

# April M. Young

## *Curriculum Vitae*

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Department of Epidemiology  
University of Kentucky College of Public Health  
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### EDUCATION

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- 2010 – 2013     *Emory University Rollins School of Public Health*  
Ph.D., Department of Behavioral Sciences and Health Education  
Dissertation: "HIV Vaccination among High-risk Drug Users in  
Appalachia: Insights from Social Network Analysis on Feasibility,  
Consequences, and Dissemination Strategies"  
Advisor: Ralph J. DiClemente, PhD
- 2008 – 2010     *University of Kentucky College of Public Health*  
Master of Public Health, Departments of Health Behavior and Epidemiology  
Graduate Certificate in Maternal and Child Health  
Graduate Certificate in Global Health  
Advisor: Richard A. Crosby, PhD
- 2003 – 2007     *Transylvania University*  
Bachelor of Arts in Biology, Minor in Psychology
- 2005             *Macquarie University (Sydney, Australia)*  
Semester Coursework in Biology

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### RESEARCH INTERESTS

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Social network analysis, substance use disorder in rural communities, HIV, and hepatitis C.

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### PROFESSIONAL EXPERIENCE

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- 2018 - present     **Associate Professor with Tenure**  
Department of Epidemiology  
University of Kentucky College of Public Health (Lexington, KY)
- 2014 – 2018       **Assistant Professor**  
Department of Epidemiology  
University of Kentucky College of Public Health (Lexington, KY)
- 2015 - present     **Faculty Associate**  
Center on Drug and Alcohol Research

- University of Kentucky College of Medicine (Lexington, KY)
- 2011 – 2013    **Analyst**  
Center on Drug and Alcohol Research, Department of Behavioral Science  
University of Kentucky College of Medicine (Lexington, KY)
- 2009 – 2011    **Research Assistant**  
Center on Drug and Alcohol Research, Department of Behavioral Science  
University of Kentucky, College of Medicine (Lexington, KY)
- 2012            **Adjunct Instructor**  
Transylvania University
- 2012            **Student Researcher**  
Department of Global Health  
Rollins School of Public Health at Emory University (Atlanta, GA)  
\*Project in Mukuru, Kenya
- 2010 – 2012    **Graduate Fellow**  
Social and Behavioral Sciences Research Center  
Emory University (Atlanta, GA)
- 2010 – 2012    **Graduate Research Assistant**  
Department of Behavioral Sciences and Health Education  
Rollins School of Public Health at Emory University (Atlanta, GA)
- 2008 – 2010    **Graduate Research Assistant**  
Rural Center for AIDS/STD Prevention (Lexington, KY)
- 2007 – 2009    **Research Coordinator/Graduate Research Assistant**  
Department of School Psychology  
University of Kentucky College of Education and Counseling Psychology
- 2006 – 2009    **Research Assistant**  
Department of Health Behavior  
University of Kentucky College of Public Health (Lexington, KY)

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## AWARDS and HONORS

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- 2014 - present    Health Disparities Scholar, Loan Repayment Program  
*National Institutes of Health*
- 2017              Dean's Outstanding Teaching Performance Award  
*University of Kentucky College of Public Health*
- 2017              Teacher Who Made a Difference Nominee  
*University of Kentucky College of Education*
- 2017              Delta Omega, Honorary Society in Public Health

*Beta Gamma Chapter, University of Kentucky*

- 2016 Golden Apple Teaching Award  
*University of Kentucky College of Public Health*
- 2015 Dean's Innovation in Teaching Award  
*University of Kentucky College of Public Health*
- 2015 Outstanding Alumni - Emerging Professional Award  
*University of Kentucky College of Public Health*
- 2014 - 2015 Exceptional Reviewer, *Journal of Rural Health*
- 2013 Highest Scoring Student Abstract  
*Community Health Planning and Policy Development Section, American Public Health Association*
- 2011 Meritorious Student Abstract  
*Society of Behavioral Medicine's 32nd Annual Meeting and Scientific Sessions*
- 2011 Highest Scoring Student Abstract - Honorable Mention  
*Women's Caucus, American Public Health Association*
- 2010 Student Award for Outstanding Research Paper  
*International Health Section, American Public Health Association*
- 2010 International Service Award  
*University of Kentucky*
- 2010 John Sterling Wiggs 'Golden Rule' Award  
*University of Kentucky*
- 2010 Academic Excellence Award  
*University of Kentucky*
- 2010 Dr. Richard Clayton Research Award  
*University of Kentucky*
- 2010 Health Behavior Departmental Award  
*University of Kentucky*
- 2007 Ruchman Biology Award  
*Transylvania University*
- 2007 Bachelor of Arts awarded cum laude with honors in the major  
*Transylvania University*
- 2003 – 2007 Morrison Scholar  
*Transylvania University*
- 2003 – 2007 Robert C. Byrd Scholar  
*Georgia Department of Education*

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## CERTIFICATES

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- 2010 Certificate in Public Health, *National Board of Public Health Examiners*
- Spring 2012 Certification in the Technology, Pedagogy, and Curriculum Program  
*Emory University Center for Instructional Technology*
- Spring 2014 Commercialization Workshop Series, *University of Kentucky Von Allmen Center for Entrepreneurship and Office of the Provost*

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## RESEARCH FUNDING

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### Current Funding

NIDA UG3 DA044798-01 Young and Cooper (PIs) 8/15/2017 – 7/31/2019  
*Kentucky Communities and Researchers Engaging to Halt the Opioid Epidemic (CARE2HOPE)*  
The proposed project will employ community/academic partnerships to build effective, evidence-based, community-grounded public health responses to combat the intertwined epidemics of heroin and non-medical prescription opioid injecting, overdoses, and HCV, and imminent HIV outbreaks, in 12 of the hardest hit rural counties in the US. Located in Central Appalachian Kentucky, 10 of the 12 counties are in the top 5% for HIV/HCV vulnerability in the US.  
Role: Principal Investigator (multi-PI proposal with Hannah Cooper)

NIDA R21 AI131979 Rudolph (PI) 2/15/2017 - 1/31/2019  
*Combining phylogenetic, social network, & spatial approaches to identify new HIV infections*  
HIV transmission rates are ~3.5 times higher among those who are HIV-infected but unaware of their status, compared to those who are aware, and innovative strategies are urgently needed to find recently and chronically infected individuals who are not yet linked to care. Current case-finding strategies use social network, spatial, and phylogenetic approaches. This project will develop new analytic methods to combine these three approaches in order to identify the optimal combination of social network, spatial-, and venue-based approaches to better target HIV-case-finding strategies in near real-time.  
Role: Co-Investigator

NIDA R21 DA042727 Cooper and Young (PIs) 7/28/2016 – 7/27/2018  
*Novel methods for research on young rural opioid users at risk of HIV, HCV & OD*  
The overarching aim of this mixed-methods study is to lay the foundations to launch a new generation of high-impact multilevel research and interventions into how risk environments influence NMPO and heroin use; injecting transitions; and HIV, hepatitis C, and overdose risk among young adults in multiple US rural counties. The study aims to develop and test the feasibility of using (a) WebRDS, a virtual form of respondent-driven sampling, and (b) a virtual eligibility screener to create a sample (N=200) of young adult opioid users in a rural epicenter of NMPO use, heroin use, and related harms. The study will also create and validate novel survey-based and virtual geospatial measures of features of rural risk environments, and develop and

pilot (a) an internet survey of the rural risk environment; drug use patterns; HIV and HCV risk; and OD risk and occurrence and (b) a system of at-home HIV testing.

Role: Principal Investigator (multi-PI proposal with Hannah Cooper)

NIDA R03 DA039740 Young (PI) 9/1/2016 – 8/31/2018

*Role of Social Media and Mobile Apps in Sexual and Drug Co-Usage Networks of MSM*

The goal of this project is to examine overlap in the sexual and drug co-usage networks of men who have sex with men (MSM) and to overlay information about sexual partnerships facilitated by the use of social networking applications to determine the association between app use and spatial and network-level patterns of HIV risk behavior in a mid-size city in the South.

Role: Principal investigator

NIDA R01 DA033862 Havens (PI) 9/1/2012 – 4/30/2021

*Effect of Structural Interventions on HIV/HCV Risk among Rural PWUD*

The goal of the study is to examine engagement in structural interventions and to determine their potential influence on risk reduction and health promotion activities among rural Appalachian people who use drugs.

Role: Co-investigator

NIDA K01 DA033879 Rudolph (PI) 9/1/12 - 6/30/18 (NCE)

*HIV and Substance Abuse Epidemiology among IDUs: Structural and Network Risk Factors*

The major goal of this project is to better understand how network and spatial factors act independently and together to influence risk and health-seeking behaviors among HIV positive PWUD in Baltimore, MD.

Role: Collaborator (0.34 cal. mon.)

## Completed

NIDA R03 DA043379-01 Havens (PI) 9/15/2016 - 9/14/2017

*Epidemiology of HCV Treatment Knowledge and Utilization among Opioid Injectors in Rural Appalachia*

The overarching goal of this application is to examine knowledge of new HCV pharmacotherapies and willingness to engage in HCV treatment among rural HCV-positive people who inject drugs (PWID).

Role: Co-investigator

NIH NCRR UL1TR000117 (PI: Kern) Young (PI) 8/26/2015 - 05/31/2017

Pilot Grant from University of Kentucky Center for Clinical and Translational Science

*Sexual and Drug Co-usage Partnerships among Men who have Sex with Men (MSM): A Pilot Study on the Influence of Mobile Apps and on the Spatial Distribution of Partner-seeking MSM*

This pilot project examines drug co-usage in the sexual relationships of men who have sex with men (MSM) and explores the role of social networking applications, or “apps”, in facilitating relationships that involve HIV risk behavior (e.g., unprotected sex, injection drug use, sharing of injection equipment). The project also uses spatial data collection to map the distribution of partner-seeking MSM, which will assist in better targeting future outreach efforts. The data generated from this pilot project will be critical to informing the development of better HIV risk-

reduction strategies related to sexual behavior *and* substance use among MSM who reside outside of major urban centers.

Role: Principal Investigator

NIMH R43 MH106361 Young and Hopkins (PIs) 9/9/2015 – 3/8/2017 (NCE)

*Semi-Automated Processing of Interconnected Dyads Using Entity Resolution (SPIDER)*

The overarching aim of this SBIR project is to develop and verify a new software system that will assist researchers in more rigorously constructing social networks. The software, Semi-automated Processing of Interconnected Dyads using Entity Resolution (SPIDER), will enable efficient, semi-automated network construction using a library of robust, statistically rigorous algorithms, rich desktop-based annotation tools, and secure web-based technologies. SPIDER will allow for multi-disciplinary utility in studies using varying designs and will include innovative features that respond to emerging methodological trends in HIV/STI research.

Role: Principal Investigator (multi-PI proposal with Christopher Hopkins)

NIH/NIDA R01 DA033862 Havens (PI) 9/1/2012-8/31/2016

*Epidemiologic Study of the Effectiveness of an ADF in Reducing Opioid Abuse*

The overall aim of this study is to determine the effect of the introduction of an abuse-deterrent extended-release oxycodone formulation on drug use patterns in a cohort of rural drug abusers.

Role: Co-Investigator/Analyst

Pilot Grant Program Young (PI) 5/1/2015-6/30/2016

University of Kentucky College of Public Health

*Improving methodology for risk network research among populations at high risk for bloodborne infection*

The overarching aim of the proposed study is to establish a more valid and reliable methodology to study the social networks of populations at high risk for sexual and bloodborne infections (STIs and BBIs, respectively). The specific aims are to examine correlates of the accuracy of ego's reported characteristics of network alters, to determine the impact of tie confirmation criteria on the structural properties of a risk network of Appalachian drug users, and to complete a systematic literature review examining the methodology used to construct sociometric networks in studies that assess drug use and/or sexual risk behavior.

Role: Principal Investigator

University of Kentucky College of Public Health Algarin (PI) 2/23/2016 - 6/30-2016

Just-in-Time Grant

*Utilizing MSM geosocial networking applications for HIV research in rural areas*

The project uses spatial data collection via geosocial networking applications to map the distribution of partner-seeking MSM in a rural Kentucky County. The data will assist in better targeting future outreach efforts for HIV prevention and treatment in this rural community.

Role: Faculty Mentor

R25 DA031608 (Fisher) Fisher (PI) 9/1/14 - 3/31/16

NIH/NIDA/Fordham University

*Ethical considerations for the collection of geographic data for HIV prevention research among illicit drug users*

The major goals of this project are to 1) describe the privacy and confidentiality concerns associated with different approaches used to collect geographic information from drug using populations in HIV-prevention and substance-use research and 2) assess how these concerns may influence the validity of participant responses.

Role: Consultant

Grant Holsinger (PI) 2/2016

Institute of International Education

*2016 Fulbright Global Health Innovations Seminar*

The 2016 Fulbright Global Health Innovations seminar is a benefit made available to first year Fulbright Foreign Students and is sponsored by the U.S. Department of State, Bureau of Educational and Cultural Affairs (ECA), as a part of its flagship Fulbright Program. This Seminar contributes to the overall mission of the Fulbright Program: to increase mutual understanding between the people of the United States and people of other countries. The 2015 Fulbright Global Health Innovations Seminar will explore a variety of public health topics and trends from a global perspective.

Role: Panel Moderator (0.13 cal. months)

SD12182014 Barnes (PI) 11/21/2014-4/30/2015

Institute of International Education

*2015 Fulbright Global Health Innovations Seminar*

The 2015 Fulbright Global Health Innovations seminar is a benefit made available to first year Fulbright Foreign Students and is sponsored by the U.S. Department of State, Bureau of Educational and Cultural Affairs (ECA), as a part of its flagship Fulbright Program. This Seminar contributes to the overall mission of the Fulbright Program: to increase mutual understanding between the people of the United States and people of other countries. The 2015 Fulbright Global Health Innovations Seminar will explore a variety of public health topics and trends from a global perspective.

Role: Co-Investigator (0.13 cal. months)

NIH R01 DA024598 Havens (PI) 4/5/08-1/31/2014

*Rural Drug Using Social Networks and HIV*

The overall aim of this study is to examine the prevalence, incidence and risk factors for HIV and other blood borne infections such as hepatitis B (HBV) and hepatitis C (HCV) among rural drug users using social network analysis and multilevel modeling.

Role: Data Analyst

NIH NCRR UL1RR033173 (PI: Kern) Havens (PI) 12/9/2011-6/9/2013

*Feasibility of implementing an HIV vaccine initiative among high-risk drug users in Appalachia*

The overall aims are to determine potential for HIV vaccine uptake under contingencies (e.g., efficacy, cost, dosing) and identify barriers to uptake; (2) determine the likelihood that vaccination will precipitate increased levels of HIV risk behavior (i.e., risk compensation); and (3) determine the likelihood that individuals will encourage their risk network members to receive the HIV vaccine (i.e., intravention).

Role: Co-investigator/Analyst

Internal grant (University of Kentucky) Young (PI) 06/2009-08/2009

*Influences and Attitudes on HPV Vaccine Acceptance in the Philippines*

The overall aim of this study was to examine demographic, behavioral, attitudinal, and sociocultural influences on HPV vaccine acceptance among men and women in the Philippines.

Role: Principal Investigator

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## PUBLICATIONS

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(\*Student authors indicated with an asterisk; Corresponding author underlined)

### Peer-Reviewed Articles

1. Crosby R, Benitez J, and **Young AM**. (2008) Correlates of Intent to be Vaccinated Against HPV: An Exploratory Study of Rural and Urban Young Males. *Health Education Monograph Series*. 25(2): 18-20.
2. **Young AM**, Ruble L, and McGrew J. (2009) Public vs. private insurance: Cost, use, accessibility, and outcomes of services for children with autism spectrum disorders. *Research in Autism Spectrum Disorders*.3:1023-1033. DOI: 10.1016/j.rasd.2009.06.006
3. Moore GR, Crosby RA, **Young AM**, Charnigo, R. (2010) Low Rates of Free Human Papillomavirus Vaccine Uptake Among Young Women. *Sexual Health* 7(3); 287-290. DOI: 10.1071/SH09136. PMID: 20719216
4. **Young AM**. (2010) HPV Vaccine Acceptance among Women in the Asian Pacific: A Systematic Review of the Literature. *Asian Pacific Journal of Cancer Prevention* 11(3):421-429. PMID: 21039030
5. **Young AM**, Havens J, Leukefeld C. (2010) Route of Administration for Illicit Prescription Opioids: A Comparison of Rural and Urban Drug Users. *Harm Reduction Journal* 7(24). DOI: 10.1186/1477-7517-7-24. PMID: 20950455
6. **Young AM**, Crosby RA, Jagger K, \*\*Richardson M, \*\*Kloha R, \*\*Safarian V. (2010) HPV Vaccine Acceptability among Women in the Philippines. *Asian Pacific Journal of Cancer Prevention* 11(3): 1781-1787. PMID: 21338233
7. Havens JR, **Young AM**, Havens, C. (2011) Nonmedical Prescription Drug Use among a Nationally Representative Sample of Adolescents: Evidence for Greater Use among Rural Adolescents. *Archives of Pediatrics & Adolescent Medicine* 165(3): 250-255. DOI: 10.1001/archpediatrics.2010.217. PMID: 21041587  

(Media reports on *cnn.com*, *time.com*, *sciencedaily.com*, *medpagetoday.com*, *modernmedicine.com*, *biosciencetechnology.com*, and more than 60 other websites)
8. **Young AM**, Crosby RA, Jagger K, Casquejo E, Pinote L, Casquejo L, Pinote L, Ybanez P, Estorgio D. (2011) Influences on HPV Vaccine Acceptance among Men in the Philippines. *Journal of Men's Health* 8(2): 126-135. doi:10.1016/j.jomh.2010.09.110.



9. Crosby RA, DiClemente RJ, Salazar LF, Wingood GM, Sales J, **Young AM**, Rose E. (2011) Predictors of Consistent Condom Use Among Young African American Women. *AIDS & Behavior* 17(3):865-871. PMID: 21796442. doi: 10.1007/s10461-011-9998-7
10. DiClemente RJ, **Young AM**, Painter JE, Sales JM, Rose E. (2011) Prevalence and Correlates of Recent Douching among African-American Adolescent Females. *Journal of Pediatric and Adolescent Gynecology* 25(1):48-53. DOI: 10.1016/j.jpag.2011.07.017. NIHMS336489. PMC3252400
11. **Young AM**, Glover N, Havens JR. (2012) Epidemiology of Nonmedical Prescription Drug Use among Rural Adolescents and Implications for Intervention. *The Prevention Researcher* 19(1): 7-9.
12. **Young AM**, Havens J, Leukefeld C. (2012) A Comparison of Rural and Urban Drug Users' Lifetime and Recent Drug Use. *American Journal of Drug and Alcohol Abuse*. 38(3):220-227. DOI: 10.3109/00952990.2011.643971. PMID: 22211586.
13. **Young AM**, Crosby RA, Casquejo E, Pinote L, Casquejo L, Pinote L, Ybanez P, Estorgio D. (2012) Young Men and Women's Attitudes Toward HPV Vaccination for Future Sons and Daughters: Findings from the Philippines. *International Journal of Child and Adolescent Health* 5(1): 23-36.  
*Also published as book chapter: Young AM, Crosby RA, Casquejo E, Pinote L, Casquejo L, Pinote L, Ybanez P, Estorgio D. (2014) The Philippines: Young Men and Women's Attitudes Toward HPV Vaccination for Future Sons and Daughters. In Merrick J, Tenenbaum A, Omar HA (Eds.) Adolescence and Sexuality: International Perspectives. New York: Nova Science Publishers. pp 161–175.*
14. **Young AM** and Havens JR. (2012) Transition from first illicit drug use to first injection drug use among rural Appalachian drug users: A cross-sectional comparison and retrospective survival analysis. *Addiction* 107(3): 587-596. DOI: 10.1111/j.1360-0443.2011.03635.x. PMID: 21883604
15. Crosby RA, Ricks J, **Young AM**. (2012) Condom Migration Resulting From Circumcision, Microbicides, and Vaccines: Brief Review and Methodological Considerations. *Sexual Health* 9(1): 96-102. DOI: 10.1071/SH11091. PMID: 22348637
16. **Young AM**, Glover N, Havens JR. (2012) Nonmedical Use of Prescription Medications among Adolescents in the United States: A Systematic Review. *Journal of Adolescent Health* 51(1): 6-17. DOI: 10.1016/j.jadohealth.2012.01.011. PMID: 22727071
17. Jonas AB, **Young AM**, Oser CB, Leukefeld CG, Havens JR. (2012) OxyContin® as Currency: OxyContin® Use and Increased Social Capital among Rural Appalachian Drug Users. *Social Science & Medicine* 74(10):1602-1609. DOI: 10.1016/j.socscimed.2011.12.053. PMID: 22465379.
18. McGladrey ML, Noar SM, Crosby RA, **Young AM**, Webb EM, Johnson S. (2012) Creating Project CREATE: Lessons learned in developing a web-based resource for public health practitioners. *American Journal of Health Education* 43(6):341-348. DOI: 10.1080/19325037.2012.10598864

19. Vissman AT, Young AM, Wilkin AM, Rhodes SD. (2012) Correlates of HAART adherence among immigrant Latinos in the southeastern United States. *AIDS Care* 25(3):356-363. DOI:10.1080/09540121.2012.701722. PMID: 22835082
20. DiClemente RJ and Young, AM. (2012) Commentary: Incentivizing drug-using women's long-term contraceptive use: some answers, more questions. *Addiction* 107(6): 1042-1043. DOI: 10.1111/j.1360-0443.2012.03783.x. PMID: 22563828
21. Young AM, Crosby R, Oser CB, Leukefeld CG, Stephens DB, Havens JR. (2012) Hepatitis C Viremia and Genotype Distribution among a Sample of Nonmedical Prescription Drug Users Exposed to HCV in Rural Appalachia. *Journal of Medical Virology* 84(9):1376-1387. DOI 10.1002/jmv.23252. PMID: 22825816
22. Crosby RA, Oser CB, Leukefeld, CG, Havens JR, Young AM. (2012) Prevalence of HIV and Risky Sexual Behaviors Among Rural Drug Users: Does Age Matter? *Annals of Epidemiology* 22(11):778-782. DOI: 10.1016/j.annepidem.2012.07.006. PMID: 22902042
23. Young AM, Jonas AB, Havens JR. (2013) Social networks and HCV viremia among anti-HCV positive rural drug users. *Epidemiology and Infection* 141(2):402-411. DOI:10.1017/S0950268812000696. PMID: 22717190
24. Young AM, Jonas AB, Mullins UL, Halgin DS, Havens JR. (2013) Network structure and the risk for HIV transmission among rural drug users. *AIDS and Behavior* 17(7):2341-2351. DOI: 10.1007/s10461-012-0371-2. PMID: 23184464
25. Brown J, Young AM, DiClemente RJ, Sales JM, Rose E, Wingood GM. (2014) Impact of abuse history on adolescent African American women's current HIV/STD-associated behaviors and psychosocial mediators of HIV/STD risk. *Journal of Aggression, Maltreatment, & Trauma*, 23(2):151-167. DOI:10.1080/10926771.2014.873511
26. Young AM, Larian N\*\*, Havens JR. (2014) Gender Differences in Circumstances Surrounding First Injection Experience of Rural Injection Drug Users in the United States. *Drug and Alcohol Dependence* 134(1):401-405. DOI: 10.1016/j.drugalcdep.2013.10.013. PMID: 24216393
27. Young AM, Rudolph A, Quillen D, Havens JR. (2014) Spatial, temporal, and relational patterns in respondent driven sampling: evidence from a social network study of rural drug users. *Journal of Epidemiology and Community Health* 68:792-798. doi:10.1136/jech-2014-203935. PMID: 24692631
28. Young AM, DiClemente RJ, Halgin DS, Sterk CE, Havens JR. (2014) Drug users' willingness to encourage social, sexual, and drug network members to receive an HIV vaccine: A social network analysis. *AIDS and Behavior* 18(9):1753-1763. doi 10.1007/s10461-014-0797-9. PMID: 24849621

29. **Young AM**, DiClemente RJ, Halgin DS, Sterk CE, Havens JR. (2014) HIV vaccine acceptability among high-risk drug users in Appalachia: A cross-sectional study. *BMC Public Health* 2014, 14:537 doi:10.1186/1471-2458-14-537. PMID: 24885970
30. **Young AM**, Halgin DS, DiClemente RJ, Sterk CE, Havens JR. (2014) Will HIV vaccination reshape HIV risk behavior networks? A social network analysis of drug users' anticipated risk compensation. *PLOS ONE* 9(7): e101047. doi:10.1371/journal.pone.0101047. PMID: 24992659
31. **Young AM**, Stephens DB, Khaleel H\*\*, Havens JR. (2015) Hepatitis C vaccine clinical trials among people who use drugs: potential for participation and involvement in recruitment. *Contemporary Clinical Trials* 41: 9-16. doi: 10.1016/j.cct.2014.12.015. NIHMSID: 652231.
32. **Rudolph AE, Young AM, Fuller C.** (2015) Assessing the geographic coverage and spatial clustering of illicit drug users recruited through respondent-driven sampling in New York City. *Journal of Urban Health* 92(2): 352-378. DOI: 10.1007/s11524-015-9937-4
33. **Young AM**, Halgin DS, Havens JR. (2015) Relationship-level analysis of drug users' anticipated changes in risk behavior following HIV vaccination. *AIDS Care*. 27(8): 1000-1004. DOI: 10.1080/09540121.2015.1017443
34. **Young AM**, Elliston A\*\*, Ruble LA. (2015) Attitudes toward childhood vaccination among parents of children with autism. *International Public Health Journal* 7(3):331-341.  

*Also published as book chapter: Young AM, Elliston A\*\*, Ruble LA.* (2015) Chapter 22: Parents of Children with Autism: Issues Surrounding Childhood Vaccination. In Merrick, J (Ed.) *Child and adolescent health issues (a tribute to the pediatrician Donald E Greydanus)*. New York: Nova Science. pp 239-252. ISBN: 978-1-63463-574-5.
35. **Stephens DB, Young AM, Mullins UL, Havens JR.** (2016) Correlates to seroprevalent herpes simplex virus type 2 among rural Appalachian drug users. *Journal of Medical Virology* 88(3):512-520. DOI: 10.1002/jmv.24358
36. **Smith RV\*\*, Young AM, Mullins UL, Havens JR.** (2016) Individual and network correlates of antisocial personality disorder among rural nonmedical prescription opioid users. *Journal of Rural Health* 33(2): 198-207. DOI: 10.1111/jrh.12184
37. Hofmeister M\*\*, Dao A\*\*, **Young AM.** (2016) Worsening stroke symptoms in an 80 year old man. *JAMA Neurology*. 73(8): 1017-1018. Published online June 06, 2016. doi:10.1001/jamaneurol.2016.0421
38. **Young AM**, Rudolph AE, Su AE\*\*, King L, Jent S, Havens JR. (2016) Accuracy of name and age data provided about network members in a social network study of people who use drugs: Implications for constructing sociometric networks. *Annals of Epidemiology* 26(11): 802-809. doi: 10.1016/j.annepidem.2016.09.010.
39. **Mark KP, Smith RV\*\*, Young AM, Crosby R.** (2017) Comparing Three-month Recall to Daily Reporting of Sexual Behaviours. *Sexually Transmitted Infections* 93(3):196-201. DOI:10.1136/sextrans-2016-052556.

40. Barber D\*\*, Casquejo E, Ybanez P, Pinote M, Casquejo L, Pinote L, Estorgio D, **Young AM**. (2017) Prevalence and Correlates of Antibiotic Sharing in the Philippines: Antibiotic Misconceptions and Community-Level Access to Nonmedical Sources of Antibiotics. *Tropical Medicine and International Health* 22(5):567-575. DOI: 10.1111/tmi.12854
41. **Rudolph AE, Young AM, Havens JR**. (2017) Examining the social context of injection drug use: social proximity vs. geographic proximity to others who inject drugs. *American Journal of Epidemiology*. Published online May 23, 2017. [doi.org/10.1093/aje/kwx162](https://doi.org/10.1093/aje/kwx162)
42. **Rudolph AE, Young AM, Havens JR** (2017) A rural/urban comparison of privacy and confidentiality concerns associated with providing sensitive location information in epidemiologic research involving persons who use drugs. *Addictive Behaviors* 74:106-111. <https://doi.org/10.1016/j.addbeh.2017.06.006>
43. Hofmeister MG\*\*, Havens JR, **Young AM**. (2017) Silence surrounding hepatitis C status in risk relationships among rural people who use drugs. *Journal of Primary Prevention* 38(5): 481-494. DOI 10.1007/s10935-017-0483-6.
44. **Stephens DB, Young AM, Havens JR**. (2017) Healthcare contact and treatment uptake following hepatitis C virus screening and counseling among rural Appalachian people who use drugs. *International Journal of Drug Policy* 47: 86-94. <https://doi.org/10.1016/j.drugpo.2017.05.045>
45. **Vickers Smith, R.\*\***, Boland, E.M., **Young, A.M.**, Lofwall, M.R., Quiroz, A.\*\*, Staton, M., Havens, J.R. (2017) A Qualitative Analysis of Gabapentin Misuse and Diversion Among People who Use Drugs in Appalachian Kentucky. *Psychology of Addictive Behaviors*. doi: 10.1037/adb0000337 [Epub ahead of print]
46. **Young AM**, Rudolph AE, Havens JR. (2018) Network-based Research on Rural Opioid Use: An Overview of Methods and Lessons Learned. Invited contribution to Special Issue in *Current HIV/AIDS Reports*. Published online first February 22, 2018: <http://link.springer.com/article/10.1007/s11904-018-0391-2>. DOI: 10.1007/s11904-018-0391-2
47. Algarin AB\*\*, Ward PJ\*\*, Christian WJ, Rudolph AE, Holloway IW, **Young AM**. (2018) Spatial distribution of partner-seeking men who have sex with men (MSM) using geosocial networking applications: An epidemiologic study. *Journal of Medical Internet Research* 20(5):e173. doi:10.2196/jmir.9919
48. **Friedman SR**, Williams L, **Young AM**, Teubl J, Paraskevis D, Kostaki E, Latkin C, German D, Mateu-Gelabert P, Guarino H, Vasylyeva TI. (2018) Network Research Experiences in New York and Eastern Europe: Lessons for the Southern US in Understanding HIV Transmission Dynamics. *Current HIV/AIDS Reports*, pp.1-10.
49. **Stone J**, Fraser H, Lim AG, Walker JG, Ward Z, MacGregor L, Trickey A, Abbott S, Strathdee SA, Abramovitz D, Maher L, Iversen J, Garfein RS, Yen Y-F, Azim T, Mehta SH, Milloy MJ, Hellard M, Sacks-Davis R, Aladashvili M, Tsertsvadze T, Mravčik V, Alary M, Roy E, Smyrnov P, Sazonova Y, **Young AM**, Havens JR, Hope VD, Desai M, Heinsbroek E, Hutchinson SJ, Palmateer NE, McAuley A, Platt L, Martin NK, Altice FL, Hickman M, Vickerman P. (in press) Incarceration history and risk of HIV and hepatitis

C virus acquisition among people who inject drugs: A systematic review and meta-analysis. *Lancet Infectious Disease*.

### **BOOK CHAPTERS**

1. Leukefeld CG, Marks K, **Young AM**, Stevens-Watkins D, Leach R. (2016). Behavioral Health and Substance Abuse. In Scutchfield D and Keck B (Eds.) *Principles of Public Health Practice*. 4th ed.
2. Havens JR and **Young AM**. (2010) Suicidal behavior among users of alcohol and illicit drugs. In Sher L, Vilens A (Eds.) *Suicidal Behavior in Alcohol and Drug Abuse and Dependence*. New York: Nova Science Publishers. pp 343-363.

### **TECHNICAL REPORTS**

1. Berkowitz RB, **Young AM**, Manthi LK, Musyoka PM, Mutiso VM, Mwangi MS, Nguru DM, Nthenge AM, Okoth MW, Ragaie MK, Mkutu A, Kiser M, Blevins JB, Thurman S. (January 2015). Assets and Partnerships in Mukuru: A Report on Mukuru on the Move's Work, 2008-2012. Emory University Rollins School of Public Health, Hubert Department of Global Health, Interfaith Health Program Reports. Available online at: <http://ihpemory.org/publications/ihp-reports/>.

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### **PRESENTATIONS AT PROFESSIONAL MEETINGS**

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(\*\*Student authors indicated with an asterisk; @ Denotes oral presentation)

#### **International Meetings**

1. **Young A**, Crosby RA, Jagger K, \*\*Richardson M, \*\*Kloha R, \*\*Safarian V. Influences and Attitudes on HPV Vaccine Acceptance among Males and Females in the Philippines. International Union Against Sexually Transmitted Infections (IUSTI) World Congress. November 2009. (Cape Town, South Africa)
2. @**Young AM** and DiClemente RJ. From Research to Market: Factors that Influence Uptake of the HPV Vaccine. Annual World Vaccine Congress. March 2011. (Beijing, China)
3. @ **Young AM**, Mullins UB, Halgin DS, Havens JR. Drug users' willingness to encourage risk network members to receive a HIV vaccine. International Network for Social Network Analysis Sunbelt Conference. May 2013. (Hamburg, Germany)
4. @**Young AM**, Quillen DW, Mullins UB, Havens, JR. Geospatial analysis of recruitment and retention patterns in a longitudinal social network study of rural drug users recruited using respondent driven sampling. Fourth International Workshop on Social Network Analysis: ARS 2013. June 2013. (Rome, Italy)

5. **Young AM**, DiClemente RJ, Halgin DS, Cooper HLF, Sterk CE, Havens JR. Drug users' willingness to encourage risk network members to receive a HIV vaccine and/or participate in HIV vaccine clinical trials: A social network analysis. 7th International AIDS Society Conference on HIV Pathogenesis, Treatment and Prevention. July 2013. (Kuala Lumpur, Malaysia)
6. **Young AM**, DiClemente RJ, Halgin DS, Cooper HLF, Sterk CE, Allen SA, Havens JR. Will HIV Vaccination Reshape HIV Risk Behavior Networks? A Social Network Analysis of Drug Users' Anticipated Risk Compensation. AIDS Vaccine 2013 Conference. October 9, 2013. (Barcelona, Spain)  
*Abstract (P11.06) published in AIDS Research and Human Retroviruses (November 2013, Vol. 29, No. 11, pp. A114).*
7. **Young AM**, Berkowitz RB, Kiser M, Cooper H, Manthi LK, Mkutu A, Musyoka PM, Mutiso VM, Mwangi MS, Nguru DM, Nthenge AM, Okoth MW, Ragae MK, Blevins JB. Interorganizational network analysis of assets in an informal settlement in Nairobi, Kenya: Implications for partnership in HIV prevention. International AIDS Conference. July 21, 2014. (Melbourne, Australia)
8. **Young AM**, Mullins UL, Jonas AB, Patel P\*\*, Havens J. Sensitivity of risk network structure to varying tie confirmation criteria: implications for the design and interpretation of HIV research involving social network analysis. International AIDS Conference. July 21, 2014. (Melbourne, Australia)
9. **@Young AM**, Su AE\*\*, Havens JR. Accuracy of Reported Names and Ages: Implications for Constructing Sociometric Drug and Sex Networks. International Network for Social Network Analysis Sunbelt Conference. June 2015. (Brighton, United Kingdom)
10. **@Young AM**, Rudolph AE, Havens JR. Assessing recall bias in network ties reported by people who use drugs. Oral presentation at the ARS 2017 Sixth International Workshop on Social Network Analysis. May 16, 2017. (Naples, Italy)
11. **@Rudolph AE, Young AM**, Havens JR. Rationale for a network-based overdose prevention program in rural Appalachia. Oral presentation at the ARS 2017 Sixth International Workshop on Social Network Analysis. May 16, 2017. (Naples, Italy)
12. Rudolph AE, **Young AM**, Havens JR. A rural/urban comparison of privacy and confidentiality concerns associated with providing sensitive location information in epidemiologic research involving persons who use drugs. Presentation at Geomed 2017 - International Conference on Spatial Statistics, Spatial Epidemiology, & Spatial Aspects of Public Health. September 2017. (Porto, Portugal)
13. Barbosa, C., Fraser, H., Hoerger, T., Leib, A., Evans, J., Havens, J., Nerlander, L., Page, K., **Young, A.**, Kral, A. and Zibbell, J.. Cost-effectiveness of scaling up Hepatitis C virus prevention, testing and treatment interventions among people who inject drugs in the US. *International Liver Conference*, April 2018 (Paris, France).

14. **Young AM**, Ballard AM, Haardörfer R, Cooper HLF. Recruitment methods for epidemiologic research on hepatitis c among rural young adults who inject drugs. Poster presentation at the International Network on Hepatitis in Substance Users (INHSU) Conference. September 2018. (Cascais, Portugal)
15. Cloud D\*\*, **Young AM**, Cooper HLF. Rural risk environment for Hepatitis C among young adults who use opioids in Appalachian Kentucky. Poster presentation at the International Network on Hepatitis in Substance Users (INHSU) Conference. September 2018. (Cascais, Portugal)

### **National Meetings**

1. Crosby RA, Benitez J, **Young A**. Correlates of intent to be vaccinated against HPV: An exploratory study of college-aged males. American Public Health Association Annual Meeting. November 2007. (Washington, DC)
2. @Crosby RA, Moore GR, **Young A**. Low Rates of Free Human Papillomavirus Vaccine Uptake Among College Women. Rural Center for AIDS/STD Prevention Conference. April 2009. (Bloomington, IN)
3. @**Young A**, Webb E, Crosby RA, Noar S. A Web-based Tool for Developing HIV Prevention Materials for Rural Communities. Rural Center for AIDS/STD Prevention Conference. April 2009. (Bloomington, IN)
4. **Young A**, Ruble LA, McGrew JH. Association of Insurance Type and Cost, Use, Accessibility, and Outcomes of Services for Children with ASD. International Meeting for Autism Research (IMFAR). May 2009. (Chicago, IL)
5. **Young A**, Ruble LA. Vaccines & Autism: A Parental Perspective. International Meeting for Autism Research (IMFAR). May 2009. (Chicago, IL)
6. @Webb E, **Young A**, Crosby RA, Noar S. A Web-based Tool for Developing HIV Prevention Materials for Rural Communities. Centers for Disease Control and Prevention. August 2009. (Atlanta, GA)
7. @Crosby RA, Moore G, Charnigo R, and **Young A**. Low rates of free Human Papillomavirus vaccine uptake among college women. American Public Health Association Meeting. November 2009. (Philadelphia, PA)
8. \*\*Kloha R, \*\*Safarian V, \*\*Richardson M, **Young A**, Jagger K. HPV Vaccine Acceptability among Males and Females in the Philippines: A Qualitative Study. American Public Health Association Annual Meeting. November 2010. (Denver, CO)
9. @**Young A**, Crosby RA, Jagger K, \*\*Kloha R, \*\*Safarian V, \*\*Richardson M. Correlates of HPV Vaccine Acceptance among Women in the Philippines. American Public Health Association Annual Meeting. November 2010. (Denver, CO)

10. Leukefeld CG, **Young AM**, Jonas A, Seaver R, Havens JR. Rural Drug Users' HIV Risk Behavior and Community Corrections Involvement: Is there an association? Annual Meeting & Scientific Sessions of Society of Behavioral Medicine. April 2011. (Washington, DC)
11. @**Young A**, Crosby RA. Findings about mothers, fathers, daughters, and sons: How can we best tailor HPV vaccine promotion messages? An example from the Philippines. Annual Meeting & Scientific Sessions of Society of Behavioral Medicine. April 2011. (Washington, DC)
12. DiClemente RJ, **Young AM**, Painter JE, Sales JM, Rose E. Prevalence and Correlates of Recent Douching among African-American Adolescent Females. Annual Meeting & Scientific Sessions of Society of Behavioral Medicine. April 2011. (Washington, DC)
13. @McGladrey ML, Noar SM, Crosby RA, **Young AM**, Webb E. Creating project CREATE: lessons learned and best practices for developing web-based resources for public health practitioners. Rural Center for AIDS/STD Prevention. April 2011. (Bloomington, IN)
14. Leukefeld CG, **Young AM**, Jonas A, Seaver R, Havens JR. Rural Drug Users' HIV Risk by Community Corrections Involvement. College of Problems on Drug Dependence. June 2011. (Hollywood, FL)
15. @**Young AM**, Brown J, DiClemente RJ, Sales JM, Rose E, Wingood GM. Impact of abuse history on adolescent African American females' current HIV/STD-associated behaviors and psychosocial mediators of HIV/STD risk. American Public Health Association Annual Meeting. November 2011. (Washington, DC)
16. Leukefeld CG, **Young AM**, Clevenger L, Havens JR. Changes in drug abuse patterns in a rural Kentucky county. SAMHSA Open Dialogue Meeting - IV. September 2011. (Washington, DC)
17. Bowler S, Chard A, Comstock T, **Young AM**. "Understanding the Effects of Religion on Public Health and Development Practice in Kenya". Emory University Global Health Institute. October, 2012. (Atlanta, GA)
18. @Jonas AB, Mullins U, **Young AM**, Halgin DS, Havens JR. HIV risk in rural drug users' social networks: A case study. International Network for Social Network Analysis Sunbelt Conference. March 2012. (Redondo Beach, CA)
19. @**Young AM**, Quillen D, Jonas AB, Havens JR. Geospatial properties of a risk network of rural drug users: implications for methodology and intervention. International Network for Social Network Analysis Sunbelt Conference. March 2012. (Redondo Beach, CA)
20. Piercey R, Pascale-Hague D, **Young AM**. Flipping the Classroom: Using Technology to Create Interactive Epidemiology and Biostatistics Modules. Demonstration at the Southern Group on Educational Affairs/Southern Group on Student Affairs (SGEA/SGSA) Meeting. April 2013. (Savannah, GA)



21. **Young AM**, Crosby RA, Casey BR, Havens JR. HIV vaccine acceptability among high-risk drug users living in a low-prevalence community. American Public Health Association Annual Meeting. November 2013. (Boston, MA)
22. @Berkowitz RB, **Young AM**, Kiser M, Cooper H, Manthi LK, Mkutu A, Musyoka PM, Mutiso VM, Mwangi MS, Nguru DM, Nthenge AM, Okoth MW, Ragae MK, Blevins JB. The Power of Partnership: a Mixed-method Community Exploration of Interorganizational Partnerships in a Nairobi Informal Settlement. American Public Health Association Annual Meeting. November 2013. (Boston, MA)
23. @**Young AM**, Mullins UL, Jonas AB, Havens J. Varying criteria for tie confirmation among free-listed alters in sociometric networks: Implications for network structure. International Network for Social Network Analysis Sunbelt Conference. February 2014. (St. Petersburg, Florida)
24. Mark K, Smith R\*\*, **Young AM**, Crosby RA. Understanding misclassification bias in sex research: Comparing three-month recall to daily reporting of sexual behaviors. Society for Scientific Study of Sexuality. November 13, 2015. (Albuquerque, New Mexico)
25. @**Young AM**, Hopkins C, Rudolph AE, Havens JR. Accuracy of egos' report of alters' drug use: Feasibility of using behavioral data to help resolve duplicates in sociometric risk networks. International Network for Social Network Analysis Sunbelt Conference. April 7, 2016. (Newport Beach, California)
26. @Hopkins C, **Young AM**. SPIDER<sup>®</sup>: New Technology for Constructing Sociometric Networks from Personal Network Data. International Network for Social Network Analysis Sunbelt Conference. April 6, 2016. (Newport Beach, California)
27. @Rudolph AE, **Young AM**, Havens JR. Peer influence on injection status: social proximity vs. geographic proximity. International Network for Social Network Analysis Sunbelt Conference. April 6, 2016. (Newport Beach, California)
28. Barber D\*\*, **Young AM**, Casquejo E, Ybanez P, Pinote M, Casquejo L, Pinote L, Estorgio D. Entertainment-education increases antibiotic knowledge among community leaders in the Philippines. Global Health & Innovation Conference. April 15, 2016 (New Haven, Connecticut).
29. @**Young AM**, Hopkins C, Borgatti SP, Friedman SR, Havens JR, Muth SQ, Rudolph AE. Connecting the dots: New approaches and software for determining linkages in transmission and risk networks. Oral presentation at American Public Health Association. November 2017 (Atlanta, GA)
30. Algarin A\*\*, Ward Patrick J, Christian J, Rudolph AE, **Young AM**. Spatial distribution of partner-seeking men who have sex with men (MSM) in a mid-size city in the South: An epidemiologic study of MSM using geosocial networking applications. Poster presentation at American Public Health Association. November 2017 (Atlanta, GA)

31. Knudsen HK, Lofwall MR, Walsh SL, **Young AM**, Havens JR. Health reform and health insurance among persons who use drugs in Eastern Kentucky. Poster presentation at the College on Problems of Drug Dependence (CPDD) 80th Annual Scientific Meeting. June 2018 (San Diego, CA)

### **Regional Meetings**

1. **\*\*Safarian V, \*\*Richardson M, \*\*Kloha R, Young A, and Jagger K.** Attitudes Toward and Influences on HPV Vaccine Acceptance among Male and Female Filipinos. Kentucky Academy of Science Annual Meeting. November 2009. (Covington, KY)
2. **Young A** and Havens J. Validity of Self-reported Drug Use among an Out-of-treatment Sample of Rural Drug Users. Kentucky Public Health Association. March 2010. (Louisville, KY).
3. Fitzgerald, B\*\*, **Young AM**, Ybanez P, Casquejo E, Pinote M, Casquejo L, Pinote L, Estorgio D. Using an iPad application to map potential dengue risk in the Philippines: A description of implementation and lessons learned. Poster presentation at the 6<sup>th</sup> Regional Global Health Conference. April 17, 2015 (Louisville, Kentucky).
4. Dao AN\*\*, **Young AM**, Thornton AC. Technology Changing Transmission: Examining Social Media in Sex & Drug-related Networks of Men who have Sex with Men (MSM) in Lexington, KY. Poster presentation at the 2015 Kentucky Statewide Conference on HIV/AIDS. July 29, 2015 (Louisville, Kentucky).
5. **Young AM**, Havens JR. Research on HCV and Substance Abuse in Eastern KY. Shaping our Appalachian Region (SOAR) Hepatitis C town hall meeting. Kentucky Department for Public Health. July 28, 2016. (Hazard, Kentucky)
6. Algarin A\*, **Young AM**. Data from geosocial networking applications used by men who have sex with men (MSM): A valuable resource for geotargeting prevention and outreach in Kentucky. 2016 Kentucky Conference on HIV/AIDS. October 3-4, 2016. (Lexington, KY)
7. **Young AM**. Social network analysis as a teaching tool: an example assignment on social determinants of HIV infection. Kentucky Pedagogicon Conference. May 20, 2016. (Richmond, Kentucky)

### **Invited, Non-refereed Presentations**

1. **Center for Clinical and Translational Science - University of Kentucky** (Lexington, KY). "A Social Network Analysis of Consequences and Dissemination Strategies for HIV Vaccination among Drug Users in Eastern Kentucky". September 18, 2013.

2. **University of Bristol** (Bristol, United Kingdom). "Will HIV Vaccination Reshape HIV Risk Behavior Networks? A Social Network Analysis of Drug Users' Anticipated Risk Compensation". October 21, 2013. Presentation described at: <http://www.bristol.ac.uk/infection-immunity/seminars/2013/208.html>.
3. **Center for Clinical and Translational Science - University of Kentucky** (Lexington, KY), Biology, Epidemiology and Research Design (BERD) Pizza and Pilots Seminar. "Network Analysis in Health Research: Applications, Opportunities, and Challenges". January 26, 2015.
4. **LINKS Center Workshop on for Social Network Analysis** (Lexington, KY). Instructional Mini-Module: "Connecting the Dots: How to Construct Sociometric Networks from Personal Network Data". June 2, 2015.
5. **Fulbright Global Health Innovations Seminar** (Hosted by the University of Kentucky with funding from the Institute of International Education) (Lexington, KY). Moderator for Panel Discussion: "Innovative Business Models that Leverage 'Conscious Consumerism': Perspectives on Impact on Global Health and Community Development." February 26, 2015.
6. **University of Kentucky College of Public Health Panel Session.** (Lexington, KY) "Balancing Individual Liberties and Public Health in the Childhood Vaccination Policy Debate". Panelist. March 31, 2015.
7. **University of Kentucky College of Public Health Lunch and Learn Series.** (Lexington, KY) "Publish Together, Perish Together? Strategies for Faculty and Student Co-authorship and Publishing". Panelist. September 25, 2015.
8. **Center for Drug Abuse Research Translation (CDART)** – University of Kentucky (Lexington, KY). "Utilizing Social Network Analysis in Substance Abuse Research: The Social Networks among Appalachian People (SNAP) Cohort." December 7, 2015.
9. **University of Kentucky Global Health Alliance** – University of Kentucky (Lexington, KY). "Reflecting on interests and efforts in global health." January 27, 2016.
10. **Center for Drug Abuse Research Translation (CDART)** – University of Kentucky (Lexington, KY). "Beyond the Peer: Network Based Determinants of Risk among Adolescents." February 22, 2016.
11. **Fulbright Global Health Innovations Seminar** (Hosted by the University of Kentucky with funding from the Institute of International Education) (Lexington, KY). Moderator for Panel Discussion: "HIV/AIDS, Malaria, and Other Diseases." February 25, 2016.
12. **LINKS Center Workshop on for Social Network Analysis** (Lexington, KY). Instructional Mini-Module Workshop and Software Demonstration: "Connecting the Dots Construct Sociometric Networks from Personal Network Data using SPIDER<sup>®</sup> software". June 7, 2016.

13. **Charles River Analytics** (Cambridge, MA). "Entity Resolution, Infectious Disease, and Network Analysis: Current Challenges and Opportunities for Innovation." Oral presentation at Charles River Analytics, Inc. August 2, 2016.
14. **Young AM.** Evolution of SPIDER<sup>®</sup>: Journey to and through SBIR funding. University of Kentucky Venture Studio Advisory Board Meeting. August 10, 2016. (Lexington, Kentucky)
15. **University of Kentucky College of Public Health Lunch and Learn Series.** (Lexington, KY) "Best Practices for Faculty/Student Research Collaborations". Panelist. September 14, 2016.
16. **Young AM.** "Connecting the Dots: Methods for Identifying Infectious Disease Transmission Networks". Invited presentation at University of Kentucky Infectious Disease Research Day. October 11, 2016. (Lexington, KY)
17. **Young AM.** "Opioids: The Prescription Drug and Heroin Epidemic". Moderator for a Discussion via Zoom with Dr. Christopher Jones, Director, Division of Science Policy, Office of the Assistant Secretary for Planning and Evaluation, U.S. Department of Health and Human Services. April 4, 2017. (Lexington, KY)
18. **Young AM.** "Sexual and Drug Co-usage Partnerships among Men who have Sex with Men (MSM): A Pilot Study on the Influence of Mobile Apps and on the Spatial Distribution of Partner-seeking MSM". Invited presentation at the University of Kentucky Center for Clinical and Translational Science K-Club Meeting. May 2, 2017. (Lexington, KY)
19. **Young AM.** "Addressing the Opioid Epidemic". Invited presentation and panelist at the Center for Animal and Human Health in Appalachia Annual Conference. October 5, 2017. (Lexington, KY)
20. **Young AM.** "Recruitment in 'hard to reach' populations: Lessons learned from a study involving men who have sex with men". UK Center for Clinical and Translational Sciences Participant Recruitment Services Workshop. October 19, 2017. (Lexington, KY)
21. **Young AM.** "Recruitment in 'hard to reach' populations: Lessons learned from a study involving men who have sex with men". UK Center for Clinical and Translational Sciences Community Engagement Core External Advisory Committee Meeting. November 17, 2017. (Lexington, KY)
22. **Young AM.** "Constructing Quasi-Sociometric Network Data from Survey Data". Invited presentation (via Skype) in PH 729 "Social Network Analysis for Public Health Research" course at Boston University School of Public Health. October 30, 2017. (Boston, MA)

23. **Young AM.** “Connecting the Dots: Methods for Collecting and Constructing Network Data from People Who Use Drugs”. Center for Drug Use and HIV/HCV Research and New York University. December 7, 2017. (New York City, NY).
24. **Young AM.** “Lessons learned from pilot research involving 'hard to reach' populations”. University of Kentucky Center for Clinical and Translational Science. April 12, 2018. (Lexington, KY)
25. **Young AM,** Cooper HLF, and Ballard AM. “Strategies for recruitment, data collection, and HIV testing in rural opioid research: Opportunities and challenges”. University of Kentucky Center for Clinical and Translational Science Spring Conference. April 13, 2018. (Lexington, KY)
26. **Young AM.** Panelist on “Big Data Panel”. State and Research University Partnerships in the Opioid Crisis Meeting hosted by Duke University Policy Bridge and Association for Public Policy Analysis and Management. May 1, 2018. (Durham, NC)
27. **Young AM.** Panelist on "Opioid Misuse in Kentucky: A Focus on Vulnerability" Roundtable Discussion hosted by United States Department of Agriculture (USDA). May 9, 2018. (Berea, KY)

### **Professional Exhibitions**

1. **Young AM,** Hopkins C, Eddens K. SPIDER© and OpenEddi™: Network Tech. Exhibition Booth #1205 at American Public Health Association Annual Conference. November 2017 (Atlanta, GA)

### **Mentored Student Presentations**

1. Choate R\*\*. Factors associated with HIV transmission knowledge among youth in Tbilisi, Georgia: results of the Youth Behavioral Survey. 9th Annual Center for Clinical and Translational Sciences Spring Conference. April 2014 (Lexington, Kentucky).

*\*Received Best Oral Presentation Award at College of Public Health Research Day*

2. Dao AN\*\*, **Young AM,** Thornton AC. Exploring of Social Media and Mobile Apps in Sexual Drug-related Networks of Men who have Sex with Men (MSM): Plans for Recruitment and Data Collection. AOA Groves Memorial MD/PhD Program – Student Research Symposium. February 3, 2015 (Lexington, Kentucky).
3. Dao AN\*\*, **Young AM,** Thornton AC. Exploring of Social Media and Mobile Apps in Sexual Drug-related Networks of Men who have Sex with Men (MSM): Plans for Recruitment and Data Collection. Poster presentation at the 10th Annual Center for

Clinical and Translational Sciences Spring Conference. March 25, 2015 (Lexington, Kentucky).

4. Su AE\*\*, **Young AM**, Rudolph AE, King J, Jent S, Havens JR. Evaluation of methodology used in risk network research among populations engaging in sexual and drug-related risk behavior. 11th Annual Center for Clinical and Translational Science Spring Conference. April 21, 2016 (Lexington, Kentucky).
5. Algrin A\*\*, **Young AM**. Spatial distribution of partner-seeking men who have sex with men (MSM): An epidemiologic study using MSM geosocial networking applications. 11th Annual Center for Clinical and Translational Science Spring Conference. April 21, 2016 (Lexington, Kentucky).

*\*Received Best Poster Presentation Award at College of Public Health Research Day*

6. @Kangbai JB\*\*, **Young AM**. Social network analysis of cellphone surveillance data for Ebola in Sierra Leone. 11th Annual Center for Clinical and Translational Science Spring Conference. April 21, 2016 (Lexington, Kentucky).
7. @Barber D\*\*, **Young AM**, Casquejo E, Ybanez P, Pinote M, Casquejo L, Pinote L, Estorgio D. Correlates of Antibiotic Diversion in the Philippines: Misconceptions and Community-Level Access to Nonmedical Sources of Antibiotics. 11th Annual Center for Clinical and Translational Science Spring Conference. April 21, 2016 (Lexington, Kentucky).

*\*Received Runner-up for Best Oral Presentation Award at College of Public Health Research Day*

8. @Hofmeister, MG\*\*, **Young AM**, Havens JR. Correlates of Hepatitis C Serostatus Disclosure in Rural Appalachian Kentucky. 11th Annual Center for Clinical and Translational Science Spring Conference. April 21, 2016 (Lexington, Kentucky).

## **Guest Lectures**

1. **Emerson College** (Boston, MA) Course: HC200 – 'Principles and Practices of Health Communication'. "Global citizenship and health communication in a global context: Examples from the 2004 Asian Tsunami". March 28, 2012.
2. **Emerson College** (Boston, MA) Course: HC200 – 'Principles and Practices of Health Communication'. "Encouragement, discouragement, and disclosure: HIV vaccine communication patterns and normative influence in a social network of drug users". April 8, 2013
3. **Emory University** (Atlanta, GA) Course: UNIV700R 'Network Science: Theory, Methods, and Applications'. "The messy side of social network analysis: Tie confirmation among free-listed alters in sociometric networks". April 15, 2013

4. **CPH612 - 'Infectious Disease Epidemiology' - University of Kentucky** (Lexington, KY). "Epidemiology of Sexually Transmitted Infections". October 10, 2013.
5. **Transylvania University** (Lexington, KY). Course: IDS-2334 'Global Health'. "Local Health Disparities in the Context of Global Health". March 4, 2014.
6. **CPH644 'Rural Health Disparities' – University of Kentucky** (Lexington, KY). "Nonmedical Prescription Drug Use, Hepatitis C, and HIV Risk in Rural Central Appalachia". March 27, 2014.
7. **CPH778 'Special Topics in Public Health: Clinical Preventative Services' – University of Kentucky** (Lexington, KY). "Sexually transmitted infections, viral hepatitis, and a biosocial perspective on HIV in the United States". June 19, 2014.
8. **FM815/825 'Introduction to Global Health' – University of Kentucky** (Lexington, KY). "Juxtaposition of Local and Global Health Disparities: A Context for Reflection". September 18, 2014.
9. **CPH644 'Rural Health Disparities' – University of Kentucky** (Lexington, KY). "Hepatitis C, and HIV Risk in Rural Central Appalachia: The Role of Nonmedical Prescription Drug Use". March 25, 2015.
10. **CPH 605 'Introduction to Epidemiology' – University of Kentucky** (Lexington, KY) "Introduction to Infectious Disease Epidemiology". May 13, 2015.
11. **CPH 604 'Principles of Disease Prevention' – University of Kentucky** (Lexington, KY) "Overview of the Transtheoretical Model of Change". October 13, 2015.
12. **CPH 310 'Disease Detectives' – University of Kentucky** (Lexington, KY). "Social Epidemiology and Social Network Analysis." November 30, 2015.
13. **CPH 310 'Disease Detectives' – University of Kentucky** (Lexington, KY). "Social Epidemiology and Social Network Analysis." November 9, 2016.
14. **CPH 647 'Research Methods' - University of Kentucky** (Lexington, KY). "Overview of the Publishing Process." January 30, 2017.
15. **CPH 712 'Advanced Epidemiology' – University of Kentucky** (Lexington, KY). "Longitudinal Research: An example from research on drug use, HIV, and HCV in Appalachia." February 9, 2017.
16. **CPH 310 'Disease Detectives' – University of Kentucky** (Lexington, KY). "Social Epidemiology and Social Network Analysis." April 19, 2017.
17. **CPH778 'Special Topics in Public Health: Clinical Preventative Services' – University of Kentucky** (Lexington, KY). "Sexually transmitted infections, viral hepatitis, and a perspective on HIV in the United States". August 25, 2017.

18. **CPH 763-001 ‘Ethics for Public Health’** – University of Kentucky (Lexington, KY). “Ethical considerations in research on infectious disease risk networks”. September 21, 2017.
19. **CPH 463 ‘Health of Kentuckians’** – University of Kentucky (Lexington, KY). “Substance Use and HIV: Appalachia at Risk”. October 4, 2017.
20. **CPH 310 ‘Disease Detectives’** – University of Kentucky (Lexington, KY). “Social Epidemiology and Social Network Analysis.” November 20, 2017.
21. **CPH612 - ‘Infectious Disease Epidemiology’ - University of Kentucky** (Lexington, KY). "Epidemiology of Sexually Transmitted Infections". February 14, 2018.
22. **CPH 672 ‘Evidence-based Public Health’** – University of Kentucky (Lexington, KY). “Harm Reduction Programs.” February 19, 2018.
23. **CPH612 - ‘Infectious Disease Epidemiology’ - University of Kentucky** (Lexington, KY). "Epidemiology of Bloodborne Infections". April 4, 2018.
24. **CPH 310 ‘Disease Detectives’** – University of Kentucky (Lexington, KY). “Social Epidemiology and Social Network Analysis.” April 4, 2018.

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## INTELLECTUAL PROPERTY

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Invention: Semi-Automated Processing of Interconnected Dyads Using Entity Resolution (SPIDER): Prototype and Proposed Software (ID: INV14/2011)

Disclosed to University of Kentucky Intellectual Property Development Office: March 18, 2014

Approved by University of Kentucky Intellectual Property Development Office: July 1, 2014

Role: Primary Inventor (Contribution: 75%)

Co-inventors: Jennifer R. Havens (15%), Ursula Mullins (5%), Adam Jonas (5%).

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## TEACHING

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|-------------|---|
| Fall 2011   | <b>BSHE 517 - ‘Behavioral Epidemiology’</b><br>Department of Behavioral Science and Health Education<br><i>Emory University Rollins School of Public Health</i><br>Teaching Assistant (Primary Instructor: Nancy Thompson, PhD) |
| Spring 2012 | <b>BSHE 560R – ‘Grant Writing’</b><br>Department of Behavioral Science and Health Education<br><i>Emory University Rollins School of Public Health</i><br>Teaching Associate (Primary Instructor: Delia Lang, PhD)              |
| Fall 2012   | <b>BIO 2424.01 / ANTH 3204.01 / PE 2294.01 - ST - ‘Social and Behavioral Epidemiology’</b>  |



- Departments of Biology, Exercise Science, and Anthropology  
*Transylvania University*  
Adjunct Instructor (Primary)  
Enrollment: 16 students
- Spring 2013 BIO 4212- 'Independent Research'  
Department of Biology  
*Transylvania University*  
Supervisor (Faculty of Record: Belinda Sly, PhD)
- Fall 2012/  
Spring 2013 MD 811 – ‘Introductory to Clinical Medicine I’  
Department of Behavioral Science  
*University of Kentucky College of Medicine*  
Secondary Small Group Instructor (Primary Instructor: Jennifer Havens, PhD)
- Fall 2012 /  
Spring 2013 Epidemiology and biostatistics curricula for first-year medical students  
*University of Kentucky College of Medicine, Department of Behavioral Science*  
Developer of Online Instructional Content (Supervisor: John F. Wilson, PhD)
- Spring 2014 CPH365 – 'Interprofessional Teamwork in Global Health'  
*University of Kentucky Colleges of Health Sciences, Medicine, Nursing, Pharmacy, Dentistry, and Public Health and Center for Interprofessional Healthcare*  
Co-facilitator (Course Coordinator: Jim Ballard, MS)  
Enrollment: 68 students overall, 7 in group facilitated
- Fall 2014 CPH 612 - 'Infectious Disease Epidemiology'  
*University of Kentucky College of Public Health, Department of Epidemiology*  
Primary Instructor  
Enrollment: 24 students
- Spring 2015 BIO 4212- 'Independent Research'  
*Transylvania University, Department of Biology*  
Supervisor (Faculty of Record: Kathleen Jagger, PhD)
- Spring 2015 CPH 778-002 – 'Interprofessional Teamwork in Global Health'  
*University of Kentucky Colleges of Health Sciences, Medicine, Nursing, Pharmacy, Dentistry, and Public Health and Center for Interprofessional Healthcare*  
Co-facilitator (Course Coordinator: Jim Ballard, MS)  
Enrollment: 62 students overall, 6 in group facilitated
- Spring 2015 CPH 751 – ‘Introduction to Global Public Health’  
*University of Kentucky College of Public Health*  
Primary Instructor  
Enrollment: 18 students
- Fall 2015 CPH 612 - 'Infectious Disease Epidemiology'  
*University of Kentucky College of Public Health, Department of Epidemiology*  
Co- Primary Instructor  
Enrollment: 25 students
- Spring 2016 CPH 751 – ‘Introduction to Global Public Health’

- University of Kentucky College of Public Health*  
Co-Faculty of Record (taught by supervised teaching assistant)  
Enrollment: 15 students
- Spring 2016 CPH 410 - 'Epidemiology in the Web of Causation: People, Place, and Politics'  
*University of Kentucky College of Public Health*  
Primary Instructor  
Enrollment: 31 students
- Fall 2016 CPH 612 - 'Infectious Disease Epidemiology'  
*University of Kentucky College of Public Health, Department of Epidemiology*  
Primary Instructor  
Enrollment: 18 students
- Fall 2016 MED 863 - 'Research Elective'  
*University of Kentucky College of Medicine*  
Supervisor/Mentor  
Enrollment: 1 student
- Summer 2017 CPH 719-027 - 'Independent Study - Social Network Analysis' (3 credits)  
*University of Kentucky College of Public Health*  
Primary Instructor  
Enrollment: 1 student
- Fall 2018 CPH 719-027 - 'Independent Study – Epidemiology of the Opioid Crisis' (3 credits)  
University of Kentucky College of Public Health  
Primary Instructor  
Enrollment: 1 student
- Fall 2018 CPH 410 - 'Epidemiology in the Web of Causation: People, Place, and Politics'  
University of Kentucky College of Public Health  
Primary Instructor  
Enrollment:

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## **STUDENT ADVISING and MENTORING**

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### **MPH Student Capstone Committee Chair**

- April 2014 Radmila Choate  
“Factors associated with HIV transmission knowledge among youth in Tbilisi, Georgia: results of the Youth Behavioral Survey”\*  
\* *Received International Service Award, University of Kentucky College of Public Health*  
*University of Kentucky*
- May 2014 Ari Sari  
“Factors related to HIV testing among Waria”  
*University of Kentucky*
- May 2015 Yvette Achuo-Egbe, MD, MS

- "Regional Differences of Hepatitis C Virus Infection in Kentucky"  
*University of Kentucky*
- February 2016 Daniel Barber  
"Antibiotic Diversion in the Philippines"  
*\*Received International Service Award, University of Kentucky College of Public Health*
- March 2016 Megan Hofmeister, MD  
"Disclosure of HCV Status among People who Use Drugs in Appalachia"  
*University of Kentucky*
- April 2016 Jia B. Kangbai  
"Network Analysis of Phone-based Surveillance of Ebola"  
*University of Kentucky*
- April 2017 Angel Algarin  
"Spatial distribution of partner-seeking men who have sex with men (MSM): An epidemiologic study of MSM geosocial networking application users"  
*University of Kentucky*

**MPH Student Capstone Committee Member**

- July 2016 Whitney L. Rémy  
"The Association Between Latent Tuberculosis Infection and Diabetes Mellitus Control in the United States"  
*University of Kentucky*
- April 2018 Jessica Morehouse  
"Select Antimicrobial Resistance Trends in Kentucky's Bovine Population and Antibiogram Development"  
*University of Kentucky*

**Doctoral Dissertation Committee Member**

- April 2016 Nigel D. Haarstad  
"Instructional Messages for Effective Risk Communication: The IDEA Model and Earthquake Early Warning"  
Department of Communication  
*University of Kentucky*  
Role: Member, Doctoral Dissertation Advisory Committee
- November 2016 Rachel V. Smith, MPH  
"Gabapentin: An emerging drug of abuse"  
Department of Epidemiology  
*University of Kentucky*  
Role: Member, Doctoral Dissertation Advisory Committee
- November 2017 Joshua Lambert  
"An exploratory statistical method for finding interactions in a large dataset with an application toward periodontal disease"  
Department of Epidemiology  
*University of Kentucky*

Role: Member, Doctoral Dissertation Advisory Committee

**Faculty Mentor for Funded Student Projects/Fellowships**

- 2009 – 2010 Vika Safarian, Ruth Kloha, Morgan Richardson  
Kenan Grant Undergraduate Research Program  
*Transylvania University*  
Role: Research Mentor
- 2014 – 2015 Angela Dao  
Clinical and Translational Science Professional Student Mentored Research  
Fellowship  
*University of Kentucky*  
Role: Faculty Mentor
- 2015 Daniel Barber and Joshua Tiller  
Clinton Global Initiative University (CGI U) Commitment to Action  
Project: "Addressing the Misuse of Antibiotics in the Philippines through the  
Visual and Performing Arts"  
*\*Presented at the 2016 Global Health and Innovation Conference hosted by  
Yale University (April 2016)*  
*University of Kentucky*  
Role: Faculty Mentor
- 2015 Alexa Quiroz  
"A Qualitative Study of Gabapentin Abuse in Appalachia"  
*Transylvania University's Summer Research Fund Grant*  
Role: Faculty Mentor
- 2015 - 2016 Amanda Su  
Clinical and Translational Science Professional Student Mentored Research  
Fellowship  
*University of Kentucky*  
Role: Faculty Mentor
- 2015 - 2017 Angel Algarin  
Lyman T. Johnson Fellow  
*\*Received Emerging Leader Award at the Transforming Health Conference  
(Columbus, OH)*  
*University of Kentucky*  
Role: Faculty Mentor

**Other Student Committees**

- December Portia Watson  
2015 Patterson School Comprehensive Examination Committee  
*University of Kentucky Patterson School of Diplomacy*  
Role: Minor Studies (Global Health) Examiner
- April 2016 Xialing Lin  
Doctoral Dissertation Committee, Department of Communication  
"Social Media and Credibility Indicator: The Effects of Bandwagon and

Identity Cues within Online Health and Risk Contexts"  
*University of Kentucky College of Arts and Sciences*  
 Role: Outside Examiner

September 2017 Eric Haak  
 Doctoral Dissertation Committee, Department of Psychology  
 "Risk Factors for Abuse of Prescription Stimulants in College Students: A Dissertation"  
 University of Kentucky College of Arts and Sciences  
 Role: Outside Examiner

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**SERVICE**

†University-level service; ‡College-level service, §Departmental service

**University/Academic Service**

2018 - present Substance Use Research Day Conference Planning Committee, *University of Kentucky*

2018 - present Collegiate Recovery Community Advisory Council, *University of Kentucky*

2017 - present Substance Use Disorder Recruitment Committee, *University of Kentucky College of Pharmacy*

2016 – present Academic Affairs and Assessment Committee, ‡ *University of Kentucky College of Public Health*

2017 University of Kentucky DC Fly-in on Opioid Epidemic†, *University of Kentucky*

2017 Hiring Committee for Recruiting and Admissions Coordinator, ‡ *University of Kentucky College of Public Health*

2017 Co-lead for CEPH Self Study for Academic Affairs and Assessment Committee, ‡ *University of Kentucky College of Public Health*

2017 Task Force on Peer Evaluation of Faculty Teaching, ‡ *University of Kentucky College of Public Health*

2016 PhD Admissions Committee§, *University of Kentucky College of Public Health, Department of Epidemiology*

2015 – 2016 Assistant Director of Global Health Training and Research‡, *University of Kentucky College of Public Health*

2014 – 2016 Research Committee (Chair)‡, *University of Kentucky College of Public Health*

2014 – 2016 Global Health Committee‡, *University of Kentucky College of Public Health*

2014 – 2016 Shoulder to Shoulder Global Program and Research Committee†, *University of Kentucky*

2014 – 2016 Global Health Advisory Committee†, *University of Kentucky*

2015 Global Health Case Competition Planning Committee†, *University of Kentucky*

2015 Faculty Mentor, Emory International Global Health Case Competition†, *University of Kentucky*

2014, 2016 Selection Committee for Annual Faculty Teaching Awards‡, *University of*

*Kentucky College of Public Health*  
2014 – 2015 Alumni Relations Committee<sup>‡</sup>, *University of Kentucky College of Public Health*  
2014 Undergraduate Retention Committee<sup>‡</sup>, *University of Kentucky College of Public Health*  
2014 Mentor/Judge, Annual Center for Clinical and Translational Science Spring Conference<sup>‡</sup>, *University of Kentucky College of Public Health*  
2012 - 2014 Selection Committee for Yale University Interdisciplinary Institute for Bioethics Summer Internship Program, *Transylvania University*  
2010 - 2012 Student Representative, Doctoral Programming Committee<sup>§</sup>, *Emory University Department of Behavioral Sciences and Health Education*

**Service to Public**

2016 - present Advisory Council for the Center for Health and Human Services Research, *Talbert House* (Cincinnati, OH)  
2015 - present Kentucky HIV/AIDS Planning and Advisory Council, *Kentucky Department of Public Health*

**Service to Profession**

2013 Item Writer for Certified in Public Health Exam, *National Board of Public Health Examiners*  
2018 Abstract Reviewer, *International Network on Hepatitis in Substance Users 7th International Symposium*

**Grant Review**

2016 University of Nebraska, External Reviewer  
2016 University of Kentucky Center for Clinical and Translational Sciences, Multidisciplinary Value Program, Reviewer  
2017 University of Kentucky Center for Clinical and Translational Sciences, Pilot and Innovation Research Program, Reviewer  
2017 National Institute of Health (NIH) Special Emphasis Panel / Scientific Review  
2018 Kentucky Science and Technology Corporation SBIR/STTR Phase Zero/Double Zero Program  
2018 University of Kentucky Center for Clinical and Translational Sciences, Pilot and Innovation Research Program, Reviewer  
2018 National Institute of Health (NIH) Special Emphasis Panel / Scientific Review

**Ad Hoc Journal Review ([publons.com/a/651879/](https://publons.com/a/651879/))**

Journal \*Number of reviews per year in superscript  
*Epidemiology* (2015<sup>1</sup>,2018<sup>2</sup>)

Reviews  
3

<i>Field Methods</i> (2018 <sup>1</sup> )	1
<i>International Journal of Drug Policy</i> (2011 <sup>1</sup> , 2013 <sup>1</sup> , 2015 <sup>2</sup> , 2016 <sup>2</sup> , 2017 <sup>1</sup> , 2018 <sup>1</sup> )	7
<i>AIDS &amp; Behavior</i> (2012 <sup>1</sup> , 2013 <sup>1</sup> , 2017 <sup>1</sup> , 2018 <sup>1</sup> )	4
<i>Journal of Psychoactive Drugs</i> (2013 <sup>1</sup> , 2014 <sup>1</sup> , 2018 <sup>1</sup> )	3
<i>British Medical Journal Open</i> (2018 <sup>2</sup> )	2
<i>Journal of Rural Health</i> (2015 <sup>1</sup> , 2016 <sup>1</sup> , 2017 <sup>1</sup> , 2018 <sup>1</sup> )	4
<i>Drug and Alcohol Dependence</i> (2009 <sup>1</sup> , 2010 <sup>1</sup> , 2013 <sup>1</sup> , 2014 <sup>2</sup> , 2015 <sup>1</sup> , 2016 <sup>1</sup> , 2018 <sup>1</sup> )	8
<i>Social Science &amp; Medicine</i> (2017 <sup>1</sup> )	1
<i>Substance Use &amp; Misuse</i> (2017 <sup>1</sup> )	1
<i>Health Education &amp; Behavior</i> (2017 <sup>1</sup> )	1
<i>Scientific Reports</i> (2017 <sup>1</sup> )	1
<i>Network Science</i> (2016 <sup>2</sup> )	2
<i>Pediatrics</i> (2015 <sup>1</sup> )	1
<i>Contemporary Clinical Trials</i> (2015 <sup>1</sup> , 2016 <sup>1</sup> )	2
<i>Psychology, Health, and Medicine</i> (2016 <sup>2</sup> )	2
<i>Sexual Health</i> (2015 <sup>1</sup> )	1
<i>Preventive Medicine Reports</i> (2015 <sup>1</sup> , 2016 <sup>1</sup> , 2017 <sup>1</sup> )	3
<i>BMC Research Notes</i> (2015 <sup>2</sup> )	2
<i>Public Health Reports</i> (2015 <sup>1</sup> )	1
<i>International Journal of Environmental Research and Public Health</i> (2015 <sup>1</sup> )	1
<i>Australian and New Zealand Journal of Public Health</i> (2015 <sup>1</sup> )	1
<i>Journal of Acquired Immune Deficiency Syndromes</i> (2014 <sup>1</sup> , 2015 <sup>1</sup> )	2
<i>Public Health</i> (2014 <sup>1</sup> , 2015 <sup>1</sup> , 2016 <sup>1</sup> )	3
<i>Journal of Primary Prevention</i> (2014 <sup>1</sup> , 2015 <sup>1</sup> , 2016 <sup>1</sup> )	3
<i>BMC Public Health</i> (2013 <sup>1</sup> , 2014 <sup>1</sup> , 2015 <sup>2</sup> , 2016 <sup>1</sup> )	5
<i>Journal of Adolescent Health</i> (2012 <sup>2</sup> , 2013 <sup>4</sup> , 2014 <sup>3</sup> , 2015 <sup>1</sup> )	10
<i>Vaccine</i> (2011 <sup>1</sup> , 2012 <sup>1</sup> , 2013 <sup>5</sup> , 2014 <sup>2</sup> , 2015 <sup>3</sup> )	12
<i>International Journal of STD and AIDS</i> (2014 <sup>1</sup> )	1
<i>Drugs: Education, Prevention, &amp; Policy</i> (2014 <sup>1</sup> )	1
<i>Nordic Studies on Alcohol and Drugs</i> (2014 <sup>1</sup> )	1
<i>JAMA Pediatrics</i> (2013 <sup>1</sup> )	1
<i>Journal of Medical Virology</i> (2013 <sup>1</sup> )	1
<i>Journal of Pain Research</i> (2013 <sup>1</sup> )	1
<i>Frontiers in Public Health</i> (2013 <sup>1</sup> )	1
<i>Drug and Alcohol Review</i> (2011 <sup>1</sup> )	1
<i>Journal of Men's Health</i> (2011 <sup>2</sup> )	2
<i>Biohealthcare Publishing (Oxford) Limited</i> (2010 <sup>1</sup> )	1
<b>Total:</b>	<b>95</b>

### **Presentations to Community**

1. **Young AM**, Hopkins C. SPIDER<sup>®</sup>: New Software to Construct Disease Transmission Networks. "SPARK" Soirée & Bluegrass Showcase of Entrepreneurs and University Researchers. May 25, 2016. (Lexington, Kentucky)

2. **Young AM** and Cooper HLF. "Introduction to the 'Novel Methods for Research on Young Rural Opioid Users at risk of HIV, HCV & Overdose' Study". Invited Presentation at the Rowan County Board of Health Meeting. July 21, 2016. (Morehead, Kentucky).
3. **Young AM**. Addressing the drug epidemic in Rowan County. Invited Presentation at Community Forum hosted by Rowan County Attorney's Office. September 14, 2016. (Morehead, Kentucky)
4. **Young AM**. Questions and Answers Session related to Syringe Exchange. Invited Presentation at the Rowan County Board of Health Meeting. September 26, 2016. (Morehead, Kentucky).
5. **Young AM**. Rationale for Harm Reduction in Rowan County, Kentucky. Invited Presentation at the Morehead City Council Meeting. October 10, 2016. (Morehead, Kentucky).
6. **Young AM**. Rationale for Harm Reduction in Elliott County, Kentucky. Invited Presentation at the Elliott County Board of Health Meeting. October 12, 2016. (Sandy Hook, Kentucky).
7. **Young AM**. Rationale for Harm Reduction in Rowan County, Kentucky. Invited Presentation at Rowan County Fiscal Court Meeting. November 15, 2016. (Morehead, Kentucky).
8. **Young AM**. Rationale for Harm Reduction in Elliott County, Kentucky. Invited Presentation at the Sandy Hook City Council Meeting. March 6, 2017. (Sandy Hook, Kentucky).
9. **Young AM**. Substance Use and Social Networks. Invited Presentation at the Talbert House Center for Health and Human Services Research. March 27, 2017. (Cincinnati, Ohio)
10. **Young AM**. Substance Use, HIV, and HCV Risk in Bath County, Kentucky. Invited Presentation at the Bath County Town Hall meeting on Drug Trends. March 30, 2017. (Owingsville, Kentucky).
11. **Young AM**. Substance Use, HIV, and Hepatitis C: Appalachia at Risk. St. Claire Hospital Grand Rounds. April 2018. (Morehead, Kentucky)
12. **Young AM**. Substance Use, HIV, and HCV Risk in Bath County, Kentucky. Invited Presentation at the Bath County City Council meeting on syringe exchange. May 15, 2018. (Owingsville, Kentucky).
13. **Young AM**. Substance Use, HIV, and Hepatitis C: Appalachia at Risk. Morgan County Appalachian Regional Hospital Grand Rounds. June 13, 2018. (West Liberty, Kentucky)

### **Memberships in Professional Societies**

2018 - present International Network on Hepatitis in Substance Users



2013 - present International AIDS Society  
2011 - present International Network for Social Network Analysis  
2009 - present American Public Health Association  
2017 - present Delta Omega, Beta Gamma Chapter (Honorary Society in Public Health)  
2013 International Society for Technology in Education  
2012 Kentucky Academy of Science  
2011 - 2012 Society of Behavioral Medicine  
2008 - 2009 Kentucky Public Health Association  
2008 - 2009 International Society for Autism Research  
2007 - present Psi Chi (Honorary Psychology Fraternity)  
2006 - present Omicron Delta Kappa (Honorary Leadership Fraternity)

**Community Service**

2009 - present Island Ventures, Inc. (Mactan Island, Philippines)  
2009 University of Kentucky Shoulder-to-Shoulder Organization (Ecuador)  
2005 Hurricane Katrina Relief (Ocean Springs, MS)  
2005 Tsunami Relief Volunteer (Khao Lak, Thailand)