

# Patrick Janulis, Ph.D.

Department of Medical Social Sciences  
Feinberg School of Medicine  
Third Coast Center for AIDS Research  
Institute for Sexual and Gender Minority Health and Wellbeing  
Northwestern University

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## Academic Appointments

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- 2016 – **Assistant Professor**, Department of Medical Social Sciences at the Feinberg School of Medicine and Third Coast Center for AIDS Research, Northwestern University
- 2015 – 2016 **Postdoctoral Fellow**, Department of Medical Social Sciences at the Feinberg School of Medicine and the Institute for Sexual and Gender Minority Health and Wellbeing, Northwestern University

## Education

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- 2014 **Ph.D., Ecological-Community Psychology**, Michigan State University  
Dissertation: *The Micro-Social Risk Environment for Injection Drug Use: An Event Specific Multilevel Analysis of Injection Risk Behavior*
- 2010 **M.S., General Psychology**, DePaul University  
Thesis: *Understanding addiction stigma: Examining desired social distance toward addicted individuals*
- 2008 **B.A., Economics**, University of Illinois at Urbana-Champaign

## Funding - Current

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- 2017 – 2019 Implementing and Evaluating a Machine Learning Tool for Entity Resolution in Drug Use and Sexual Contact Networks of YMSM (R21 LM012578)  
Role: **Principal Investigator**
- 2016 – 2021 netCanvas: Development, Hardening, and Dissemination of a Software Suite for the Collection of Complex Network and Contextual Data in HIV and Drug Research (R01 DA042711); Multi-PIs: Michelle Birkett and Gregory Phillips II  
Role: **Co-Investigator**

## Funding - Completed

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- 2015 – 2016 Improving HIV Surveillance of YMSM to Target Microepidemics (Supplement to P30 AI117943); PI: Richard D'Aquila; Project PI: Gregory Phillips II  
Role: **Co-Investigator**
- 2013 – 2014 Training Program in Drug Dependence Epidemiology (T32 DA021129); PI: Jim Anthony  
Role: **Predoctoral Fellow**

EpiModel 2.0 Integrated Network Models for HIV STI Prevention Science (R01); PI:  
Samuel Jenness  
Role: **Site-PI**

## Peer-Reviewed Publications

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13. **Janulis, P.**, Newcomb, M.E., Sullivan, P., Mustanski, B. (2017) Evaluating HIV knowledge questionnaires among men who have sex with men: A multi-study item response theory analysis. *Archives of Sexual Behavior*. doi: 10.1007/s10508-016-0909-x PMCID: PMC5554732
12. **Janulis, P.**, Feinstein, B.A., Phillips, G., Newcomb, M.E., Birkett, M., Mustanski, B. (2017) Sexual partner typologies and the association between drug use and sexual risk behavior among young MSM. *Archives of Sexual Behavior*. doi: 10.1007/s10508-016-0909-x PMCID: PMC5554732
11. Macapagal, K., Birkett, M., **Janulis, P.**, Garofalo, R., Mustanski, B. (2017) HIV Prevention Fatigue and HIV Treatment Optimism among Young Men Who Have Sex with Men. *AIDS Education and Prevention*. 29 (4), 289 – 301. doi: 10.1521/aeap.2017.29.4.289
10. Phillips, G., **Janulis, P.**, Mustanski, B., Birkett, M. (2017) Validation of tie reciprocation and reported alter characteristics among a sample of young men who have sex with men. *Social Networks*. 48, 250–255. doi: 10.1016/j.socnet.2016.10.001 PMCID: PMC5423666
9. **Janulis, P.** (2016) The micro-social risk environment for injection drug use: An event specific analysis of dyadic, situational, and network predictors of injection risk behavior. *International Journal of Drug Policy*. 27, 56-64. doi: 10.1016/j.drugpo.2015.09.006. PMCID: PMC4715965
8. Hogan B., Melville J., Phillips II, G., **Janulis, P.**, Contractor, N., Mustanski, B., Birkett, M. (2016) Evaluating the paper-to-screen translation of participant-aided sociograms with high-risk participants. *Proceedings of the ACM CHI Conference on Human Computer Interaction*. doi: 10.1145/2858036.2858368 PMCID: PMC5176260
7. Miller, R.L., **Janulis, P.**, Reed, S., Harper, G.W., Ellen, J., Boyer, C. (2016) Creating youth-supportive communities: Outcomes from the Connect-to-Protect® (C2P) structural change approach to youth HIV prevention. *Journal of Youth and Adolescence*. 45(2), 301-315. doi: 10.1007/s10964-015-0379-9. PMCID: PMC4714586
6. Shaw, J., **Janulis, P.** (2016) Re-evaluating sexual violence prevention through bystander education: A Longitudinal approach. *Journal of Interpersonal Violence*. doi: 10.1177/0886260515580365
5. **Janulis, P.**, Birkett, M., Phillips, G., Mustanski, B. (2015) Substance use network characteristics and drug use behaviors among young men who have sex with men (YMSM). *Drug and Alcohol Dependence*. 157, 188-191. doi: 10.1016/j.drugalcdep.2015.10.003. PMCID: PMC4663132.
4. **Janulis, P.** (2014). Improving measurement of injection drug HIV risk behavior using item response theory. *The American Journal of Drug and Alcohol Abuse*. 40(2), 143-150. doi:10.3109/00952990.2013.848212
3. Neal, J.W., **Janulis, P.**, Collins, C. (2013) Is Community Psychology ‘Too Insular’? A Network Analysis of Journal Citations. *Journal of Community Psychology*. 41(5), 549-564. doi:10.1002/jcop.21556

2. **Janulis, P.**, Ferrari, J.R., Fowler, P. (2013) Understanding stigma toward substance dependence. *Journal of Applied Social Psychology*. 43(5), 1065-1072. doi: 10.1111/jasp.12070
1. **Janulis, P.** (2012) Pharmacy nonprescription syringe distribution and HIV/AIDS: A review. *Journal of the American Pharmacists Association*. 52(6), 787-797. doi: 10.1331/JAPhA.2012.11136

## Manuscripts Under Review

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**Janulis, P.**, Birkett, M., Phillips II, G., Mustanski, B. (Under Review) Variation in racial homophily but not concurrency across the sexual networks of racially/ethnically diverse young MSM.

**Janulis, P.**, Birkett, M., Phillips II, G., Mustanski, B. (Under Review) Close social ties and drug use partners: Contrasting the association of social versus drug use network characteristics on drug use behavior among young men who have sex with men.

McConnell, E., **Janulis, P.**, Phillips II, G., Truong, R., Birkett, M. (Under Review) Multiple minority stress and LGBT community resilience among sexual minority men on a geosocial networking application.

Salamanca, P., **Janulis, P.**, Elliott, M., Birkett, M., Mustanski, B., Phillips II, G. (Under Review) An investigation of racial/ethnic homophily on Grindr.

## Selected Conference Presentations

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Hogan, B., Simonetto, P., Archambault, D., Purchase, H., Kobourov, S., **Janulis, P.**, Melville, J. (2017, July) *Closeness and role as key organizing principles in graph drawing*. Paper presented at the 1<sup>st</sup> North American Social Networks Conference, Washington D.C.

McConnell, E. A., **Janulis, P.**, Phillips, G., Mustanski, B., Birkett, M. (2017, June). *Visualizing racial disparities in HIV among young men who have sex with men in Chicago*. Symposium presented at the Society for Community Research and Action Biennial, Ottawa, Ontario, Canada.

**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.

Birkett, M., **Janulis, P.**, Phillips, G., Mustanski, B. (2016, April) *Individual and network predictors of HIV and STIs in young men who have sex with men*. Paper presented at the 2016 International Sunbelt Social Network Conference, Newport Beach, CA.

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.

Birkett, M., **Janulis, P.**, Phillips II, G. (2015, December) *Racial disparities and the influence of residential and social spaces on the structure of HIV transmission*. Paper presented at Network Frontier Workshop 2015, Evanston, IL.

Birkett, M., Phillips II, G., **Janulis, P.**, McConnell, E., Mustanski, B. (2015, November) *Structure of Chicago neighborhoods: how race, class, and geography influence sexual tie formation in YMSM*. Paper presented at the 143rd American Public Health Association Annual Meeting, Chicago, IL.

- Macapagal, K., Birkett, M., **Janulis, P.**, 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 143rd American Public Health Association Annual Meeting, Chicago, IL.
- Janulis, P.**, Birkett, M., Phillips II, 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 2015 International Sunbelt Social Network Conference, Brighton, UK.
- Phillips II, 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 2015 International Sunbelt Social Network Conference, Brighton, UK.
- 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.
- Beasley, C., **Janulis, P.**, Coleman, B., Sunnquist, M., Jason, L.A. (2013, November) *Modern methods of community data analysis*. Symposium presented at the 2013 Midwest Eco Conference, Chicago, IL.
- Greeson, M., **Janulis, P.**, Relyea, M. (2013, June). *Statistical procedures for complex community phenomenon: latent growth curves, multidimensional IRT, and the LARK procedure*. Symposium presented at the biennial meeting of the Society for Community Research and Action, Coral Gables, FL.
- Collins, C., Jimenez, T.R., **Janulis, P.** (2012, October). *Theories and Applications of Social Network Analysis in Community Psychology*. Symposium presented at the 2012 Midwest Eco Conference, Hickory Corners, MI.
- Neal, J.W., Collins, C., **Janulis, P.** (2012, March). *Understanding the knowledge environment of Community Psychology: A network analysis of journal citations*. Paper presented at the annual meeting of the International Network for Social Network Analysis conference: Sunbelt XXXII, Redondo Beach, CA.
- Neal, J.W., Cabral, G., **Janulis, P.**, Farrell, P.A. (2011, June). *Social networks, dissemination, and implementation: Lessons from the promoting academic success project*. Paper presented at biennial meeting of the Society for Community Research and Action, Chicago, IL.
- Scott, G.S., Lovell, R., Grau, L., **Janulis, P.** (2011, April). *An ethno-geographic visual study of injection-related risk behavior complexity*. Paper presented at the Harm Reduction Association's 22<sup>nd</sup> International Conference, Beirut, Lebanon.
- Scott, G.S., Lovell, R., **Janulis, P.** (2010, November) .*"Follow my hands": A multidimensional Geo-visual analysis of injection-related risk behavior complexity*. Paper presented at the 8<sup>th</sup> National Harm Reduction Conference, Austin, TX.
- Anderson, V., Braciszewski, J., Hidalgo, B., **Janulis, P.**, Bell, B., Howe, S., Baum, K., Roberts, Y. (2008, September). *Homelessness across perspectives*. Symposium presented at the annual Midwest Eco Conference, Battle Creek, Michigan.

## Selected Poster Presentations

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- 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 1<sup>st</sup> North American Social Networks Conference, Washington D.C.

- Janulis, P.,** Phillips II, G., Birkett, M. (2017, June) *Network Canvas: A touchscreen optimized software suite for capturing complex data*. Poster presented at the Society for Community Research and Action Biennial, Ottawa, Ontario, Canada.
- Janulis, P.,** Phillips II, G., Mustanski, B., Birkett, M. (2017, February) *Concurrency in the sexual networks of racially diverse YMSM*. Poster presented at the annual Conference on Retroviruses and Opportunistic Infections (CROI), Seattle, WA.
- Janulis., P.,** Birkett, M., Phillips II, G., Mustanski, B. (2015, November) *Associations between drug ego-network characteristics and drug use behaviors among YMSM*. Poster presented at the 143rd American Public Health Association Annual Meeting, Chicago, IL.
- Janulis, P.,** (2015, June) *The gendered risk environment for injection drug use: An event specific analysis of injection risk behavior*. Poster presented at the 77th Annual College on Problems of Drug Dependence, Phoenix, Arizona.
- Miller, R., **Janulis, P.,** Reed, S., Fortenberry, D., Kapogiannis, B., Mayer, K. (2014, July) *Evaluating referral infrastructures to support youth linkage to HIV care*. Poster presented at the 20th International AIDS Conference, Melbourne, Australia.
- Janulis, P.,** Anthony, J.C. (2014, June) *Estimated effect of state syringe policy on source of last-used injection equipment*. Poster presented at the 76th Annual College on Problems of Drug Dependence, San Juan, Puerto Rico.
- Miller, R.L., **Janulis, P.,** Reed, S.J., Fortenberry, J.D., Kapogiannis, B., Mayer, K. (2014, July) *Evaluating referral infrastructures to support youth linkage to HIV care*. Poster presented at the 20th International AIDS Conference, Melbourne, Australia.
- Janulis, P.** (2012, October). *Exploring the relevance of item response theory to Community Psychology*. Poster presented at the 2012 Midwest Eco Conference, Hickory Corners, MI.
- Miller, R.L., McNall, M.A., Forney, J.C., **Janulis, P.** (2012, July). *Maintenance in care and health status 3 years after release from prison: An evaluation of Michigan's Community Re-entry Program for HIV-positive ex-offenders*. Poster presented at the XIX International AIDS Conference, Washington, DC.
- Scott, G., **Janulis, P.,** Gutierrez, S. (2009, June). *Contaminative exposure: A multi-level analysis of injection hygiene variation among intravenous drug users*. Poster presented at the biennial conference of the Society for Community Research and Action, Montclair, NJ.

## Teaching Experience

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2012 (Summer)	<b>Instructor</b> , Michigan State University PSY 295: Data Analysis in Psychological Research
2011 (Spring)	<b>Teaching Assistant</b> , Michigan State University, PSY 395: Design and Measurement
2010 (Fall)	<b>Teaching Assistant</b> , Michigan State University PSY 101: Introduction to Psychology
2008 – 2010	<b>Teaching Assistant</b> , DePaul University PSY 305: Social Justice and Psychology

2009 (Summer)      **Teaching Assistant, DePaul University**  
SOC 279: Introduction to Statistics for the Social Sciences

## **Professional Service**

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### **Ad-hoc Reviewer**

American Journal of Drug and Alcohol Abuse  
American Journal of Public Health  
Children and Youth Services Review  
Drug and Alcohol Dependence  
Drug and Alcohol Review  
Journal of Acquired Immune Deficiency Syndromes (JAIDS)  
Journal of Public Health  
Journal of Rural Mental Health  
Journal of the American Pharmacists Association  
Perspectives in Public Health  
PLOS ONE  
Psychological Reports

2016      **Chief Postdoc**, Department of Medical Social Sciences, Feinberg School of Medicine,  
Northwestern University

2012 - 2013      **Ecological-Community Psychology Admissions Committee**, Department of Psychology,  
Michigan State University