.
- 2020 Social Science and Bias in Big Data. Invited Speaker. Brownbag of Personality and Health Psychology. Northwestern University.
- 2019 Bias in Big Data Workshop. Workshop Organizer and Speaker. Northwestern University.
- 2018 Understanding the Social and Systemic Drivers of HIV. Invited Lecture. Clinical and Community Culture of Research Excellence (CORE) Committee. DePaul University.
- 2018 Using Social Data to Understand HIV. Invited Talk. Computational Research Day. Northwestern University.
- 2018 Using Network Data to Understand the Social and Systemic Drivers of HIV. Invited Lecture. Personality, Development, and Health Psychology Brown Bag Series. Northwestern University.
- 2018 Using Network Data to Understand the Social and Systemic Drivers of HIV. Invited Lecture. Data Science Initiative. Northwestern University.
- 2017 Network Canvas: A Software Suite for the Collection of Complex Network and Contextual Data in HIV and Drug Research. Invited Lecture. Annual Third Coast CFAR Symposium, Northwestern University.
- 2017 Social Network Analysis. Lecture given to Methods in Health and Biomedical Informatics (HBMI) III, Northwestern University.
- 2017 Bias in Big Data – How information systems can perpetuate inequality. Moderated presentation for the One Book One Northwestern Program, Northwestern University.
- 2016 Using social data to understand HIV. Lecture given to the Program for Experimental and Theoretical Modeling, Loyola University Chicago Stritch School of Medicine.
- 2015 Sexual Networks of Young Men who have Sex with Men. Lecture given to the Psychology Intern Research Seminar, Northwestern University.
- 2015 LGBT Health. Lecture given at Medical Student Research Seminar, Loyola University.
- 2015 Sexual Networks, HIV, and YMSM. Lecture given at Medical Student Research Seminar, Northwestern University.
- 2014 HIV Transmission and Prevention. Graduate Course in Epidemiology, Northwestern University.
- 2014 Sexual Networks of Young Men who have Sex with Men. Lecture given to the Psychology Intern Research Seminar, Northwestern University.
- 2014 Utilizing Networks to Understand the Social Contextual Drivers of Health with Diverse Youth. Northwestern Institute on Complex Systems (NICO), Northwestern University.

2014 Reporting on Mental Health Issues. Undergraduate journalism course in Advanced Reporting, Loyola University.

PUBLICATIONS AND SCHOLARLY WORKS

A. Journal Articles

*Indicates student, post doc, or research mentee is first author

My research team follows the medical model of publishing where the last author is the senior or supervising author of the manuscript.

1. Espelage, D.L., Aragon, S.R., **Birkett, M.**, Koenig, B.W. (2008). Homophobic teasing, psychological outcomes, and sexual orientation among high school students: What influence do parents and schools have? *School Psychology Review*, 37 (2), 202-216.
2. **Birkett, M.**, Espelage, D.L., Koenig, B.W. (2009). LGB and questioning students in schools: The moderating effects of homophobic bullying and school climate on negative outcomes. *Journal of Youth and Adolescence*, 38 (7), 989-1000. doi: 10.1007/s10964-008-9389-1. PMID:PMC6322390
3. *Beidas, R.S., **Birkett, M.**, Newcomb, M.E., Mustanski, B. (2012). Do psychiatric disorders moderate the relationship between psychological distress and sexual risk-taking behaviors in young men who have sex with men? A longitudinal perspective. *AIDS Patient Care and STDS*, 26 (6), 366-374.
4. Mustanski, B., Johnson, A., Garofalo, R., Ryan, D., **Birkett, M.** (2013). Perceived likelihood of using HIV pre-exposure prophylaxis medications among young men who have sex with men. *AIDS and Behavior*, 17 (6), 2173-2179. PMID: PMC3582780.
5. Austin, S.B, Nelson, L.A., **Birkett, M.**, Calzo, J.P., Everett, B. (2013). Eating disorder symptoms and obesity at the intersections of gender, ethnicity, and sexual orientation in US high school students. *American Journal of Public Health*, e16-e22. PMID: PMC3558764.
6. Talley, A., Hughes, T., Aranda, F., **Birkett, M.**, Marshal, M. (2014). Exploring alcohol-use behaviors among heterosexual and sexual minority adolescents: Intersections with sex, age, and race/ethnicity. *American Journal of Public Health*, 104 (2), 295-303. PMID: PMC3935676.
7. Russell, S.T., Everett, B., Rosario, M., **Birkett, M.** (2014). Indicators of victimization and sexual orientation among adolescents: Analyses from Youth Risk Behavior Surveys. *American Journal of Public Health*, 104(2), 255-261. PMID: PMC3935664.
8. Rosario, M., Corliss, H.L., Everett, B., Russell, S., Buchting, F., **Birkett, M.** (2014). Mediation by peer violence victimization of sexual orientation disparities in cancer-related tobacco, alcohol, and sexual risk behaviors: Pooled Youth Risk Behavior Surveys. *American Journal of Public Health*, 104(6), 1113-1123. PMID: PMC4061994.
9. Rosario, M., Corliss, H.L., Everett, B., Reisner, S.L., Austin, S.B., Buchting, F., **Birkett, M.** (2014). Sexual orientation disparities in cancer-related risk behaviors of tobacco, alcohol, sexual behaviors, and diet and physical activity: Pooled Youth Risk Behavior Surveys. *American Journal of Public Health*, 104(2),

245-254. PMID: PMC3935697.

10. Newcomb, M.E., Heinz, A.J., **Birkett, M.**, Mustanski, B. (2014). A longitudinal examination of risk and protective factors for cigarette smoking among lesbian, gay, bisexual, and transgender youth. *Journal of Adolescent Health, 54*(5), 558-564. PMID: PMC3999176.
11. Newcomb, M.E, **Birkett, M.**, Corliss, H.L., Mustanski, B., (2014). Sexual orientation, gender, and racial differences in illicit drug use in a sample of US high school students. *American Journal of Public Health, 104*(2), 304-310. PMID: PMC3935691.
12. Mustanski, B., Van Wagenen, A., **Birkett, M.**, Eyster, S., Corliss, H. (2014). Identifying sexual orientation health disparities in adolescents: Analysis of pooled data from the Youth Risk Behavior Survey, 2005 and 2007. *American Journal of Public Health, 104*(2), 211-217. PMID: PMC3935670.
13. Mustanski, B., **Birkett, M.**, Greene, G.J., Rosario, M., Bostwick, W., Everett, B. (2014). The association between sexual orientation identity and behavior across race/ethnicity, sex, and age in a probability sample of high school students. *American Journal of Public Health, 104*(2), 237-244. PMID: PMC3935715.
14. Mustanski, B., **Birkett, M.**, Greene, G., Hatzenbuehler, M.L., Newcomb, M.E. (2014). Envisioning an America without sexual orientation inequities in adolescent health. *American Journal of Public Health, 104*(2), 218-225. PMID: PMC3935693.
15. Hatzenbuehler, M.L., **Birkett, M.**, Van Wagenen, A.V., Meyer, I.H. (2014). Protective school climates and reduced risk for suicide ideation in sexual minority youths. *American Journal of Public Health, 104*(2), 279-286. PMID: PMC3935661.
16. Corliss, H.L., Rosario, M., **Birkett, M.**, Newcomb, M.E., Buchting, F., Matthews, A. (2014). Sexual orientation disparities in adolescent cigarette smoking: intersections with race/ethnicity, gender, and age. *American Journal of Public Health, 104*(6), 1137-1147. PMID: PMC4062037.
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64. Chandra, C., Morris, M., Van Meter, C., Goodreau, S. M., Sanchez, T., Janulis, P., **Birkett, M.**, & Jenness, S. M. (In Press). Comparing Sexual Network Mean Active Degree Measurement Metrics among Men who have Sex with Men. *Sexually Transmitted Diseases*.

B. Chapters

1. Poteat, V. P., & **Birkett, M.** (2016). Sexual prejudice: Advances in conceptual and empirical methods. In C. Sibley & F. Barlow (Eds.), *Cambridge handbook on the psychology of prejudice*. Cambridge University Press. doi: 10.1017/9781316161579.016
2. *Hatchel, T., Subrahmanyam, K., & **Birkett, M.** (2016). The digital development of LGBTQ Youth. In M. Wright (Ed.), *Identity, sexuality, and relationships among emerging adults in the digital age*. doi: 10.4018/978-1-5225-1856-3.cb005
3. *McConnell, E.A. & **Birkett, M.** (2016). Homophobic Bullying. In T.K. Shackelford & V.A. Weekes Shackelford (Eds.) *Encyclopedia of evolutionary psychological science*. Springer Press. doi:10.1007/978-3-319-16999-6_2493-1
4. Janulis, P. & **Birkett, M.** (2021). The Impact of Urban Social Life on Sexual Networks and Health. In Zach Neal & Céline Rozenblat (Eds.) *Handbook on Cities and Networks*.

C. Software / Code

1. Network Canvas Interviewer. 2016. www.doi.org/10.5281/zenodo.6026548
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D. Oral Abstracts / Presentations

1. Espelage, D.L., Mebane, S.E., **Birkett, M.**, Koenig, B.W., & Glomb, S. (2005, August). Homophobia and psychological outcomes: How can parents and schools help? In D. L. Espelage (Chair), *Sexual orientation, homophobia, and psychological adjustment during adolescence*. Symposium conducted at the American Psychological Association Annual Convention, Washington, DC.
2. **Birkett, M.**, Poteat, V.P., & Espelage, D.L. (2007, August). *The effects of school-level LGBT harassment on truancy*. Symposium presented at the American Psychological Association Annual Convention, San Francisco, CA.
3. Espelage, D.L., Green, H., Wasserman, S. & **Birkett, M.** (2008, August). Friendship patterns and bullying behaviors among youth. In D. L. Espelage (Chair), *Putting "peer" back into school-based bullying/victimization prevention efforts*. Symposium presented at the American Psychological Association Annual Convention, Boston, MA.
4. **Birkett, M.** & Espelage, D.L. (2009, August). *Peer-influenced homophobia: Masculinity attitudes and homophobic behaviors in middle school*. Paper presented at the American Psychological Association Annual Convention, Toronto, ON.
5. **Birkett, M.** & Espelage, D.L. (2010, March). Peer groups, masculinity attitudes, and the formation of homophobic behavior. In G.J. Veed (Chair), *Novel directions in peer network research*. Symposium presented at the Meeting of the Society for Research in Adolescence, Philadelphia, PA.

6. **Birkett, M.**, Petrova, M., Schmeelk-Cone, K., & Wyman, P.A. (2011, June). Friendship density and student exposure to a school-based suicide prevention program. In P.A. Wyman (Chair), *Social network research as a tool for prevention*. Symposium presented at the Annual Meeting of the Society of Prevention Research, Washington, DC.
7. Mustanski, B., **Birkett, M.**, Garofalo, R. (2012, March). The use of growth mixture modeling to examine trajectories of clustered psychosocial difficulties among diverse adolescents. In E. Sterrett (Chair), *The use of growth mixture modeling to examine trajectories of clustered psychosocial difficulties among diverse adolescents*. Symposium presented at the 2012 meeting of the Society for Research in Adolescence, Vancouver, CA.
8. Kuhns, L., **Birkett, M.**, Muth, S., Mustanski, B., Johnson, A., & Ortiz Estes, I. (2012, March). *Modifying and adapting participant-aided sociograms for a socio-sexual network study of YMSM*. Paper presented at the Annual Meeting of the International Network for Social Network Analysis, Redondo Beach, CA.
9. **Birkett, M.**, Kuhns, L., Mustanski, B., & Muth, S. (2012, March). *The creation and analysis of a macro-network of young men who have sex with men*. Paper presented at the Annual Meeting of the International Network for Social Network Analysis, Redondo Beach, CA.
10. **Birkett, M.**, Mustanski, B. S., Kuhns, L. M., & Muth, S.Q. (2012, June). *Understanding a macro-network of young men who have sex with men*. Paper presented at the International School and Conference on Network Science, Evanston, IL.
11. Poteat, V.P., DiGiovanni, C., Mereish, E., **Birkett, M.** (2012, August). *Is prejudice harmful to relational health? Adolescent homophobic attitudes, behaviors, and friendship quality*. In V.P. Poteat (Chair), Symposium presented at the Annual Meeting of the American Psychological Association, Orlando, FL.
12. Garcia, S., **Birkett, M.**, Mustanski, B. (2012, August). *Elucidating sexual prejudice: Understanding the impact of sexual-orientation victimization and social support on urban LGBT youth*. In V.P. Poteat (Chair), Symposium presented at the Annual Meeting of the American Psychological Association, Orlando, FL.
13. Corliss, H. L., **Birkett, M.**, Newcomb, M. E., Rosario, M., Matthews, A. Buchting, F., (2012, October). *Adolescent sexual orientation and smoking: Intersections with age, race/ethnicity, and gender*. In **M. Birkett** (Chair), Panel presented at the American Public Health Association, San Francisco, CA.
14. Newcomb, M., **Birkett, M.**, Corliss, H.L., Mustanski, B. (2012, October). *Sexual orientation disparities in substance use: Interactions with age, race/ethnicity, and gender across multiple substances*. In **M. Birkett** (Chair), Panel presented at the American Public Health Association, San Francisco, CA.
15. Rosario, M., Corliss, H.L., Reisner, S.L, Everett, B., Buchting, F., Austin, S.B., **Birkett, M.** (2012, October) *Disparities in cancer-related risk behaviors by sexual orientation in adolescents: Youth Risk Behavior Surveillance System*. In **M. Birkett** (Chair), Panel presented at the American Public Health Association, San Francisco, CA.
16. **Birkett, M.**, Mustanski, B., Bostwick, W., Rosario, M., Garofalo, R. Greene, G., Schnarrs, P. (2012, October). *Sexual identity versus sexual behavior in youth: Using the YRBSS to determine prevalence and intersection across demographics*. In **M. Birkett** (Chair), Panel presented at the American Public Health Association, San Francisco, CA.

17. *Clifford, A. & **Birkett, M.**, (2013, April). *Intersections of school-based violence & victimization for sexual minority youth*. Paper presented at the Symposium on Exploration in Justice: Gender, Sexuality and Violence, Albany, NY.
18. **Birkett, M.**, Kuhns, L., Muth, S., Latkin, C., Garofalo, R., Mustanski, B. (2013, May). *Exploring sexual networks and HIV-related risk behaviors in young men who have sex with men in Chicago*. Paper presented at the 2013 Annual Meeting of the International Network for Social Network Analysis, Hamburg, Germany.
19. **Birkett, M.**, Kuhns, L., Muth, S., Latkin, C., Mustanski, B. (2013, May). *The social networks of young men who have sex with men: Describing important relationships and their impact on HIV risk behaviors*. Paper presented at the Society for Prevention Research 2013 Annual Meeting, San Francisco, CA.
20. **Birkett, M.**, Mustanski, B., Kuhns, L. (2013, October). *Social and sexual network differences among gay- and bisexually-identified young men*. Presentation as part of Symposium I: Sex Research in Chicago, at the 39th Annual Conference of the International Academy of Sex Research, Chicago, IL
21. Mustanski, B., **Birkett, M.**, Kuhns, L., Muth, S., Latkin, C. (2013, October). *Neighborhood and network influences on HIV and STIs among young men who have sex with men*. Paper presented at the American Public Health Association, Boston, MA.
22. **Birkett, M.**, Kuhns, L., Muth, S., Latkin, C., Mustanski, B. (2013, October). *A network analysis of YMSM: Understanding how dyadic and network characteristics of sexual and romantic partners impact sexual health*. Paper presented at the American Public Health Association, Boston, MA.
23. *McConnell, E. A., **Birkett, M.**, & Mustanski, B. (2013, November). *Social support and well-being among LGBT youth*. Talk given at the Chicago LGBT Health & Wellness Conference, Chicago, IL.
24. Sterrett, E., **Birkett, M.**, Mustanski, B. (2013, November). *Non-parental adult involvement in the social networks of young men who have sex with men*. Talk given at the Chicago LGBT Health & Wellness Conference, Chicago, IL.
25. **Birkett, M.** (2014, February) *Network characteristics of YMSM and sexual health*. Talk given at the Contemporary Issues in Gay Men's Health Research Conference, San Juan, Puerto Rico.
26. **Birkett, M.**, Kuhns, L., Mustanski, B. (2014, February). *Consolidating egocentric networks of young men in Chicago*. Talk presented at the 2014 Annual Meeting of the International Network for Social Network Analysis, St. Pete Beach, FL.
27. **Birkett, M.**, McConnell, E. A., Mustanski, B. (2014, March.) Online social networks and support: How LGBT youth use Facebook. In P. Poteat (Chair) & S. Horn (Discussant), *Individual and social context factors that promote or inhibit resilience among lesbian, gay, bisexual, and transgender youth*. Symposium presented at the Society of Research on Adolescence, Austin, TX.
28. Wyman, P., Schmeelk-Cone, K., **Birkett, M.** (2014, April). *Selecting participants in a peer-led suicide prevention program: Does the diversity of adolescents increase impact?* Paper presented at the Annual Conference of the American Association of Suicidology, Los Angeles, CA.

29. **Birkett, M.**, McConnell, E. A., & Mustanski, B. (2014, June). Online networks and support: How do LGBT youth use Facebook? In R. L. Suffrin (Chair) & E. M. Sterrett (Discussant), *Social support and well-being: The power of community*. Symposium presented at the Society for the Psychological Study of Social Issues Biennial, Portland, OR.
30. *McConnell, E.A., **Birkett, M.**, & Mustanski, B. (2014, June). Social support clusters and mental health outcomes for LGBT youth. In R.L. Suffrin (Chair) & E.M. Sterrett (Discussant), *Social support and well-being: The power of community*. Symposium presented at the Society for the Psychological of Social Issues Biennial, Portland, OR.
31. **Birkett, M.**, McConnell, E.A., Mustanski, B. (2014, October). *The online social contexts of LGBT youth*. Paper presented at the Chicago LGBTQ Health & Wellness Conference, Chicago, IL.
32. *Beck, E., **Birkett, M.**, Armbruster, B., Mustanski, B. (2014, October). *Simulation and discussion of new testing strategies for HIV and STIs among young men who have sex with men*. Paper presented at the Chicago LGBTQ Health & Wellness Conference, Chicago, IL.
33. *Rood, B., **Birkett, M.**, Mustanski, B. (2014, October). *An evaluation of online social networks in promoting substance use: The role of social connection, and online substance use norms and content*. Paper presented at the Chicago LGBTQ Health & Wellness Conference, Chicago, IL.
34. D'Aquila, R., Newcomb, M., **Birkett, M.**, & Mustanski, B. (2015, March). *Condoms, substance use and sexual networks in a US observational cohort of young men who have sex with men*. Paper presented at the 19th International Workshop on HIV Observational Databases, Catania, Sicily.
35. **Birkett, M.** (2015, April). (Panelist). In J. Robinson-Cimpian (Chair), *Towards social justice for LGBTQ students: A multi-method discussion about pressing issues*. Panel presented at the American Educational Research Association Annual Meeting, Chicago, IL.
36. **Birkett, M.**, Phillips II, G., Melville, J., Janulis, P., Mustanski, B., Contractor, N., Hogan, B. (2015, May) *netCanvas: An engaging tool for capturing complex network data for use in clinical research*. Paper presented at 2015 Computational Social Science Summit, Evanston, IL.
37. *McConnell, E. A., **Birkett, M.**, & Mustanski, B. (2015, June). Multilevel, mixed methods approaches to network analysis with LGBT youth. In N. R. Todd (Chair) & J. W. Neal(Discussant), *Applications of social network analysis for community psychology researchand practice*. Symposium presented at the Society for Community Research and Action Biennial, Lowell, MA.
38. *McConnell, E. A.,Clifford, A., **Birkett, M.**, Shattell, M., & Mustanski, B. (2015, June). Innovative approaches to HIV prevention with YMSM. In C. Steltenpohl (Chair) & M. Brown (Discussant), *Innovation in prevention: How to reach unique populations*. Symposium presented at the Society for Community Research and Action Biennial, Lowell, MA.
39. Melville, J., Hogan, B., **Birkett, M.**, Phillips, G., Contractor, N., & Mustanski, B. (2015, June). *netCanvas: Designing a research instrument for greater reliability and user experience in personal network data capture*. Paper presented at the 35th International Sunbelt Social Network Conference, Brighton, UK.

40. *Janulis, P., **Birkett, M.**, Phillips, G., Melville, J., Hogan, B., Contractor, N., & Mustanski, B. (2015, June). *Multiplexity in social, sex, and drug networks among young men who have sex with men*. Paper presented at the 35th International Sunbelt Social Network Conference, Brighton, UK.
41. Phillips, G., **Birkett, M.**, Janulis, P., Hogan, B., Melville, J., Contractor, N., & Mustanski, B. (2015, June). *Preliminary results of a network study of young men who have sex with men*. Paper presented at the 35th International Sunbelt Social Network Conference, Brighton, UK.
42. Coulter, R., **Birkett, M.**, Corliss, H., Hatzenbuehler, M., Mustanski, B., & Stall, R. (2015, November). *Associations between supportive school climates and alcohol drinking patterns among U.S. high school students*. Paper presented at the American Public Health Association, Chicago, IL.
43. Macapagal, K., **Birkett, M.**, Mayeux, J., Garofalo, R., & Mustanski, B. (2015, November). *Young men who have sex with men report low levels of HIV prevention fatigue and HIV treatment optimism*. Paper presented at the American Public Health Association, Chicago, IL.
44. **Birkett, M.**, Phillips, G., Janulis, P., McConnell, E. A., & Mustanski, B. (2015, November). *Structure of Chicago neighborhoods: How race, class, and geography influence sexual tie formation in YMSM*. In G. Galindo (Moderator), *Intersectionality and LGBT public health*. Paper presented at the American Public Health Association, Chicago, IL.
45. **Birkett, M.**, Janulis, P., Phillips, G. (2015, December). *Racial disparities and the influence of residential and social spaces on the structures of HIV transmission*. Talk presented at Network Frontier Workshop 2015, Northwestern University, Chicago, IL.
46. Phillips, G., Janulis, P., Mustanski, B., **Birkett, M.** (2016, April) *Changes in sexual network characteristics of young men who have sex with men over time*. Paper presented at the 2016 International Sunbelt Social Network Conference, Newport Beach, CA.
47. *Janulis, P., Phillips, G., Mustanski, B., **Birkett, M.**, (2016, April) *Changes in drug network characteristics and marijuana use among young men who have sex with men*. Paper presented at the 2016 International Sunbelt Social Network Conference, Newport Beach, CA.
48. **Birkett, M.**, Janulis, P., Phillips, G., Mustanski, B. (2016, April) *Individual and network predictors of HIV and STI in young men who have sex with men*. Paper presented at the 2016 International Sunbelt Social Network Conference, Newport Beach, CA.
49. *McConnell, E. A., Korpak, A. K., Clifford, A., & **Birkett, M.** (2017, April). *Online identity and support: The Facebook networks of LGBTQ youth*. National LGBTQ Health Conference, Chicago, IL.
50. Salamanca P, Janulis P, **Birkett M**, Phillips II G. (2017, April). Investigating Geographic Contextual Factors and Racial/Ethnic Homophily within a National Sample of Men Who Have Sex with Men (MSM). National LGBTQ Health Conference, Chicago, IL.
51. *McConnell, E. A., Korpak, A. K., Clifford, A., & **Birkett, M.** (2017, June). "Everybody puts their whole life on Facebook": Identity management and the online social networks of LGBTQ youth. In C. E. Flanders

(Chair) & K. MacKinnon (Discussant), *LGBTQ experiences and online spaces*. Symposium to be presented at the Society for Community Research and Action Biennial, Ottawa, Ontario, Canada.

52. *McConnell, E. A., Janulis, P., Phillips II, G., Mustanski, B., & **Birkett, M.** (2017, June). Visualizing racial disparities in HIV among young men who have sex with men in Chicago. In S. J. Reed (Chair), *Approaches to addressing the HIV disparity among high-risk groups*. Symposium to be presented at the Society for Community Research and Action Biennial, Ottawa, Ontario, Canada.
53. **Birkett, M.**, Melville, J., Hogan, B., Bass, M., Contractor, N., Phillips II, G. (2017, June). Network Canvas: Designing a digital tool for egocentric network capture. 37th Annual International Sunbelt Conference. Beijing, China.
54. Hogan, B., Janulis, P., Phillips II, G., Mustanski, B., & **Birkett, M.** (2017, June). Network cognition and online dating. 37th Annual International Sunbelt Conference. Beijing, China.
55. *McConnell, E. A., Néray, B., Korpak, A. K., Clifford, A., & **Birkett, M.** (2017, July). "Everybody puts their whole life on Facebook": Identity management and the online social networks of LGBTQ youth." Paper presented at the 1st North American Social Networks Conference of the International Network for Social Network Analysis, Washington, D.C.
56. Salamanca, P., Neray, B., Janulis, P., Mustanski, B., **Birkett, M.**, & Phillips II, G. (2017, September). Sexual Places, Sexual Partners: Investigations of Venues Frequented by a Cohort of Young Men who Have Sex with Men (YMSM). Annual Third Coast CFAR Symposium. Chicago, IL.
57. Phillips II, G., Neray, B., Salamanca, P., Mustanski, B., & **Birkett, M.** (2017, September). Sexual Health Provider Utilization among YMSM to Achieve Optimal Continuum Outcomes. Annual Third Coast CFAR Symposium. Chicago, IL.
58. Phillips II, G., Janulis, P., Melville, J., Banner, K., Neray, B., Hogan, B., **Birkett, M.** (2018, May). Network Canvas: An Innovative and Intuitive Network Data Capture Tool for Prevention Research. Society for Prevention Research Annual Meeting. Washington, DC.
59. Hogan, B., Janulis, P., Phillips II, G., Melville, J., Mustanski, B., Contractor, N., & **Birkett, M.** (2018, June). Examining changes in alter nominations over time: Results from a longitudinal cohort study. 38th Annual International Sunbelt Conference. Utrecht, The Netherlands.
60. *Neray, B., Koskinen, J., Janulis, P., Phillips II, G., & **Birkett, M.** (2018, June). Inferring the organizing principles of young men who have sex with men from combining many sex-reports. 38th Annual International Sunbelt Conference. Utrecht, The Netherlands.
61. *Neray, B., Koskinen, J., Janulis, P., Phillips II, G., & **Birkett, M.** (2018, July). Inferring the organizing principles of young men who have sex with men from combining many sex-reports. 4th Annual International Conference on Computational Social Science. Chicago, USA.
62. McConnell, E. & **Birkett, M.** (2022, June). Visualizing Multilevel Drivers of Racial Disparities in HIV Among MSM. Society for the Psychological Study of Social Issues 2022. San Juan, Puerto Rico.

63. *Risher, K., Janulis, P., Phillips II, G., McConnell, E., Melville, J., & **Birkett, M.** (2022, July). Using bipartite networks to examine racial/ethnic differences in mobile apps used for sex, dating and relationships among young men who have sex with men and young transgender women in Chicago, USA. 42nd Annual International Sunbelt Conference. Melbourne, Australia.

E. Poster Abstracts / Presentations

1. **Birkett, M.**, Espelage, D.L., Mebane, S.E., Koenig, B.W., & Glomb, S. (2005, August). *Sexual minorities in middle school: Moderators of psychological adjustment*. Poster presented at the American Psychological Association Annual Convention, Washington, DC.
2. Poteat, V.P., **Birkett, M.**, & Knorek, J.K. (2007, August). *Changes in homophobic behavior among high school students over time*. Poster presented at the American Psychological Association Annual Convention, San Francisco, CA.
3. **Birkett, M.**, Espelage, D.L. & Stein, N. (2008, August). *Have school anti-bullying programs overlooked homophobic bullying?* Poster presented at the American Psychological Association Annual Convention, Boston, MA.
4. Mustanski, B., Newcomb, M.E., Heinz, A.J., **Birkett, M.** (2011, August). *Sex differences in developmental trajectories of sexual attractions among LGBT youth*. Poster presented at the Annual Conference of the International Academy of Sex Research, Los Angeles, CA.
5. *Clifford, A., Andrews, K., Mustanski, B., Bigelow, L., **Birkett, M.**, Ashbeck, A. (2013, May). *A healthy Chicago for LGBT Youth: Engaging the research cycle in public health*. Poster presented at the Center for Community Health Ground-Breaking Ceremony. Northwestern, IL.
6. *Beck, E., **Birkett, M.**, Armbruster, B., Mustanski, B. (2013, November). *Evolving sexual relationships and HIV epidemic among Black young men who have sex with men (YMSM) in Chicago: A simulation study*. Poster presentation at the Chicago LGBT Health & Wellness Conference, Chicago, IL.
7. **Birkett, M.**, Hogan, B., McConnell, E.A. Mustanski, B. (2014, February). *Online social networks and support: How LGBT youth use Facebook*. Poster Presented at the 2014 Annual Meeting of the International Network for Social Network Analysis, St. Pete Beach, FL.
8. Sterrett, E., **Birkett, M.**, Mustanski, B. (2014, March). *Non-parental adult involvement in the social networks of young men who have sex with men: Contextual and individual factors*. Poster Presented at the Society for Research on Adolescence, Austin, TX.
9. *Beck, E., Armbruster, B., **Birkett, M.**, Mustanski, B. (2014, March). *A model of partnership formation and dissolution to study HIV transmission among young men who have sex with men (YMSM) in Chicago*. Poster presentation at the Mathematics and HIV Operations Research and Network Modeling for HIV Treatment and Prevention, Burnaby, British Columbia, Canada.
10. *Clifford, A., **Birkett, M.** (April, 2014). *Intersections of school-based violence & victimization for sexual minority youth*. Poster presented at the Feinberg School of Medicine Research Day, Chicago, IL.

11. *Phillips II, G., **Birkett, M.**, Kuhns, L., Hatchel, T., Garofalo, R., Mustanski, B. (2014, October). *Neighborhood-level associations with HIV infection among young men who have sex with men in Chicago*. Poster presented at the Chicago LGBTQ Health & Wellness Conference, Chicago, IL.
12. *Clifford, A., **Birkett, M.**, & Swann, G. (2014, October). *Sexual minority students, victimization, and violence-involvement: A mediation analysis*. Poster presented at the Midwest Injury Prevention Alliance Summit, Chicago, IL.
13. *McConnell, E. A., **Birkett, M.**, & Mustanski, B. (2015, August). *Families matter: Victimization, social support, and mental health among LGBT youth*. Poster presented at the Society for the Psychological Study of Lesbian, Gay, Bisexual, and Transgender Issues at the American Psychological Association, Toronto, ON, Canada.
14. *McConnell, E. A., **Birkett, M.**, & Mustanski, B. (2015, October). *Families matter: Trajectories of social support and mental health among LGBT youth*. Poster presented at the LGBTQ Health Conference, Chicago, IL.
15. *Salamanca, P., Janulis, P., **Birkett, M.**, & Phillips, G. (2015, October). *Neighborhoods and networks: Exploring the context of alcohol and drug use among YMSM*. Poster presented at the LGBTQ Health Conference, Chicago, IL.
16. *Janulis, P., **Birkett, M.**, Phillips, G., & Mustanski, B. (2015, November). *Associations between drug ego-network characteristics and drug use behaviors among YMSM*. Poster presented at the American Public Health Association, Chicago, IL.
17. Phillips II, G., **Birkett, M.**, Janulis, P., & Mustanski, B. (2015, November). *Sexual networks of a cohort of young men who have men in Chicago*. Poster presented at the 19th Annual National Center for AIDS Research Meeting, Seattle, WA.
18. *McConnell, E. A., Korpak, A. K., Clifford, A., & **Birkett, M.** (2017, April). *Online identity and support: The Facebook networks of LGBTQ youth*. Poster to be presented at the Society for Community Research and Action Program at the Midwest Psychological Association, Chicago, IL.
19. Janulis, P., Phillips II, G., Birkett, M., Melville, J., Hogan, B., Contractor, N., Bass, M., **Birkett, M.** (2017, July). *Network Canvas: A comprehensive suite for capturing network data*. Poster presented at the 1st North American Social Networks Conference, Washington D.C.
20. Kelsey, S. W., Janulis, P., Phillips II, G., Buckhalt, H.E., & **Birkett, M.** (2021, May). *Illustrating Social Isolation: Racial/Ethnic Differences in LGBTQ+ Bar Attendance among Chicago Neighborhoods*. Poster presented at the LGBTQ Health Conference, Chicago, IL.
21. **Birkett, M.** (2022, September). *Metropolitan Chicago Data Science Corps*. Poster presented at the Data Science Jam held at Northwestern University, Chicago, IL.
22. **Birkett, M.**, Greene, G.J., Buckhalt, H., Banner, K., Janulis, P., Melville, J., & Phillips II, G. (2022, September). *Can Novel Technologies Improve Implementation of HIV Partner Services?* Poster accepted for presentation at the 2022 STD Prevention Virtual Conference.

F. Reports and White Papers

1. Mustanski, B.S., Clifford, A., Bigelow, L., Andrews, K., **Birkett, M.**, Ashbeck, A., Fisher, K. (2012). *A healthy Chicago for LGBT youth: An IMPACT Program white paper on health disparities in Chicago's LGBT youth*. Chicago, IL: The IMPACT Program at Northwestern University, Retrieved from <http://www.impactprogram.org/youth/whitepaper>.
2. *McConnell, E.A., **Birkett, M.**, & Mustanski, B. (2014). Predicting mental health outcomes from social support cluster types among LGBT youth. Write-up appeared in *The Rookie*, a research publication of the Society for the Psychological Study of Social Issues, which highlights student work.
3. **Birkett, M.**, Galles, C., Durudogan, C., Watson-Daniels, J., Beach, L.B., Phillips, G., Felt, D., Banner, K., Janulis, P., Milner, Y., 2020. *Bias in Big Data: 2019 Workshop White Paper*. <https://doi.org/10.21985/n2-kax9-ew70>

MEDIA COVERAGE AND APPEARANCES

1. Anderson, R. (2015, April 27). *Choices in High School Elevate Lifetime Cancer Risk for LGBT Students*. News Center. https://news.feinberg.northwestern.edu/2014/06/lgbt_cancer/.
2. Chin, E. (2015, February 19). *Feinberg study shows 'It gets better' for LGBT youth*. The Daily Northwestern. <https://dailynorthwestern.com/2015/02/19/campus/feinberg-study-shows-it-gets-better-for-lgbt-youth/>.
3. Dreyfuss, E. (n.d.). *LGBTQ+ Youth Prefer to Seek Mental Health Help Digitally*. Wired. <https://www.wired.com/story/lgbtq-mental-health-digital-outreach/>.
4. Dunne, N. (2017, June 22). *New Northwestern Institute Commits to Improving LGBT Health*. News Center. <https://news.feinberg.northwestern.edu/2016/02/new-northwestern-institute-commits-to-improving-lgbt-health/>.
5. Larson, E. (2014, June 25). *Internalized Homophobia: The Next LGBT Movement After Same-Sex Marriage*. Mashable. <https://mashable.com/2014/06/25/internalized-homophobia-lgbt/>.
6. Lopez, G. (2015, January 29). *LGBTQ study finds it really does get better*. Vox. <https://www.vox.com/2015/1/29/7945603/it-gets-better-study>.
7. Middleton, J. (2015, January 29). *Study Shows it Really Does Get Better: G Philly*. Philadelphia Magazine. <http://www.phillymag.com/g-philly/2015/01/29/study-really-get-better/>.
8. *New Institute Spurs Research on Sexual and Gender Minority Health*. Feinberg School of Medicine Research Office Breakthroughs. (2016, August). <https://www.feinberg.northwestern.edu/research/docs/newsletters/August2016.pdf>.
9. Nguyen, K. (2016, March 4). *Northwestern launches first university-wide LGBT research institute in the nation*. The Daily Northwestern. <https://dailynorthwestern.com/2016/03/04/campus/northwestern-launches-first-university-wide-lgbt-research-institute-in-the-nation/>.

10. Ryan, B. (2015, February 13). *It Really Might 'Get Better' for LGBT Teens*. The Atlantic. <https://www.theatlantic.com/health/archive/2015/02/it-really-might-get-better-for-lgbt-teens/385467/>.
11. Seaman, A. (2015, January 28). *It does get better for LGBT and questioning youth*. Reuters Health. <https://www.reuters.com/article/us-lgbt-youth-mental/it-does-get-better-for-lgbt-and-questioning-youth-idUKKBN0L12NX20150128>.
12. Gaiba, F. (2017, March 14). *The importance of family support when LGBTQ youth come out*. Rewire. <https://rewirenewsgroup.com/article/2017/03/14/importance-family-support-lgbtq-youth-come/>
13. Breck, A. (2019, July 8). *Northwestern Workshop to cover bias in big data and LGBTQ health*. Northwestern Now. <https://news.northwestern.edu/stories/2019/07/northwestern-workshop-bias-in-big-data-and-lgbtq-health/>
14. Frkovich, J. (2019, August 12). *Bias in Big Data: Implications for Multi-Sector Data Sharing*. All In – Data for Community Health. <https://www.allindata.org/bias-in-big-data-implications-for-multi-sector-data-sharing/>
15. Vicino, C. (2019, December 20). *Tracking HIV With Social Data*. News Center. <https://news.feinberg.northwestern.edu/2016/07/tracking-hiv-with-social-data/>.
16. Sciences, N. V. in. (2020, March 18). *How the U.S. Must Respond to the COVID-19 Pandemic*. Scientific American Blog Network. <https://blogs.scientificamerican.com/observations/how-the-us-must-respond-to-the-covid-19-pandemic/>.
17. TheAdvocateMag. (2020, August 31). *Queer People And The Effects of 'Doom Scrolling'*. ADVOCATE. <https://www.advocate.com/exclusives/2020/8/31/queer-people-and-effects-doom-scrolling>.

TEACHING

- | | |
|-----------|---|
| 2022 | <p><u>Guest Instructor</u>, 1 Session
 STAT 359: Topics in Statistics – Data Science Project
 Unpacking the Bias in Big Data – And What Can We Even Do?
 Department of Statistics and Data Science, Northwestern University</p> |
| 2019-2022 | <p><u>Guest Instructor</u>, 3 Sessions
 HSIP 430: Introduction to Social Sciences and Health
 Stigma, Health Disparities, and Social Networks,
 Center for Education in Health Sciences, Northwestern University</p> |
| 2018-2022 | <p><u>Guest Instructor</u>, 4 Sessions
 HSIP 443: Methods in Health and Biomedical Informatics (HBMI) III
 Introduction to Social Networks and Health
 Center for Education in Health Sciences, Northwestern University</p> |

- 2017-2018 Small Groups Lecturer on Social Determinants of Health, 2 Sessions
M3 Health Equity and Advocacy Thread,
Feinberg School of Medicine, Northwestern University
- 2012-2016 Coordinator of Education, IMPACT LGBTQ Health Program
Coordinated all educational activities, including the placement and supervision of approximately
20 graduate and undergraduate clinical research interns per year.
Department of Medical Social Sciences, Northwestern University
- 2010-2011 Seminar Co-Coordinator
Hierarchical Linear Modeling and Growth Mixture Modeling
University of Illinois at Chicago
- 2006-2008 Course Coordinator and Supervisor of Ten Course Instructors
EPSY 220 Career Theory and Development
Department of Education Psychology, University of Illinois at Urbana-Champaign, IL
- 2005-2007 Teaching Assistant, 3 Courses
EPS 427 Philosophy of Middle School Education
Department of Educational Policy Studies, University of Illinois at Urbana-Champaign, IL
- 2004-2006 Course Instructor, 8 Courses
EPSY 220 Career Theory and Development
Department of Educational Psychology, University of Illinois at Urbana-Champaign, IL
- 2005 Teaching Assistant, 1 Course
EPSY 420 Introduction to Psychotherapy
Department of Educational Psychology, University of Illinois at Urbana-Champaign, IL

TRAINEES

Research Mentorship

- Undergraduate
 - Cate Durudogan, Institute of Policy Research Summer Research Intern. (*Summer 2019 - 2020*)
 - Efrain Bahena, Summer Research Opportunity Program (SROP). Undergraduate at University of Illinois Chicago. (*Summer 2014*)
- Graduate
 - Xiaowei Chen, Graduate Research Intern. Master's Student at Northwestern University, Department of Computer Science (*2022 – P*).
 - Tubanji Walubita, Primary Mentor, Doctoral Student in Health Sciences Integrated PhD Program. Social Sciences and Health Track (*2021 – P*).
 - William Liem, Consulting Mentor, Doctoral Student in Health Sciences Integrated PhD Program. Social Sciences and Health Track (*2021 – P*).
 - Philip Curtis, Consulting Mentor on F31, PhD Student in Communication Sciences at Northwestern University (*2018 – 2021*)
 - Camille Galles, Graduate Research Intern. Master's Student at Northwestern University Medill School of Journalism. (*2019-2020*)

- Elizabeth McConnell, Primary Sponsor on F31 Award, Graduate Research Intern. PhD Student in Clinical/Community Psychology at DePaul University. Currently Tenure Track Assistant Professor at Palo Alto University. (2013 – 2019)
- Tyler Hatchel, Summer Research Scholar. Master’s Student in Psychology at California State University. (Summer 2014)
- Ekkehard Beck, Graduate Research Intern. PhD Student in Industrial Engineering at Northwestern University. (2013 – 2016)
- Mollie McQuillan, Graduate Research Intern. PhD Student in the Department of Human Development and Social Policy at Northwestern University. (2013-2014)
- Pre-Doctoral Interns/Residents
 - Janina Mayeux, MS, Clinical Psychology Doctoral Resident; LGBT Research-Track. Doctoral student in Clinical Psychology at Texas Tech University. (2013 – 2014)
 - Brian Rood, MS, MPH, Clinical Psychology Doctoral Resident; LGBT Research-Track. Doctoral Student in Clinical Psychology at Suffolk University. (2014-2015)
- Postdoctoral
 - Sijia Wei, PhD, Mentor. Postdoctoral Fellow within the Integrated Health Services and Outcomes Research Fellowship Program. Center for Education in Health Sciences, Northwestern University. (2022-P)
 - Kathryn Risher, PhD, Mentor. Postdoctoral Scholar at Northwestern University. (2021 – P)
 - Shahin Davoudpour, PhD, Consulting Mentor, Postdoctoral Scholar at Northwestern University. (2021 – P)
 - Lauren Beach, PhD, JD, Consulting Mentor and Mentor on Unfunded K99, Postdoctoral Scholar at Northwestern University. Currently Research Assistant Professor at Northwestern University. (2017-2019)
 - Bálint Néray, PhD, Mentor, Postdoctoral Scholar at Northwestern University. Currently Research Scientist at Facebook. (2017 – 2019)
 - Patrick Janulis, PhD, Mentor, Postdoctoral Scholar at Northwestern University. Currently Assistant Professor at Northwestern University. (2015 – 2017)
 - Gregory Phillips II, PhD, Consulting Mentor, Postdoctoral Scholar at Northwestern University. Currently Assistant Professor at Northwestern University. (2013 – 2014)
- Other
 - Antonia Clifford, MSW. Project Director and Director of Recruitment and Retention for the IMPACT Program. Currently Feinberg School of Medicine Class of 2024. (2013 – 2020)

Dissertation and Thesis Committees

- Ekkehard Beck, PhD in Industrial Engineering, Northwestern University
- Elizabeth McConnell, PhD in Clinical/Community Psychology, DePaul University
 - *Dissertation received the 2020 SCRA Emory L. Cowen Award for the Promotion of Wellness.*
- Jiancheng Ye, PhD in Health Sciences Integrated PhD Program, Healthcare Quality and Patient Safety Track.
- Xiaowei Chen, MS in Computer Science, Northwestern University