Katherine S. (Kate) Eddens

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*Updated December 2017*

**Employment**

2017 - Assistant Research Scientist, Indiana University Network Science Institute, Indiana University

2015 - Co-Founder, OpenEddi, a product of Flaming Fox, LLC

2012 - Assistant Professor, Regular Title Series, Department of Health, Behavior & Society, University of Kentucky College of Public Health

2012 - Affiliated Faculty, Department of Communication, University of Kentucky College of Communication & Information Sciences

**Education**

2012 Ph.D., The Brown School, Washington University in St. Louis

Dissertation: *Assessing Social and Communication Networks and Knowledge of the 2010 Affordable Care Act in a Socioeconomically Disadvantaged Population*

2007-2008 PhD in Epidemiology coursework, Saint Louis University School of Public Health

2007 M.P.H. , Epidemiology / Behavioral Science & Health Education, Saint Louis University School of Public Health

1999 B.L.A., Dual focus: Medicine / Film & Media Arts, University of Missouri-Kansas City

**Academic and Professional Awards And Fellowships**

2016 UK Researcher/Faculty Award for OpenEddi software program, SPARK Bluegrass Showcase of Emerging Entrepreneurs and University Researchers

2015-2016 Building Interdisciplinary Research Careers in Women’s Health (BIRCWH) *BIRCWH Scholar*, University of Kentucky College of Medicine

2013-2015 NIH Loan Repayment Program Award for Research in Health Disparities, National Institute on Minority Health and Health Disparities

2013-2014 Building Interdisciplinary Research Careers in Women’s Health (BIRCWH) *BIRCWH Associate,* University of Kentucky College of Medicine

2012 Brown School Dissertation Fellowship, Washington University in St. Louis

2010-2012 Pre-doctoral fellowship, Centers for Excellence in Cancer Communication Research (CECCR), Washington University in St. Louis

2010 First place, Poster Excellence Awards, Health Communication and Informatics Research Branch, National Cancer Institute, CECCR II Grantee Meeting, Philadelphia, PA

2008-2011 Doctoral Student Fellowship, Graduate School of Arts and Sciences, Washington University in St. Louis

2007-2009 SLU 2000 Doctoral Student Scholarship and Research Assistantship, Saint Louis University School of Public Health

2007 CDC and the Association of Schools of Public Health Award for Best Student Paper in Building Partnerships, Center for Disease Control and Prevention Cancer Conference, Atlanta, GA

2007 AARP Award for Best Paper Focused on the Well-Being of Older Adults, *Cases in Public Health Communication and Marketing*, George Washington University School of Public Health

2007 Inducted into Delta Omega Public Health Honor Society, Alpha Delta Chapter, St. Louis University School of Public Health

2007 Alumni Association Academic Achievement Award, St. Louis University School of Public Health

**Additional Training**

2017 UKAccel, an intensive experiential learning program for faculty interested in turning intellectual property into a startup company, Inaugural Cohort Member, OpenEddi

2016 Von Allmen Center for Entrepreneurship Entrepreneurs Bootcamp, OpenEddi

2016 Multilevel Modeling for Egocentric Network Analysis, workshop, International Network for Social Network Analysis Sunbelt XXXVI Conference, Newport Beach, CA

2016 Understanding Diffusion with NetdiffuseR, workshop, International Network for Social Network Analysis Sunbelt XXXVI Conference, Newport Beach, CA

2016 Simplifying Ego-centered Network Analysis in R with EgonetR, workshop, International Network for Social Network Analysis Sunbelt XXXVI Conference, Newport Beach, CA

2015 SBIR/STTR Intensive Writing Workshop. Kentucky Science & Technology Corporation, Lexington, KY

2015 Advanced Egocentric Network Analysis with R, workshop, International Network for Social Network Analysis Sunbelt XXXV Conference, Brighton, England, UK

2015 LINKS Center Summer Workshop on Social Network Analysis, Stochastic Modeling Track, University of Kentucky, Lexington, KY

2014 University of Kentucky Commercialization Workshop: Intellectual Property, Commercialization Pathways, and Funding Opportunities

2014 Kentucky SBIR/STTR NIH Focus Phase I Proposal Development Workshop. Kentucky Science & Technology Corporation, Lexington, KY

2014 Network Modeling of Infectious Disease and Social Diffusion Processes with EpiModel, workshop, International Network for Social Network Analysis Sunbelt XXXIV Conference, St. Petersburg, FL

2013 Applying to the NIH SBIR Phase I Program for First-Time Applicants, Research Commercialization and SBIR Center, National Council of Entrepreneurial Tech Transfer

2013-2014 LINKS Center Summer Workshop on Social Network Analysis, Advanced Social Network Analysis Track, University of Kentucky, Lexington, KY

2012 Innovations in Translational Behavioral Science: New Concepts, Study Designs and Implementation Strategies, workshop, Society for Behavioral Medicine 33rd Annual Meeting and Scientific Sessions, New Orleans, LA

2012 Network Dynamics, Simulation and Construct, workshop, International Network for Social Network Analysis Sunbelt XXXII Conference, Redondo Beach, CA

2012 Exponential-family Random Graph (ERG or p\*) Modeling with statnet, workshop, International Network for Social Network Analysis Sunbelt XXXII Conference, Redondo Beach, CA.

2009 Certificate of completion, *Manuscript Development Seminar Series,* Washington University in St. Louis, The Brown School

2008 Survival Analysis & Topics in Infectious Disease Epidemiology, Courses at the Graduate

Summer Institute in Epidemiology and Biostatistics, Johns Hopkins Bloomberg School of Public Health

2006 Evidence-Based Public Health, Prevention Research Center, St. Louis, MO

2006 Introduction to SAS, Saint Louis University School of Public Health Center for Biostatistics, St. Louis, MO

2005 Fighting Global AIDS, Center for the Study of Ethics and Human Values at Washington University School of Medicine, St. Louis, MO 2005.

**Peer-Reviewed Publications**

2018 Fagan JM, **Eddens** KS, Vanderford N, Dolly J, Weiss H. Assessing Research Collaboration in a Cancer Center through Co-authorship Network Analysis. Journal of Research Administration. *Accepted for publication in Spring 2018 issue.*

2017 **Eddens KS**, Fagan JM, Collins T. An Interactive, Mobile-Based Tool for Personal Social Network Data Collection and Visualization among a Geographically Isolated and Socioeconomically Disadvantaged Population: Early-Stage Feasibility Study With Qualitative User Feedback. JMIR Res Protoc 2017;6(6):e124. PMID: [28642217](http://www.ncbi.nlm.nih.gov/pubmed/28642217) DOI: [10.2196/resprot.6927](http://doi.org/10.2196/resprot.6927)

*2017 submissions under review:*

Alcaraz KI, **Eddens KS**, Blase JL, Diver WR, Patel AV, Teras LR, Stevens VL, Jacobs EJ, Gapstur SM. Social Isolation and Mortality in US Black and White Men and Women.

**Eddens KS**, Fagan JM. Does the force-directed nodelink diagram systematically bias results? Comparing accuracy of nascent approaches to gathering alter-tie data for personal social network studies.

2016 Schoenberg NE, **Eddens K**, Jonas A, Snell-Rood C, Studts CR, Broder-Oldach B, Katz ML. Colorectal cancer prevention: Perspectives of key players from social networks in a low-income rural US region. Int J Qual Stud Health Well-being. 2016 Feb 22;11:30396. PMID: 26905402; PMCID: PMC4764956; doi: 10.3402/qhw.v11.30396.

2014 Vanderpool RC, Williams CM, Klawitter A, **Eddens KS**. Effective Dual Method Contraceptive Use and HPV Vaccination among U.S. Adolescent and Young Adult Females. Women’s Health Issues. 2014;24(5):543–550. PMID: 25213746; PMCID: PMC4758121; DOI: http://dx.doi.org/10.1016/j.whi.2014.05.003.

Kreuter MW, McBride TD, Caburnay C, Poor T, Sanders-Thompson V, Alcaraz KI, **Eddens KS,** Rath S, Perkins H, Casey C. What can health communication science offer for ACA implementation? Five evidence-informed strategies for expanding Medicaid enrollment. The Milbank Quarterly. 2014;92(1):40-62. PMID: 24597555; PMCID: PMC3955377; DOI: 10.1111/1468-0009.12040

Purnell JQ, Griffith J, **Eddens KS**, Kreuter MW. Mobile Technology, Cancer Prevention, and Health Status among Diverse, Low-income Adults. *American Journal of Health Promotion*. 2014;28(6):397-402. PMID: 24200336; PMCID: PMC4045653; DOI: 10.4278/ajhp.120816-ARB-396

2012 **Eddens KS.** Guiding principles for collaborative research with 2-1-1. *American Journal of Preventive Medicine.* 2012;43(6S5):S512–S517. PMID: 23157774; http://dx.doi.org/10.1016/j.amepre.2012.09.020

**Eddens KS**, Alcaraz KI, Kreuter MW, Rath S, Greer R. A 2-1-1 research collaboration: participant accrual and service quality indicators. *American Journal of Preventive Medicine*. 2012;43(6S5):S483–S489. PMID: 23157769; PMCID: PMC3508469; DOI: 10.1016/j.amepre.2012.09.007

Kreuter MW, **Eddens KS**, Alcaraz KI, et al. If you refer them, will they call? Use of cancer control referrals by 2-1-1 callers: a randomized trial. *American Journal of Preventive Medicine.* 2012;43(6S5):S425–S434. PMID: 23157761; PMCID: PMC3513377; DOI: 10.1016/j.amepre.2012.09.004

Alcaraz KI, Arnold LD, **Eddens KS**, et al. Exploring 2-1-1 service requests as potential markers for cancer control needs. *American Journal of Preventive Medicine.* 2012;43(6S5):S469 –S474. PMID: 23157767; PMCID: PMC3508467; DOI: 10.1016/j.amepre.2012.08.019

Hall KL, Stipelman BA, **Eddens KS**, et al. Advancing collaborative research with 2-1-1 to reduce health disparities: challenges, opportunities, and recommendations. *American Journal of Preventive Medicine.* 2012;43(6S5):S518 –S528. PMID: 23157775; PMCID: PMC3993989; DOI: 10.1016/j.amepre.2012.09.026

Cancedda C, **Eddens KS**, Adebona M, Shacham E, Revathi R, Overton TO. The detrimental effect of adversity on HIV outcomes in the era of combined anti-retroviral therapy. *World Journal of AIDS,* 2012;2(4):338-346*.* DOI: 10.4236/wja.2012.24045

Purnell JQ, Kreuter MW, **Eddens KS,** Ribisl KM, Hannon P, Fernandez ME, Jobe D, Gemmel S, Morris M, and Fagin D. Cancer Control Needs of 2-1-1 Callers in Missouri, North Carolina, Texas, and Washington. *Journal of Health Care for the Poor and Underserved.* 2012;23(2):752-767.

2011 **Eddens KS**, Kreuter MW, Archer K. Proactive screening for health needs in United Way’s 2-1-1 information and referral service. *Journal of Social Services Research.* 2011;37(2):113-123*.* PMID: 22643622; PMCID: PMC4059208; DOI: 10.1353/hpu.2012.0061

2009 **Eddens KS,** Kreuter MW, Morgan JC, Beatty KE, Jasim SA, Garibay L, Tao D, Buskirk TD, Jupka KA. Disparities by Race and Ethnicity in Cancer Survivor Stories Available on the Web. *Journal of Medical Internet Research*. 2009;11(4):e50. PMID: 19945948; PMCID: PMC2802561; DOI: 10.2196/jmir.1163 Available from: http://www.jmir.org/2009/4/e50/

2007 **Eddens K**, Kreuter M, Snider R. Screen for Life: Using Targeted Health Messages to Increase Participation in a State Colorectal Cancer Screening Program. *Cases in Public Health Communication & Marketing.* 2007 June. Available from: http://www.casesjournal.org/volume1/peerreviewed/cases\_1\_06.cfm.

Dissertation **Eddens KS**. Assessing social and communication networks and knowledge of the 2010 Affordable Care Act in a socioeconomically disadvantaged population*.*[3518572]. Washington University in St. Louis; 2012. Available through ProQuest Dissertations & Theses.

**Software Development / Intellectual property**

2015 *OpenEddi: A Network Data Collection Tool* [computer program]. Version 0.3 Lexington, KY: FlamingFox, LLC; 2015.

**Peer-Reviewed Conference Presentations**

2017 **Eddens KS**, Fagan J\*. Cancer Communication Networks of Rural Appalachian Women. 1st Annual North American Social Networks Conference, Washington DC.

2016 **Eddens KS**, Mullett T, Studts J, Schoenberg N, Chen L. Connecting Appalachians to Lung Cancer Screening: Leveraging Social Networks to Reduce Lung Cancer Disparities. Building Interdisciplinary Research Careers in Women’s Health (BIRCWH) Meeting, National Institutes of Health, Bethesda, MD.

**Eddens KS**, Fagan J\*. Comparing accuracy and respondent burden of approaches to gathering alter-alter tie data in egocentric networks. International Network for Social Network Analysis Sunbelt XXXVI Conference, Newport Beach, CA.

Oser C, **Eddens KS**, Pullen E, Perry B, Crosby R. The relationship between African American women’s health discussion networks & illicit drug use. International Network for Social Network Analysis Sunbelt XXXVI Conference, Newport Beach, CA.

**Eddens K,** Jonas A\*, Snell-Rood C, Studts CR, Schoenberg NE, Katz ML. Social Support and Social Network Characteristics in a Sample of Appalachian Ohio and Kentucky Adults. Society of Behavioral Medicine 37th Annual Meeting and Scientific Sessions, Washington D.C.

Dunworth C\*, Studts C, Williams C, **Eddens KS.** Demographic disparities in children with behavioral or conduct problems. 11th Annual Center for Clinical and Translational Science Spring Conference. University of Kentucky, Lexington, KY.

2015 Oser CB, **Eddens K**, Pullen E, Perry B, Crosby R. The relationship between African-American women's health discussion networks &amp; HIV risk behaviors. *Drug and Alcohol Dependence.* 2015;156:e167. DOI: 10.1016/j.drugalcdep.2015.07.454

Cohen E, Crosby R, **Eddens KS,** Collins T, Stradtman L, Vanderpool RC, Lamberth C. A Novel Community-Based Study Promoting Colorectal Cancer Screening in Underserved Appalachian Kentucky Communities: A Study Protocol for a Randomized Control Trial. The 143nd APHA Annual Meeting, Chicago, IL.

**Eddens KS**, Fagan J\*, Collins T. Feasibility of Network Data Collection and Visualization Approaches for Health Communication Interventions in a Geographically Isolated and Socioeconomically Disadvantaged Population. International Network for Social Network Analysis Sunbelt XXXV Conference, Brighton, England, UK.

2014 **Eddens KS**, Jonas A\*, Snell-Rood C, Katz M, Schoenberg N. Social network characteristics and perceived social support in middle aged and older adult residents of Appalachian Ohio and Kentucky. The 142nd APHA Annual Meeting, New Orleans, LA.

Vanderpool RC, **Eddens KS**, Williams C, Klawitter A\*. Effective Dual Method Contraceptive Use During First Sexual Intercourse and HPV Vaccination among U.S. Adolescent and Young Adult Females. The 142nd APHA Annual Meeting, New Orleans, LA.

**Eddens KS,** Fagan J\*. OpenEddi: Network data collection and representation software designed for interactive, online/offline, tablet-ready field collection and education. Cancer SIG and Health Decision Making SIG present: Education & Decision Aids to Advance Health: A Showcase of the Latest Software. Society for Behavioral Medicine 35th Annual Meeting and Scientific Sessions, Philadelphia, PA.

Fagan J\***, Eddens KS**. OpenEddi: Modular survey software designed for interactive, online/offline, tablet-ready field collection of network data. International Network for Social Network Analysis Sunbelt XXXIV Conference, St. Petersburg, FL.

2013 **Eddens KS**, Johnson-Cardona S, Russell A, Holtz M. Connecting underserved populations to health care reform benefits through 2-1-1: A communication network perspective. 141st American Public Health Association Annual Meeting, Boston, MA.

2012 **Eddens KS**. Communication networks and knowledge of the Affordable Care Act in a 2-1-1 sample. National Cancer Institute Centers of Excellence in Cancer Communication Research (CECCR) Grantee Meeting, Madison, WI.

**Eddens KS**, Alcaraz KI, Kreuter MW, Rath S, Greer R. A 2-1-1 Research Collaboration: Participant Accrual and Service Quality Indicators. National Cancer Institute Centers of Excellence in Cancer Communication Research (CECCR) Grantee Meeting, Madison, WI.

Alcaraz KI, Arnold LD, **Eddens KS**, et al. Exploring 2-1-1 service requests as potential markers for cancer control needs. National Cancer Institute Centers of Excellence in Cancer Communication Research (CECCR) Grantee Meeting, Madison, WI.

Kreuter MW, **Eddens K**, Roux A, Greer R. If you refer them, will they call? Providing proactive cancer screenings and referrals through 2-1-1. The 34th Information and Referral Annual Training and Education Conference, New Orleans, LA.

**Eddens KS**, Johnson-Cardona S, Russell A, Holtz M. Health Care Connections: Assessing Communication Networks and Knowledge of the Affordable Care Act in a Low-income Population. Society for Behavioral Medicine 33rd Annual Meeting and Scientific Sessions, New Orleans, LA.

**Eddens KS**, Johnson-Cardona S, Russell A, Holtz M. Health Care Connections: Communication Networks and Knowledge of the Affordable Care Act in a Socioeconomically Disadvantaged Population. International Network for Social Network Analysis Sunbelt XXXII Conference, Redondo Beach, CA.

2011 Alcaraz K & **Eddens KS**. Ignite: Integrating cancer control referrals and navigators into United Way 2-1-1. Presented at the Centers of Excellence in Cancer Communication Research CECCR II Grantee Meeting, St. Louis, MO.

**Eddens KS,** Fields R, Francis B, Johnson-Cardona S, Holtz M, Norwood R, Streid J. Health Care Connections: Assessing Health Reform Communication Networks and Knowledge of the Affordable Care Act in a Socioeconomically Disadvantaged Population. Presented at the Centers of Excellence in Cancer Communication Research CECCR II Grantee Meeting, St. Louis, MO.

**Eddens KS**, Fields R, Francis B, Johnson-Cardona S, Holtz M, Norwood R, Streid J. Assessing Knowledge of the Affordable Care Act and Communication Networks in a Socioeconomically Disadvantaged Population. Presented at the 4th Annual Public Health Conference, Institute for Public Health at Washington University, St. Louis, MO.

**Eddens KS**, Kreuter M, Greer R, Pokojski R. Keeping Clients Healthy: Integrating proactive health screening and referral into 2-1-1 systems. Presented at the Alliance of Information and Referral Systems (AIRS) 33rd I&R Annual Training and Education Conference, Dearborn, MI.

2010 **Eddens KS**, Cancedda C, Ravi R, Overton ET. The Detrimental Effect of a High Adversity Score on HIV Care in the Era of Highly Active Anti-Retroviral Therapy. Poster presented at The 138th APHA Annual Meeting, Denver, CO.

**Eddens KS**, Kreuter M. Keeping Clients Healthy: Integrating proactive health screening and referral into 2-1-1 systems. Presented at the Alliance of Information and Referral Systems (AIRS) 32nd I&R Annual Training and Education Conference, Rochester, NY.

Kreuter M, **Eddens KS**, Purnell J, Pfeiffer D. Difficulties, Benefits, and Vision of 2-1-1 Research Collaboration. Presented at the Alliance of Information and Referral Systems (AIRS) 32nd I&R Annual Training and Education Conference, Rochester, NY.

Purnell J, **Eddens KS**, Fernandez M, Jobe D, Kreuter M, Hannon P, Ribisl K, Williams R. Understanding the Cancer Control Needs of 2-1-1 Callers: A report from 2-1-1 systems in Missouri, North Carolina, Texas, and Washington. Presented at the Centers of Excellence in Cancer Communication Research CECCR II Grantee Meeting, Philadelphia, PA.

2009 Kreuter M**, Eddens KS.** Integrating proactive health screening and referral into 2-1-1 and I&R systems. Invited webinar presented to members of the Alliance of Information and Referral Systems (AIRS).

Kreuter M, **Eddens KS**. Understanding the cancer communication needs of United Way 2-1-1 callers: Findings from a feasibility study. Presented at the Alliance of Information and Referral Systems (AIRS) 31st I&R Annual Training and Education Conference, Reno, NV.

**Eddens KS**, Kreuter M. Understanding the cancer communication needs of United Way 2-1-1 callers: Findings from a feasibility study. Presented at the Centers for Excellence in Cancer Communication Research CECCR II Grantee Meeting, Denver CO.

**Eddens KS**, Kreuter M, Morgan J, Beatty K, Jasim S, Garibay L, Tao D, Buskirk T, Jupka K. Online survivor stories: Where are the minorities? Disparities by race and ethnicity in cancer survivor stories available on the Web. Presented at the Second American Association for Cancer Research Science of Health Disparities Conference in Racial/Ethnic Minorities and the Medically Underserved, Carefree, AZ.

2008 Cancedda C, **Eddens KS**, Ravi R, Overton ET. The Detrimental Effect of a High Psycho-Social Adversity Score on HIV Care in the Era of Highly Active Anti-Retroviral Therapy. Presented at The XVII International AIDS Conference, Mexico City, 3-8.

2007 **Eddens KS**, Snider R, Kreuter M. *Screen for Life:* Using Targeted Health Messages to Increase Participation in a State Colorectal Cancer Screening Program. Presented at the USC-IPR/NIH Conference on Interdisciplinary Science, Health Promotion & Disease Prevention, Pasadena, CA.

**Eddens KS**, Kreuter M, Snider R. *Screen for Life:* Using Targeted Health Messages to Increase Participation in a State Colorectal Cancer Screening Program. Presented at the Centers for Disease Control and Prevention (CDC) Cancer Conference, Atlanta, GA.

**Invited Presentations And Workshops**

2017 **Eddens KS.** “OpenEddi: Leveraging Social Networks for Communication and Behavior Change.” Presented in *Use of Emerging Digital Technology in Clinical Research*, a Clinical Research Update of the Center for Clinical and Translational Science at the University of Kentucky. Lexington, KY, May 16, 2017.

**Eddens KS.** Connected Health: Using Technology to Leverage the Power of Ego Networks for Health Communication and Cancer Care in Underserved Populations. Presented to the Indiana University Network Science Institute, Indiana University, Bloomington, IN, May 4th, 2017.

**Eddens KS.** Parenting a STEM Girl in a Man’s World. Presented at the Expanding Your Horizons Hands-On STEM Conference for Middle School Girls and their Parents, University of Kentucky, Lexington, KY, April 29, 2017.

**Eddens KS.** OpenEddi.Industry/Private Partnerships Workshop of the Vice President for Research, University of Kentucky, Lexington, KY, March 22, 2017.

2016 **Eddens KS.** Connected to Health: Using Technology to Leverage the Power of Social Networks for Cancer Communication and Cancer Care. Presented to the Health Communication and Informatics Research Branch of the National Cancer Institute, Rockville, MD, December 13, 2016.

**Eddens KS**. Social Networks and Health Disparities. Health, Behavior & Society Research Seminar Series, University of Kentucky College of Public Health, Lexington, KY, November 18, 2016.

**Eddens KS,** Fagan J**.** OpenEddi software for network data collection and visualization. Mini-module presented at the LINKS Center Summer Workshop on Social Network Analysis, University of Kentucky, Lexington, KY, June 9, 2016.

2015 **Eddens KS,** Fagan J**.** OpenEddi software for network data collection and visualization. Mini-module presented at the LINKS Center Summer Workshop on Social Network Analysis, June 4, 2015.

2014 **Eddens KS**. Global and local health disparities. Presented to the Student National Medical Association, University of Kentucky Chapter, Lexington, KY, October 2014.

**Eddens KS**. Reach, Effectiveness, and Connections: Communication Strategies to Eliminate Cancer Disparities. Markey Cancer Center Research Seminar Series, Lexington, KY, October 2014.

Invited panelist. “Health Literacy and Health Disparities: An Obvious Relationship?: Identifying Missing Links, Gaps and Solutions.” Kentucky Conference on Health Communication, Lexington, KY, April 2014.

**Eddens KS.** Stats for Non-Statisticians by a Non-Statistician. Presented as part of the Didactics Series for Occupational and Preventive Medicine Residents, University of Kentucky, Lexington, KY, February 27th, 2014.

**Eddens KS**. Health Care Connections: Connecting Underserved Populations to Health Care Services. Presented to the Student National Medical Association, University of Kentucky Chapter, Lexington, KY, January 2014.

**Funded Contracts / Grants**

2017 **Smoking Cessation Treatment Delivery to Cervical Cancer Survivors with Low Social Resources: A Pilot RCT**

Role: Co-Investigator (PI is J Burris, UK)

Agency: Kentucky Lung Cancer Research Program

Project Period: July 1, 2017 – June 30, 2019

Total Direct Costs: $150,000

2016 **Improving Outcomes after Prison for Appalachian PWID: The Role of XR-NTX & Networks**

Role: Co-Investigator (PI is C Oser, UK)

Agency: NIDA / NIH / Appalachian Regional Commission (1R03DA043377-01)

Type: R03; Services Planning Research in the Appalachian Region to Address Adverse Health Consequences Associated with Increased Opioid Injection Drug Use

Project Period: October 1, 2016 – September 30, 2017

Total Direct Costs: $100,000

**Connecting Appalachians to Lung Cancer Screening: Leveraging Social Networks to Reduce Lung Cancer**

Role: Principal Investigator

Agency: Kentucky Lung Cancer Research Program

Project Period: July 1, 2016 – June 30, 2018

Total Direct Costs: $149,758

2015 **Building Interdisciplinary Research Careers in Women’s Health**

Role: Scholar (PI is T Curry, UK)

Agency: Office of Women’s Health Research / NIDA (K12 DA035150)

Type: Mentored Clinical Scientist Development Program Award to the University of Kentucky

Project period: January 1, 2015 – December 31, 2016

2014 **Kentucky Lung Cancer Survivorship Program**

Role: Communication Specialist (PI is J Studts, UK)

Agency: Bristol-Myers Squibb Foundation

Project Period: September 2014 – September 2017

Total Direct Costs: $3,688,983

**Rural Cancer Prevention Research Center**

***Network evaluation of effectiveness of change agents***

Role: Co-investigator (PI is R Crosby, UK)

Agency: NBCCEDP / CDC / DHHS

Type: Health Promotion and Disease Prevention Research Center (1U48DP005014-01)

Project Period: September 2014 – September 2019

Total Direct Costs: $513,333

2013 **NIH Loan Repayment Program in Health Disparities Research**

Role: Awardee

Agency: National Institute on Minority Health and Health Disparities

Type: Loan repayment program contract

Contract period: September 1, 2013 – June 30, 2015

Total award: $60,421.82

**Rural Cancer Prevention Research Center Pilot Project**

***Investigating the Use of Word-of-Mouth Networks to Promote HPV Self-Swab Testing in Rural Appalachian Women***

Role: Pilot Project Investigator (PRC PI is R Crosby, UK)

Agency: NBCCEDP / CDC / DHHS

Type: Health Promotion and Disease Prevention Research Center (1U48DP001932-03)

Pilot Project Period: August 2013-March 2015

Total Direct Costs: $18,864.20

2011 **Centers for Excellence in Cancer Communication Research Cancer Communication Developmental Research Program**

“Health care reform knowledge and communication networks in the United Way 2-1-1 Missouri calling population.”

Role:Principal Investigator (CECCR PI is M Kreuter, WashU)

Agency: CECCR, Washington University in St. Louis / NCI

Project Period: September 2011 to May 2012

Total Direct Costs: $29,420

**Centers for Excellence in Cancer Communication Research Cancer Communication Developmental Research Program**

“Health care reform knowledge and communication networks in the United Way 2-1-1 Missouri calling population.”

Role:Principal Investigator (CECCR PI is M Kreuter, WashU)

Agency: CECCR, Washington University in St. Louis / NCI

Project Period: June 2011 to August 2011

Total Direct Costs: $14,606

Pending Review and Under Revision

2017 **Develop and Pilot Test A Smartphone-Based Intervention To Support Bone Marrow Transplant Caregivers In Kentucky**

Role: Principal Investigator (Multi-PI with M. Chih, UK)

Agency: National Cancer Institute

Type: R21; PAR 16-318 Intervening With Cancer Caregivers To Improve Patient Health Outcomes And Optimize Health Care Utilization (1 R21 CA230727-01)

Contract period: July 1, 2018 – June 30, 2020

Total direct costs: $275,000

Date Submitted for Funding: October 9, 2017

*Pending SRG review.*

**Network Visualization Software for Improved Psychosocial Support Across the Cancer Care Continuum**

Role: Principal Investigator (Multi-PI with J. Fagan, UK)

Agency: National Cancer Institute

Type: R43; PHS 2016-02 Omnibus Solicitation of the NIH, CDC, FDA and ACF for Small Business Innovation Research Grant Applications (1 R43 CA224447-01)

Contract period: September 1, 2017 – August 31, 2018

Total direct costs: $209,678

Date Submitted for Funding: April 5, 2017

Review score: 44

*Under revision for resubmission.*

**Network Data Collection using Playful Design to Engage Marginalized Populations**

Role: Principal Investigator (Multi-PI with J. Fagan, UK)

Agency: National Institute on Minority Health and Health Disparities

Type: R43; Innovations for Healthy Living – Improving Population Health and Eliminating Health Disparities (1 R43 MD012306-01)

Contract period: September 1, 2017 – August 31, 2018

Total direct costs: $151,516

Date Submitted for Funding: February 22, 2017

Review score: 50

*Under revision for resubmission.*

**Teaching**

**Graduate Courses**

Public Health and Disease Prevention

Research Capstone in Health Behavior

Public Health Practice and Administration

Research Methods for Health Promotion

Independent Study in Health Behavior

**Undergraduate Courses**

Independent Study in Health Behavior

Leadership and Service Learning for IAmAWomanInSTEM Initiative (Course Co-Facilitator)

**Workshops**

Interactive Software for Social Network Data Collection, Visualization and Feedback Intervention (with Fagan J, Kennedy D, Marcus G)**,** International Network for Social Network Analysis (INSNA)

SPSS Bootcamp, University of Kentucky College of Public Health

**Master of Public Health Field Practicum Preceptor**

Paige Higginson-Rollins, MPH in Health Behavior, Spring-Fall 2015

Jeremiah Nieves, MPH in Biostatistics, Spring 2014

**Invited Guest Lectures**

“Health Communication and Health Disparities,” in *Heath Psychology,* Dr. Jessica Burris, Department

of Psychology, University of Kentucky

“Applied Health Communication and Health Disparities,” in *Eliminating Racial and Ethnic Health*

*Disparities,* Dr. Linda Alexander, College of Public Health, University of Kentucky

“Risk Assessment and Health Promotion,” in *Research Design and Methodology,* Dr. Jeffrey L.

Ebersole, College of Dentistry, University of Kentucky

“Social Networks and Communication in Public Health Practice,” in *Public Health Practice and*

*Administration,* Dr. Robin Vanderpool, College of Public Health, University of Kentucky

“Health Communication and Health Disparities,” in *Advanced Health Behavior Theory,* Dr. Linda

Alexander, College of Public Health, University of Kentucky

“Social Networks in Health Behavior,” in *Ecological Influences on Health Behavior,* Dr. Mark

Swanson, College of Public Health, University of Kentucky

“Mediation, Moderation, Measurement, and More,” in *Research Methods for Health Promotion*, Dr.

Richard Crosby, College of Public Health, University of Kentucky

“Social Networks in Public Health,” in *Introduction to Public Health: Theory and Methods*, Dr. Pamela

Teaster, College of Public Health, University of Kentucky

“Social Networks in Public Health,” in *Health Behavior and Health Promotion*, Dr. Jason Purnell, Brown

School, Washington University in St. Louis

“My211: How to conduct a randomized intervention trial,” in *Epidemiologic Methods*, Dr. Alexis Duncan,

Brown School, Washington University in St. Louis

“Organizational Tips and Strategies,” *Professional Development Seminar for doctoral students*, Brown

School, Washington University in St. Louis

“Social Networks in Public Health,” in *Health Behavior Theory*, Dr. Enbal Shacham, University College,

Master of Applied Health Behavior Research, Washington University in St. Louis

“Social Networks in Public Health,” in *Foundations of Public Health: Health Behavior and Health*

*Education*, Dr. Anjanette Wells, Brown School, Washington University in St. Louis

“*Screen for Life:* Using Targeted Health Messages to Increase Participation in a State Colorectal Cancer

Screening Program,” in *Persuasion, Message Design and Customization,* Dr. Ricardo Wray and Dr.

Matthew Kreuter, Saint Louis University School of Public Health

**Teaching Assistantships**

Social Network Analysis

Trandisciplinary Problem Solving: Livable Lives

The Social, Economic, and Political Environment

Foundations of Public Health: Epidemiology

Principles of Epidemiology

**Graduate Thesis Committees**

In progress Member, PhD committee, Aaron Guest, Gerontology

University of Kentucky College of Public Health

2017 Outside Examiner, PhD committee, Jesse Fagan, Management

University of Kentucky Gatton College of Business and Economics

*“Broker Vision Advantages in Uncertainty: The Role Of Information Diversity And Distant Search On Endowing Individual Advantage To Employees Bridging Structural Holes.”*

Chair, MPH committee, Christian Rashad Campbell

Member, MPH committee, Emily Edmiston

Member, MPH committee, Cortney Gandy, PharmD

2016 Member, DrPH committee, Kenisha R. Cantrell, Health Behavior

University of Kentucky College of Public Health

*“HIV Testing and Health Care Related Discrimination Among Black And White Men From The 2006-2008 Sexual Acquisition And Transmission Of HIV Cooperative Agreement Program (Sathcap).”*

Chair, MPH committee, Paige Higginson-Rollins

Chair, MPH committee, Samantha Wang, PharmD

Member, MPH committee, Emily Bell

Member, MPH committee, Arveen Kaur

Member, MPH committee Meagan Pilar

2015 Chair, MPH committee, Brandon Cofield

Chair, MPH committee, Natalie Jones

Chair, MPH committee, Asri Mumpuni

Member, MPH committee, Kory Brinker

Member, MPH committee, Erin Camp

Member, MPH committee, Shidie “Violet” Tang

Member, MPH committee, Stamatoula Pilati

2014 Member, DrPH committee, Angelica Geter, Health Behavior

University of Kentucky College of Public Health

*“HIV and Incarceration among African American MSM: The Effects of Education, Employment, and Social Support.”*

Outside Examiner, PhD committee, Dustin Stephens, Clinical and Translational Science

University of Kentucky College of Medicine

*“Primary and Secondary Prevention of Hepatitis C Virus among Rural Appalachian People Who Use Drugs.”*

Chair, MPH committee, Rashidat Mohammed

Chair, MPH committee, Robin A. Thompson

Chair, MPH committee, Sarah E. Yeiser

Member, MPH committee, Campbell C. Atkins

Member, MPH committee, Brittany Lucas

Member, MPH committee, Agnes Suyanto

Member, MPH committee, Natalia Truszczynski

Member, MPH committee, Jocelyn Cowen

Member, MPH committee, Holly Poynter

Member, MPH committee, Courtney Ryan, PharmD

2013 Member, DrPH committee, JaNelle Ricks, Health Behavior

University of Kentucky College of Public Health

*“Power and Condom Negotiation Among Young African-American MSM”*

**Service**

**Editorial Positions**

2017- Editor-In-Chief, JMIR Cancer (Journal of Medical Internet Research: Cancer)

Section Editor, Journal of Medical Internet Research

Section Editor, JMIR Research Protocols

Section Editor, JMIR Medical Education

2016-2017 Section Editor, JMIR Cancer

2010-2012 Co-Editor, Special Supplement of American Journal of Preventive Medicine, *Research Collaboration with 2-1-1 to* *Eliminate Health Disparities*, 2010-2012

**Ad Hoc Manuscript Peer Reviews**

Social Networks

Psycho-Oncology

Social Science and Medicine

American Journal of Preventive Medicine

Journal of Substance Abuse Treatment

Translational Behavioral Medicine

Communication Yearbook

Evaluation and Program Planning

Journal of Medical Internet Research

JMIR Cancer

JMIR Research Protocols

British Journal of Health Psychology

BMC Cancer

BMC Public Health

BMC Health Services Research

Journal of Health Care for the Poor and Underserved

Journal of Racial and Ethnic Disparities

Cases in Public Health Communication and Marketing

Emerald Studies for Media and Communication

**Professional Service**

2018 Session organizer, “Innovations in social network based interventions,” International Network of Social Network Analysis Sunbelt XXVIII Conference

2018 Abstract reviewer, Society for Behavioral Medicine 39th Annual Meeting and Scientific Sessions

2017 Session organizer, “Innovations in social network based interventions,” 1st Annual North American Social Network Conference

2017 Proposal reviewer, Center for Clinical and Translational Science Pilot at the University of Kentucky Pilot Program

2017 Abstract reviewer, Markey Cancer Center Research Day, University of Kentucky

2017 Abstract reviewer, Society for Behavioral Medicine 38th Annual Meeting and Scientific Sessions

2016 Abstract reviewer, Kentucky Conference on Health Communication

2016 Abstract reviewer, Society for Behavioral Medicine 37th Annual Meeting and Scientific Sessions

2016- Member, CareSource Research Advisory Board

2015 Session organizer, “Network visualization for social change: Empowering social capital development through network feedback interventions,” International Network of Social Network Analysis Sunbelt XXV Conference

2015 External proposal reviewer for intramural research program, Behavioral Research Center, American Cancer Society

2015 Proposal reviewer, Center for Clinical and Translational Science at the University of Kentucky Pilot Program

2015- Member, United Way of the Bluegrass Data and Metrics Committee

2015- Member, United Way of Kentucky (UWKY) 2-1-1 Planning Committee

2015 Abstract reviewer, Society for Behavioral Medicine 36th Annual Meeting and Scientific Sessions

2014 Proposal reviewer, Network Sciences, Army Research Office

2014 Abstract reviewer, Kentucky Conference on Health Communication

2014 Abstract reviewer, Society for Behavioral Medicine 35th Annual Meeting and Scientific Sessions

2014- Member, Lung Cancer Network, Kentucky Cancer Consortium

2011 Session moderator, “HIV/AIDS: Social Networking, Programs & Policies**,”** The 139th American Public Health Association Annual Meeting

2010 Session moderator, “Research on HIV/AIDS and Mental Health,”The 138th APHA Annual Meeting

Current Professional Memberships

American Public Health Association (APHA)

International Network for Social Network Analysis (INSNA)

Society of Behavioral Medicine (SBM)

**University Service**

2016-2017 Academic Advising, all Health, Behavior & Society MPH students, University of Kentucky College of Public Health

2016- Associate Member, Cancer Prevention and Control Program, Markey Cancer Center, University of Kentucky

2016- Cancer Prevention and Control Representative, Research Advisory Committee, Behavioral and Community-Based Research (BCBR) Shared Resource Facility, Markey Cancer Center, University of Kentucky

2016 Moderator and Coordinator, “iPro: Public Health IGNITES!,” College of Public Health sponsored Interprofessional Healthcare Residential College iRock iPro event, University of Kentucky

2015-2017 Cancer Prevention and Control Representative, Markey Cancer Center Research Seminar Series Committee, Markey Cancer Center, University of Kentucky

2015-2017 Steering Committee Member, IAmAWomanInSTEM, American Association of University Women Campus Action Grant, University of Kentucky

2015- Committee member, Emerging Leaders in Cancer Prevention and Control, Markey Cancer Center, University of Kentucky

2015 Representative University of Kentucky female STEM faculty, Bluegrass AAUW TechSavvy camp for middle school girls

2014-2017 Health, Behavior & Society representative, Academic Affairs Committee, University of Kentucky College of Public Health

2014-2017 Member, Health, Behavior & Society Capstone and Curriculum Revision Committee, University of Kentucky College of Public Health

2014-2015 Health, Behavior & Society representative, Undergraduate Retention Committee, University of Kentucky College of Public Health

2014-2017 Member, Center for Clinical and Translational Science Health Communication Advisory Committee, University of Kentucky College of Medicine

2014 Session Moderator, National Conference on Undergraduate Research, University of Kentucky

2012-2015 Academic Advising, selected Health, Behavior & Society MPH students, University of Kentucky College of Public Health

2009-2010 Panelist, “Building Careers in Research and Academic Settings,” Career Paths: Orchestrating Options Conference for Brown School Students, The Brown School, Washington University in St. Louis

2008 Co-facilitator, “Self-Awareness Day” (diversity awareness and cultural competency workshop), The Brown School, Washington University in St. Louis

2007-2008 Member, PHEOBE Doctoral Student Association, Saint Louis University School of Public Health

2007 Founding member, Coalition for Global Health, Saint Louis University

2005-2006 Fundraising Chair, Community Health Association of Students, Saint Louis University School of Public Health

1997 Delegate to National Parliament, 1997 National Convention, American Medical Student Association, University of Missouri – Kansas City School of Medicine

1996-1997 Chapter President, American Medical Student Association, University of Missouri – Kansas City School of Medicine

1995-1996 Editor, AMSA National Task Force on AIDS Newsletter, American Medical Student Association, University of Missouri – Kansas City School of Medicine

1994-1999 Member, American Medical Student Association

**Community Service**

2013-2017 Co-leader, Girl Scout Troop 1996, Girls Scouts of Kentucky Wilderness Road Council, Lexington, KY

2016 President, James Lane Allen Elementary Parent Teacher Association, Lexington, KY

2015-2016 Co-President, James Lane Allen Elementary Parent Teacher Association, Lexington, KY

2014-2015 Volunteer Coordinator, James Lane Allen Elementary Parent Teacher Association, Lexington, KY

2014 Delegate, Witness for Peace, Havana, Cuba

2010 Community Board Member, Roosevelt High School, St. Louis, MO

2009 Member, Parent Advisory Committee, Active Minds Institute, St. Louis, MO

2007 Volunteer teacher in the HIV/AIDS Prevention Day Camp, Global Service Corps, Arusha, Tanzania

2002-2003 Volunteer, Covenant House of Missouri, St. Louis, MO

**Selected Media**

Wapner J. The Cancer Epidemic in Central Appalachia. Newsweek Special Health Issue on Curing Cancer*.* July 31 – August 7, 2015. Published online July 19, 2015. Available at: http://www.newsweek.com/2015/07/31/cancer-epidemic-central-appalachia-354857.html

Kentucky: Exploring an Interactive Software Solution for Collecting Personal Health Network Information in Appalachia. In *Association of Schools & Programs of Public Health Member Research and* Reports, August 17, 2017. Available from: http://www.aspph.org/kentucky-exploring-an-interactive-software-solution-for-collecting-personal-health-network-information-in-appalachia/

Gorjian, M. UKAccel Program Has First Graduating Class, Demo Day. In *University of Kentucky News (UKNow),* August 10, 2017. Available from:https://uknow.uky.edu/professional-news/ukaccel-program-has-first-graduating-class-demo-day

Nathe, C. Aug. 3 is Demo Day at UK. In *University of Kentucky News (UKNow)*, July 26, 2017. Available from: https://uknow.uky.edu/research/aug-3-demo-day-uk

Phillips, T. Entrepreneurship Effort Aimed at UK Researchers Launches Today. In *University of Kentucky News (UKNow)* and *The Lane Report,* April 13, 2017.Available from: https://uknow.uky.edu/research/entrepreneurship-effort-aimed-uk-researchers-launches-today and http://www.lanereport.com/75888/2017/04/entrepreneurship-effort-aimed-at-uk-researchers-launches-today/

Wells J. UK Faculty Receive Funding to Develop Responses to Opioid Injection. *University of Kentucky News (UKNow).* December 1, 2016.Available from: https://uknow.uky.edu/research/uk-faculty-receive-funding-develop-responses-opioid-injection-epidemic

Wells J. #IAmAWomanInSTEM Campaign Supports UK Women Pursuing STEM Careers. *University of Kentucky News (UKNow).* April 22, 2016. Available from: http://uknow.uky.edu/content/iamawomaninstem-campaign-supports-uk-women-pursuing-stem-careers

Adams E. Public Health Researcher Awarded Grant to Examine Lung Cancer Screening Behaviors in Appalachia. *University of Kentucky News (UKNow).* March 24, 2016. Available from: http://uknow.uky.edu/content/public-health-researcher-awarded-grant-examine-lung-cancer-screening-behaviors-appalachia

Association of Schools & Programs of Public Health. Kentucky Faculty on Team Awarded $7 Million Grant to Address Lung Cancer. ASPPH Connect – Faculty & Staff Honors. December 4, 2014. Available from: http://www.aspph.org/kentucky-faculty-on-team-awarded-7-million-grant-to-address-lung-cancer/

Powell M. Program Provides Professional, Personal Development for Researchers in Women's Health. *University of Kentucky News (UKNow).* June 19, 2014. Available from: https://uknow.uky.edu/research/biomedical/program-provides-professional-personal-development-researchers-womens-health

Adams E. UK Medical Students Observe Cuba's Socialized Health Care System. *University of Kentucky News (UKNow).* May 1, 2014. Available from:

http://uknow.uky.edu/content/uk-medical-students-observe-cubas-socialized-health-care-system

Melanson B. UK Scholar Gets Loan Repayment Grant for Health Disparities Research. October 14, 2013. Available from: http://uknow.uky.edu/content/uk-scholar-gets-loan-repayment-grant-health-disparities-research