


ARCHANA KRISHNAN

Department of Communication
University at Albany, State University of New York
Social Science 371, 1400 Washington Avenue
Albany, NY 12222

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EDUCATION

- Postdoctoral Fellowship** 2012-2015
Yale University School of Medicine
Mentor: Dr. Frederick L. Altice
- Ph.D. in Communication Sciences** 2011
University of Connecticut
Dissertation: *"Individual differences in users of online networking sites: The interplay between personality traits, communication and social motives, attitudes and level of activity"*
Dissertation Committee: Dr. David J. Atkin, Dr. Kirstie Farrar, Dr. Ross Buck
- M.A. in Communication Sciences** 2009
University of Connecticut
- M.S. in Visual Communication** 2005
SRM Institute of Science and Technology
Thesis: *"Gender differences in children's television advertising: A content analysis"*
Advisor: Dr. M. Neelamalar
- B.S. in Computer Science** 2002
University of Madras
-

RESEARCH INTERESTS

Computer-mediated communication/Communication technology
Mobile communication/mHealth
Health communication
Digital and social media
Behavioral research in global and public health
Scale development and validation
Media effects

ACADEMIC EMPLOYMENT

- Assistant Professor** Sept 2015-present
Department of Communication
University at Albany, State University of New York (SUNY)
- Affiliate Faculty** May 2017-present
Department of Information Science
University at Albany, SUNY
- Postdoctoral Research Associate** Apr 2012-Aug 2015
Yale AIDS Program, Yale University

Research Consultant
Yale AIDS Program, Yale University

Aug 2011-Mar 2012

Graduate Assistant
Human Rights Institute, University of Connecticut

Jan 2010-May 2011

Teaching Assistant / Lab and Website Administrator
Department of Communication Sciences, University of Connecticut

Aug 2005-May 2009

PROFESSIONAL EMPLOYMENT

Research Analyst Aug 2009-Dec 2009
CCEI (Connecticut Center for Entrepreneurship and Innovation), East Hartford

- Performed market analysis through primary data collection on the eco-friendly business sector in Connecticut.
- Prepared a whitepaper detailing growth potential, marketing opportunities and short-term business strategies for eco-friendly businesses.

Research Analyst May 2007-Aug 2007
GE Edgelab, Stamford

- Developed a multi-generational product plan and market strategy for GE's OLED (Organic Light Emitting Device) lighting product portfolio.
- Created a methodology to construct performance measures on potential OLED products.
- Delivered a price-product specification model resulting in the ability to forecast earnings and profitability.

PUBLICATIONS

Peer-Reviewed Journal Articles

Atkin, D. J., Lagoe, C., Stephen, T., & **Krishnan, A.** (2020). The evolution of research in Journalism and Communication: An analysis of scholarly CIOs-indexed journals from 1915-present. *Journalism and Mass Communication Educator*. In Press.

Brown, S. E., **Krishnan, A.**, Ranjit, Y. S., Marcus, R., & Altice, F. L. (2020). Assessing mobile health feasibility and acceptability among HIV-infected cocaine users and their healthcare providers: Guidance for implementing an intervention. *mHealth*, 6(4), 1-11. doi:10.21037/mhealth.2019.09.12

Krishnan, A., & *Zhou, X. (2019). Modeling the effect of health antecedents and social media engagement on healthy eating and quality of life. *Journal of Applied Communication Research*, 47(4), 365-380. doi:10.1080/00909882.2019.1654124

Krishnan, A. & Hunt, D. S. (2019). TTYL :-) ... Nonverbal cues and perceptions of personality and homophily in synchronous mediated communication. *Information, Communication & Society*, 1-17. doi:10.1080/1369118X.2019.1635183

Lagoe, C., **Krishnan, A.**, Atkin, D. J., & Stephen, T. (2019). What's in a name? Department name revision and its relationship to scholarly productivity and prestige score in the communication discipline. *Journal of the Association for Communication Administration*, 38(1), 12-22.

Ranjit, Y. S., Azbel, L., **Krishnan, A.**, Altice, F. L., & Meyer, J. P. (2019). Evaluation of HIV risk and outcomes in a nationally representative sample of incarcerated women in Azerbaijan, Kyrgyzstan and Ukraine. *AIDS Care*, 31(7), 793-797. doi:10.1080/09540121.2019.1573969



- *Zhou, X., & **Krishnan, A.** (2019). What predicts exercise maintenance and well-being? Examining the influence of health-related psychographic factors and social media communication. *Health Communication*, 34(6), 589-597. doi:10.1080/10410236.2018.1428851
- Khan, F., **Krishnan, A.**, Ghani, M., Wickersham, J. A., Fu, J., Lim, S., Dhaliwal, S. K., Kamarulzaman, A., & Altice, F. L. (2018). Assessment of an innovative voluntary substance abuse treatment program designed to replace compulsory drug detention centers in Malaysia. *Substance Use and Misuse*, 53(2), 249-259. doi:10.1080/10826084.2016.1267217
- Springer, S. A., Di Paola, A., Azar, M. M., Barbour, R., **Krishnan, A.**, & Altice, F. L. (2017). Extended-release naltrexone reduces alcohol consumption among released prisoners with HIV disease as they transition to the community. *Drug and Alcohol Dependence*, 174, 158-170. doi:10.1016/j.drugalcdep.2017.01.026
- Krishnan, A.**, & Cravero, C. (2017). A multipronged evidence-based approach to implement mHealth for underserved HIV-infected populations. *Mobile Media and Communication* 5(2), 194-211. doi:10.1177/2050157917692390
- Shrestha, R., Copenhaver, M., Bazazi, A. R., Heudo-Medina, T. B., **Krishnan, A.**, & Altice, F. L. (2017). A moderated mediation model of HIV-related stigma, depression, and social support on health-related quality of life among incarcerated Malaysian men with HIV and opioid dependence. *AIDS and Behavior*, 21(4), 1059-1069. doi:10.1007/s10461-017-1693-x
- Shrestha, R., Heudo-Medina, T. B., Altice, F. L., **Krishnan, A.**, & Copenhaver, M. (2017). Examining the acceptability of mHealth technology in HIV prevention among high-risk drug users in treatment. *AIDS and Behavior*, 21(11), 3100-3110. doi:10.1007/s10461-016-1637-x
- Ghosh, D., **Krishnan, A.**, Gibson, B., Brown, S. E., Latkin, C. A. & Altice, F. L. (2017) Social network strategies to address HIV prevention and treatment continuum of care among at-risk and HIV-infected substance users: A systematic scoping review. *AIDS and Behavior*, 21(4), 1183-1207. doi:10.1007/s10461-016-1413-y
- Krishnan, A.**, Brown, S. E., Ghani, M. A., Khan, F., Kamarulzaman, A., & Altice, F. L. (2016). Pretreatment drug use characteristics and experiences among patients in a voluntary substance abuse treatment center in Malaysia: A mixed-methods approach. *Substance Abuse*, 37(4), 542-549. doi:10.1080/08897077.2016.1146648
- Shrestha, R., **Krishnan, A.**, Altice, F. L., & Copenhaver, M. (2015). A non-inferiority trial of an evidence-based secondary HIV prevention behavioral intervention compared to an adapted, abbreviated version: Rationale and intervention description. *Contemporary Clinical Trials*, 44, 95-102. doi:10.1016/j.cct.2015.08.002
- Krishnan, A.**, & Hunt, D. S. (2015). Influence of a multidimensional measure of attitudes on motives to use social networking sites. *Cyberpsychology, Behavior, and Social Networking*, 18(3), 165-172. doi:10.1089/cyber.2014.0423
- Clemens, C., Atkin, D., & **Krishnan, A.** (2015). The influence of biological and personality traits on gratifications obtained through online dating websites. *Computers in Human Behavior*, 49, 120-129. doi:10.1016/j.chb.2014.12.058
- Krishnan, A.**, Ferro, E., Weikum, D., Vagenas, P., Lama, J. R., Sanchez, J., & Altice, F. L. (2015). Communication technology use and mHealth acceptance among HIV-infected men who have sex with men in Peru: Implications for HIV prevention and treatment. *AIDS Care*, 27(3), 273-282. doi:10.1080/09540121.2014.963014

- Krishnan, A.**, & Atkin, D. J. (2014). Individual differences in social networking site users: The interplay between antecedents and consequential effect on level of activity. *Computers in Human Behavior*, 40, 111-118. doi:10.1016/j.chb.2014.07.045
- Chitsaz, E., Meyer, J., **Krishnan, A.**, Springer, S. A., Marcus, R., Zaller, N., Jordan, A. O., Lincoln, T., Flanigan, T. P., Porterfield, J., & Altice, F. L. (2013). Contribution of substance use disorders on HIV treatment outcomes and antiretroviral medication adherence among HIV-infected persons entering jail. *AIDS and Behavior*, 17 Suppl 2, 118-127. doi:10.1007/s10461-013-0506-0
- Krishnan, A.**, Wickersham, J. A., Chitsaz, E., Springer, S. A., Jordan, A. O., Zaller, N., & Altice, F. L. (2013). Post-release substance abuse outcomes among HIV-infected jail detainees: Results from a multisite study. *AIDS and Behavior*, 17 Suppl 2, 171-180. doi:10.1007/s10461-012-0362-3
- Hunt, D. S., Atkin, D. J., & **Krishnan, A.** (2012). The influence of computer-mediated communication apprehension on motives for Facebook use. *Journal of Broadcasting and Electronic Media*, 56(2), 187-202. doi:10.1080/08838151.2012.678717

Peer-Reviewed Book Chapters

- Krishnan, A.** (2011). e-matchmaker, e-matchmaker, make me a match: Indian matrimonial services in the internet age. In K. St. Amant & S. Kelsey (Eds.), *Computer-Mediated Communication across Cultures: International Interactions in Online Environments* (pp. 17-31). Hershey, PA: IGI Global.

Under Review

- *Barbeisch, V., & **Krishnan, A.** Are you sending the right signals? Applying signaling theory to examine credibility and impression management on social media. Submitted to *Social Media and Society*.
- Dunn Lopez, K., Cravero, C., **Krishnan, A.**, Freire, V. S., & Culbert, G. Feasibility of a mHealth survey application for incarcerated and post-release people living with HIV in a low-resource setting. Revised and resubmitted to *Research in Nursing and Health*.
- Krishnan, A.**, Weikum, D., Wickersham, J. A., Cravero, C., Kamarulzaman, A., & Altice, F.L. Mobile technology use and mHealth acceptance among key HIV populations in Malaysia: Preliminary evidence for implementing mHealth strategies. Submitted to *PLoS One*.
- Ranjit, Y. S., **Krishnan, A.**, Earnshaw, V., Weikum, D., Ferro, E., Sanchez, J., & Altice, F. L. Psychometric evaluation and validation of the HIV Stigma Scale in Spanish among men who have sex with men and transgender women. Submitted to *Stigma and Health*.
- *Zhou, X., **Krishnan, A.**, & *Dincelli, E. Technology affordances in fitness tracker user interface and their effects on user engagement. Submitted to *Behavior and Information Technology*.

* Doctoral advisee

RESEARCH IN PROGRESS

- Hunt, D. S. & **Krishnan, A.** The relationship between social networking attitudes, use and emotional quality of life. (*Manuscript in preparation*)
- Krishnan, A.**, Ranjit, Y. S., Ghosh, D., Zhou, X., & Altice, F. L. Effect of smart pill boxes and communication feedback on ART adherence and persistence among HIV+ cocaine users. (*Data cleaning in progress*)
- Krishnan, A.**, & Khurana, P. Third-person effect of COVID-19 health messages and health efficacy. (*Data cleaning in progress*)



- Krishnan, A.**, Yang, F., & Khurana, P. Third-person perception related to compulsive mobile phone use, perceived risks and self-efficacy. (*Study instrument being pre-tested*)
- Krishnan, A.**, & *Zhou, X. Psychometric evaluation of the health consciousness scale. (*Data analysis in progress*)
- Krishnan, A.**, *Zhou, X., & Ranjit, Y. S. A trend analysis of e-cigarette information-seeking behavior and beliefs about cigarettes and nicotine. (*Data analysis in progress*)
- Ranjit, Y. S., **Krishnan, A.**, Ghosh, D., Cravero, C., Marcus, R., & Altice, F. L. An mHealth randomized controlled trial to improve ART adherence among HIV+ cocaine users: Rationale and intervention description. (*Manuscript in preparation*)
- *Zhou, X., *Dincelli, E., & **Krishnan, A.** Utilitarian features, affordances, and fitness tracker use: A test of an extended technology acceptance model. (*Data analysis in progress*)
- *Zhou, X., **Krishnan, A.**, & Ranjit, Y. S. Applying the transtheoretical stages to stratify smokers and examining their perceptions of e-cigarettes. (*Manuscript in preparation*)
- * Doctoral advisee

CONFERENCE PRESENTATIONS

- Atkin, D. J., Lagoe, C., Stephen, T., & **Krishnan, A.** (2020, August). The evolution of research in Journalism and Communication: An analysis of scholarly CIOs-indexed journals from 1915-present. *Poster presented at the annual conference of the Association for Education in Journalism and Mass Communication, San Francisco.* (Converted to virtual conference due to COVID-19)
- *Zhou, X. & **Krishnan, A.** (2020, May). Technology affordances of fitness trackers' user interface and their influence on engagement and use: Test of a motivational model. *Paper to be presented at the annual conference of the International Communication Association, Gold Coast, Australia.* (Converted to virtual conference due to COVID-19)
- *Barbeisch, V., & **Krishnan, A.** (2019, May). Are you sending the right signals? Applying signaling theory to examine credibility on image-oriented social media. *Paper presented at the annual conference of the International Communication Association, Washington, D.C.*
- Krishnan, A.**, #Tirpak, K., & *Zhou, X. (2019, May). Does age predict trust in sources of e-cigarette and tobacco information? Findings from the 2017 HINTS-FDA. *Poster presented at the HINTS Data Users Conference, Bethesda, MD.*
- Krishnan, A.**, *Zhou, X., & Ranjit, Y. S. (2019, May). Association between e-cigarette information-seeking behavior and beliefs about cigarettes and nicotine. *Paper presented at the HINTS Data Users Conference, Bethesda, MD.*
- Hunt, D. S. & **Krishnan, A.** (2019, April). The impact of social media use on emotional quality of life. *Paper presented at the annual conference of the Eastern Communication Association, Providence, RI.*
- *Barbeisch, V., & **Krishnan, A.** (2019, April). Let's talk about consent: A content analysis of conversations around sexual content on Twitter. *Poster presented at the annual conference of the Eastern Communication Association, Providence, RI.*
- Lagoe, C., **Krishnan, A.**, Atkin, D. J., & Stephen, T. (2019, April). What's in a name? Department name revision and its relationship to scholarly productivity and prestige score in the communication discipline. *Paper presented at the annual conference of the Broadcast Education Association, Las Vegas, NV.*
[Top Paper Award]

- *Zhou, X., **Krishnan, A.**, & Ranjit, Y. S. (2018, Nov). A stratified analysis of smokers and their perceptions of e-cigarettes. *Poster presented at the annual meeting of the American Public Health Association, San Diego, CA.*
- Ranjit, Y. S., Azbel, L., **Krishnan, A.**, Meyer, J. P. & Altice, F. L. (2018, June). HIV and drug use among women in prisons in Azerbaijan, Kyrgyzstan and Ukraine. *Poster presented at the NIDA International Forum, San Diego, CA.*
- Ranjit, Y. S., **Krishnan, A.**, & *Zhou, X. (2018, May). Online health information-seeking and attention to Food and Drug Administration (FDA) warnings. (2018, May). *Paper presented at the annual conference of the International Communication Association, Prague, Czech Republic.*
- Krishnan, A.**, Weikum, D., Wickersham, J. A., Cravero, C., Kamarulzaman, A., & Altice, F.L. (2018, May). Assessing mobile technology use and mHealth acceptance among underserved HIV+ populations in Malaysia. *Paper presented at the annual conference of the International Communication Association, Prague, Czech Republic.*
- *Zhou, X. & **Krishnan, A.** (2017, Nov). Examining the role of psychographic and communication antecedents on healthy eating behaviors. *Poster presented at the annual conference of the National Communication Association, Dallas, TX.*
- *Zhou, X., & **Krishnan, A.** (2017, Nov). Examining the antecedents of exercise maintenance, and physical and psychological well-being. *Paper presented at the annual meeting of the American Public Health Association, Atlanta, GA. [Top 3 Paper Award]*
- Brown, S. E., **Krishnan, A.**, Ranjit, Y. S., Marcus, R., & Altice, F. L. (2017, Oct). Assessing feasibility and acceptability of mHealth among underserved HIV+ cocaine users and their healthcare providers. *Poster presented at the Connected Health Conference, Boston, MA.*
- *Zhou, X., & **Krishnan, A.** (2017, May). The influence of health-related psychographic factors and social media activity on exercise maintenance and well-being. *Paper presented at the annual conference of the International Communication Association, San Diego, CA.*
- Springer, S. A., Azar, M.M., Barbour, R., **Krishnan, A.**, Altice, F. L. & Di Paola, A. (2016, July). Extended-release naltrexone reduces time to heavy drinking among HIV+ released prisoners with alcohol use disorders. *Paper presented at the 21st International AIDS Conference, Durban, South Africa.*
- Krishnan, A.**, Wickersham, J. A., Ferro, E., & Altice, F. L. (2016, July). Factors associated with Malaysian HIV providers' decisions in prescribing antiretroviral therapy for HIV-infected patients who use alcohol. *Paper presented at the 14th Communication, Medicine & Ethics (COMET) conference, Aalborg, Denmark.*
- Krishnan, A.**, Clemens, C., & Wickersham, J. A. (2016, April). Attitudes of Indians towards lesbian and gay men: Results from a pilot survey. *Paper presented at the annual conference of the Eastern Communication Association, Baltimore, MD.*
- Krishnan, A.**, DiPaola, A., Winn, T., Altice, F. L., & Springer, S. A. (2015, March). Extended-release naltrexone could reduce relapse to alcohol use for criminal justice populations living with HIV who are transitioning to the community. *Poster presented at the 8th Academic and Health Policy Conference on Correctional Health, Boston, MA.*
- Krishnan, A.**, Brown, S. E., Khan, F., Ghani, M., Kamarulzaman, A., & Altice, F. L. (2014, June). Prevalence of pre-treatment drug use among patients in a voluntary substance abuse treatment centre in Malaysia. *Poster presented at the NIDA International Forum, San Jose, Puerto Rico.*



- Krishnan, A.**, Azbel, L., Wickersham, J. A., & Altice, F. L. (2014, June). Prevalence of substance use disorders and HIV among female prisoners in Ukraine. *Poster presented at the annual conference of the College on Problems of Drug Dependence and the InWomen Conference, San Jose, Puerto Rico.*
- Brown, S. E., **Krishnan, A.**, Khan, F., Ghani, M., Kamarulzaman, A., & Altice, F. L. (2014, June). Patients' economic considerations of treatment for methamphetamine and opiate use at an innovative drug treatment center in Malaysia. *Poster presented at the annual conference of the College on Problems of Drug Dependence, San Jose, Puerto Rico.*
- Clemens, C., Atkin, D. J., & **Krishnan, A.** (2013, May). The role of sexual orientation and personality traits on gratifications obtained through online dating websites. *Paper presented at the annual conference of the International Communication Association, London, UK.*
- Khan, F., Ghani, M., **Krishnan, A.**, Wickersham, J. A., Fu, J., Lim, H., Kamarulzaman, A., & Altice, F. L. (2013, April). An evaluation of treatment and service outcomes for harm reduction at the Cure and Care Center in Kota Bharu, Malaysia. *Poster presented at the Global Health and Innovation Conference, New Haven, CT.*
- Krishnan, A.**, & Atkin, D. J. (2012, Nov). Individual differences in social networking site users: The interplay between antecedent variables and the subsequent effect on level of activity. *Paper presented at the annual conference of the National Communication Association, Orlando, FL.*
- Hunt, D., Atkin, D., & **Krishnan, A.** (2012, Oct). Predicting adoption and use of Facebook: The role of personality traits and media use motivations. *Poster presented at the annual meeting of the New England Psychological Association, Worcester, MA.*
- Krishnan, A.**, & Hunt, D. S. (2012, May). Examining the influence of attitudes on motives to use social networking sites. *Paper presented at the annual conference of the International Communication Association, Phoenix, AZ.*
- Wickersham, J. A., & **Krishnan, A.**, & Rios, D. (2012, April). Towards an improved measure of attitudes toward transsexuals: A scale development and validation study. *Paper presented at the annual conference of the Eastern Communication Association, Cambridge, MA.*
- Krishnan, A.** (2010, Nov). Attributions of homophily and personality through nonverbal cues in synchronous online interactions. *Paper presented at the annual conference of the National Communication Association, San Francisco, CA.*
- Krishnan, A.** (2010, April). Reflexivity in the process of conducting content analysis. In Wickersham, J. A. (Chair), Reflexivity in the research process: Role, theory, and praxis. *Panel presented at the annual conference of the Eastern Communication Association, Baltimore, MD.*
- Krishnan, A.** (2009, Nov). The effect of presentation styles of newscasters on parasocial interaction: A cross cultural study. *Paper presented at the annual conference of the National Communication Association, Chicago, IL.*
- Wickersham, J. A., & **Krishnan, A.** (2009, Nov). Childhood gender nonconformity and the development of internalized homophobia in gay men. *Paper presented at the annual conference of the National Communication Association, Chicago, IL.*
- Krishnan, A.**, & Wickersham, J. A. (2009, April). Gender role differences in children's television advertising in India: A content analysis. *Paper presented at the annual conference of the Eastern Communication Association, Philadelphia, PA.*
- Kotz, J., **Krishnan, A.**, & Wickersham, J. A. (2007, Nov). Structural equation modeling: The state of the art in communication science. *Paper presented at the annual conference of the National Communication Association, Chicago, IL.*



Nowak, K., Hamilton, M., Hammond, C., & **Krishnan, A.** (2007, May). Evaluations of avatars: Anthropomorphic, realistic and gendered imagery as triggers of charisma effects. *Paper presented at the annual conference of the International Communication Association, San Francisco, CA.*

* Doctoral advisee

Undergraduate student

HONORS AND AWARDS

Emerging Scholar Research Award <i>Mobile Communication Interest Group, International Communication Association</i>	2020
Individual Development Award <i>New York State/United University Professions (UUP) Joint Labor-Management Committees</i>	2018-2020
Top Paper Award <i>Broadcast Education Association; Curriculum, Assessment and Administration Division</i>	2019
Profiled in the Annual Research Report 'Pathways to Health' <i>Office of the Vice President for Research; University at Albany, SUNY</i>	2017
Top 3 Paper Award <i>American Public Health Association; Physical Activity Division</i>	2017
mHealth Research Scholar <i>Named by the UCLA mHealth Training Institute and funded by NIH/NIDA grant 1R25DA038167</i>	2016
NIDA Travel Award <i>NIDA International Forum</i>	2014
InWomen Investigator Travel Award <i>International Women's and Children's Health and Gender Working Group</i>	2014
Doctoral Dissertation Fellowship Award <i>UConn Graduate School</i>	2011
Doctoral Student Extraordinary Expense Award <i>UConn Graduate School</i>	2011
Graduate Research Spring Fellowship <i>UConn Department of Communication Sciences</i>	2010
Summer Research Fellowship <i>Vice Provost for Graduate Education, UConn</i>	2007-2009
University Gold Medalist in Visual Communication <i>SRM Institute of Science and Technology</i>	2005

GRANT FUNDING

Funded

Differential Impacts of COVID-19 in New York State: Understanding and Eliminating Minority Health Disparities in a 21st Century Pandemic

Title: Capital region collaborative community survey project to document disparate impacts of COVID-19

Principal Investigators: Lawrence M. Schell & Annis G. Golden

Role: Co-Investigator



Period: 09/01/2020 – 11/30/2020

Funding amount: \$6930

ICA Mobile Communication Interest Group (MCIG) Emerging Scholar Research Award

Title: Assessing third-person perceptions of compulsive mobile phone use

Role: Principal Investigator

Period: 06/01/2020 – 05/31/2021

Funding amount: \$500

Faculty Research Awards Program Category A (FRAP-A)

Title: Development of a smartphone app to conduct ecological momentary assessment of risk behaviors among HIV+ MSM in Peru

Role: Principal Investigator

Period: 05/01/2020 – 04/30/2022

Funding amount: \$10,000

NIDA R21 mHealth Tools for Individuals with Chronic Conditions to Promote Effective Patient-Provider Communication, Adherence to Treatment and Self-Management

Title: Improving antiretroviral adherence and persistence using mHealth tools in HIV-infected cocaine users

Principal Investigator: Frederick L. Altice

Role: Co-Investigator; Principal Investigator on subaward

Period: 08/01/2016 – 07/31/2018 (NCE till 07/31/2019)

Funding amount: \$460,625

UAlbany NIMHD Endowment (S-21) Health Disparities Graduate Course Development Grant

Description: Adapting a self-developed graduate course ‘Graduate Seminar in Communication Technology, New Media, and Health’ to focus on the impact of digital technologies in addressing health disparities

Role: Principal Investigator

Period: 08/01/2018 – 05/31/2019

Funding amount: \$2,000

Bristol-Myers Squibb Fellows Research Program AI424-954

Title: Using text messaging reminders to improve retention in care for HIV-infected jail detainees

Role: Principal Investigator

Period: 03/12/2013 – 09/12/2014

Funding amount: \$30,000

In Preparation

The Social Science Research Council (SSRC) Just Tech COVID-19 Rapid-Response Grant

Title: Documenting the digital divide among minority populations during the COVID-19 pandemic

Role: Principal Investigator

Period: 2020

Funding amount: \$8000

Unfunded Proposals

NIDA K01 Mentored Research Scientist Development Award

Title: Feasibility of Intervening using mHealth in Substance-Using MSM with HIV

Role: Principal Investigator

Period: 2019

Funding amount: \$926,760



NIMH R21 Innovations in HIV Testing, Adherence, and Retention to Optimize HIV Care Continuum Outcomes

Title: Using mHealth tools to strengthen adherence to antiretroviral therapy among HIV-infected patients using marijuana

Principal Investigator: Sheela Shenoi

Role: Co-Investigator

Period: 2018

Funding amount: \$275,000

NIDA R21 Targeted Basic Behavioral and Social Science and Intervention Development for HIV Prevention and Care

Title: Developing an mHealth application to prevent and treat HIV among people who inject drugs

Principal Investigator: Frederick L. Altice

Role: Co-Investigator

Period: 2018

Funding amount: \$275,000

NIMHD R01 Health Services Research on Minority Health and Health Disparities

Title: Strategies for improving injury prevention information dissemination to rural parents

Principal Investigator: Jennifer Manganello

Role: Co-Investigator

Period: 2017

Funding amount: \$2,496,700

NIMHD U54 Specialized Centers of Excellence on Minority Health and Health Disparities

Title: The UAlbany specialized center of excellence for the elimination of health disparities among young children from racial/ethnic minority and other underserved populations in small cities and rural areas

Principal Investigator: Lawrence M. Schell

Role: Co-Investigator

Period: 2017

Funding amount: \$4,750,000

CIRA Pilot Projects in HIV/AIDS Prevention Research Program

Title: Feasibility assessment and usability testing of a mHealth intervention to improve antiretroviral adherence among HIV-infected cocaine users

Principal Investigator: Yerina Ranjit

Role: Co-Investigator

Period: 2016

Funding amount: \$20,000

Gilead Sciences Research Scholars Program in HIV

Title: mHealth intervention to improve antiretroviral adherence and persistence among HIV-infected cocaine users

Role: Principal Investigator

Period: 2015

Funding amount: \$130,000

PhRMA Foundation Young Investigator Postdoctoral Fellowship Grant

Title: mHealth-based intervention to improve medication adherence in Hepatitis C virus-infected patients with co-occurring substance use disorders

Role: Principal Investigator

Period: 2014

Funding amount: \$49,999



NIH R21 Using Social Media to Understand and Address Substance Use and Addiction

Title: Using online discussion boards to examine opioid self-treatment and diversion

Principal Investigator: Frederick L. Altice

Role: Postdoctoral Researcher

Period: 2014

Funding amount: \$275,000

NIH R34 Technology-based Interventions to Promote Engagement in Care and Treatment Adherence for Substance Abusing Populations with HIV

Title: mHealth technology and antiretroviral adherence among HIV+ cocaine users

Principal Investigator: Frederick L. Altice

Role: Lead Postdoctoral Researcher

Period: 2013

Funding amount: \$329,546

Revised and resubmitted under new program announcement that was eventually funded

CIRA Pilot Projects in HIV/AIDS Prevention Research Program

Title: Development of integrated mobile phone technology to promote antiretroviral adherence and retention in care among people with HIV and substance use disorders

Principal Investigators: Jaimie P. Meyer, Jeffrey Wickersham

Role: Collaborator

Period: 2011

Funding amount: \$24,997

PAST RESEARCH SUPPORT

NIDA R01 DA032290

05/01/2012 – 03/31/2017

Principal Investigator: Michael Copenhaver

Role: Postdoctoral researcher

Title: Secondary HIV Prevention and Adherence among Drug Users

Description: RCT comparative effectiveness trial to test the efficacy and cost-effectiveness of an adapted, brief, version of an evidence-based intervention (EBI) called Holistic Health for HIV (3H+) vs. the original EBI - Holistic Health Recovery Program for HIV+ drug users (HHRP+).

NIDA R01 HD075630

09/01/2012 – 08/31/2016

Principal Investigator: Nancy Petry

Role: Postdoctoral researcher

Title: ART Adherence and Secondary Prevention of HIV

Description: RCT using contingency management (CM) versus CM + video direct observation among HIV-infected patients with problematic medication adherence.

NIAAA R01 AA018944

09/30/2009 - 08/31/2014

Principal Investigators: Sandra Springer, Frederick L. Altice

Role: Postdoctoral researcher

Title: Alcohol Pharmacotherapies among Released Prisoners

Description: Placebo-controlled, RCT of extended-release naltrexone (XR-NTX) for HIV-infected released prisoners with alcohol dependence.

INVITED PRESENTATIONS AND TALKS

Krishnan, A. (2019, June). Mobile health to address healthcare disparities among undeserved HIV populations. *Summer Program in Translational Disparities and Community Engaged Research (SPRINTER)*, Center for the Elimination of Minority Health Disparities, University at Albany, SUNY.



- Krishnan, A.** (2018, March). mHealth (mobile health) strategies to improve health outcomes among key HIV populations. *Information Science Ph.D. Seminar, University at Albany, SUNY.*
- Krishnan, A.** (2017, August). Preliminary evidence for implementing mHealth interventions among underserved populations in Malaysia. *Yale Clinical and Community Research Seminar Series, Yale University.*
- Krishnan, A.** (2015, May). The effect of extended-release naltrexone on alcohol outcomes and ART adherence among HIV-infected prisoners transitioning to the community. *Yale Clinical and Community Research Seminar Series, Yale University.*
- Krishnan, A.** (2014, Nov). Factors associated with deferring antiretroviral therapy for HIV-infected patients who use alcohol: Results from a survey of HIV care providers in Malaysia. *ID/RHEUM Research Series, Yale University.*
- Krishnan, A.** (2014, Nov). Coming full circle: A synergistic approach to communication, media and health research. *Department of Communication, University at Albany, SUNY.*
- Krishnan, A.** (2014, Feb). Making the case for mHealth interventions in HIV and substance abuse research. *ID/RHEUM Research Series, Yale University.*
- Krishnan, A.** (2013, Oct). Access, utilization, and acceptance of communication technology among HIV+ MSM in Peru: Findings and opportunities. *Yale Clinical and Community Research Seminar Series, Yale University.*
- Chitsaz, E., & **Krishnan, A.** (2012, Mar). Contribution of substance use on healthcare utilization and treatment adherence among HIV-infected jail detainees and substance abuse outcomes post-release. *Yale Clinical and Community Research Seminar Series, Yale University.*
- Krishnan, A.** & Proulx, S. (2007, May). UConn Library reserve system: Analysis and recommendations. *Homer D. Babbidge Library, University of Connecticut.*
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TEACHING

Graduate Courses

ACOM 610 – Communication Technology, New Media, and Health

University at Albany, SUNY

- Developed course in Spring 2016
- Course was funded by the UAlbany NIMHD Endowment (S-21) Health Disparities Graduate Course Development Grant to be adapted to focus on health disparities
- Fulfills social determinants course requirement for the Health Disparities Certificate

ACOM 590 – Computer-Mediated Communication

University at Albany, SUNY

- Developed course in Fall 2016
- Received funding as part of the Online Teaching and Learning (OTL) Initiative to adapt as an online course
- Fulfills organizational communication course requirement for the Graduate Certificate in Communication

ACOM 659 – Communication Research Methods II

University at Albany, SUNY

- Developed course in Spring 2018 to fulfil advanced statistical training requirement for doctoral students



Undergraduate Courses

ACOM 340 – Health Communication

University at Albany, SUNY

- Adapted course in Fall 2016

ACOM 343 – New Media and Health

University at Albany, SUNY

- Developed course in Fall 2015

COMM 1100 – Principles of Public Speaking

University of Connecticut

COMM 1000 – The Process of Communication

University of Connecticut

GUEST LECTURES

An introduction to mHealth

Apr 2016-2019

HSPH 343 – Mass Media and Health Behavior

School of Public Health, University at Albany, SUNY

Co-occurrence of HIV and substance use disorders: Lessons from the U.S. and beyond

Oct 2016

ASOC 389 – The Global HIV/AIDS Epidemic

Department of Sociology, University at Albany, SUNY

HIV and substance abuse research in developing countries

Apr 2014

SOCI 3701W – The Developing World

Department of Sociology, University of Connecticut

You're cordially invited: Indian arranged marriages in the internet age

Apr 2007, Mar 2010

COMM 4460 – Cross-cultural Communication

Department of Communication Sciences, University of Connecticut

Introduction to descriptive statistics

Oct 2004

Communication Research Methods

Department of Visual Communication, SRM Institute of Science and Technology

ADVISING

Ph.D. Advisees

Committee Chair

- Victoria Barbeisch (*reached doctoral candidacy*)
- Don Harris - Department of Information Science (*in progress*)
- Pallavi Khurana (*in progress*)
- Xin Zhou (*Co-Chair; graduated in 2019; Postdoctoral Research Associate, Yale AIDS Program*)

Committee Member

- Kevin Buchan - Department of Information Science (*ABD*)
- Ersin Dincelli - Department of Information Science (*graduated in 2018; Assistant Professor of Information Systems, University of Colorado Denver*)
- Xiaoke Yang (*left program*)



External Reader

- Roman Shrestha - Department of Allied Health Sciences, University of Connecticut (*graduated in 2017; Associate Research Scientist, Yale School of Medicine*)

M.A. and B.A./M.A. Advisees

- Tara Belinsky (*graduated with M.A. in 2019*)
- Victoria Bray
- Natalie Cosentino
- Kathryn Dara
- Jessica Fequiere (*graduated with M.A. in 2018*)
- Monet Felton
- Crystal N. Francis
- Rebecca Kelly (*graduated with M.A. in 2019*)
- Annie Lindh
- Sagar Ndao
- David C. Nichols (*graduated with B.A. in 2018; left M.A. Program*)
- Juniareen Pun
- Shannon Rocks
- Zoe A. Roswell
- Andrea Russell (*graduated with M.A. in 2017*)
- Kate Sesselman (*graduated with B.A. in 2018; left M.A. Program*)
- Aliya Sider
- Alexandra Stankus (*graduated with M.A. in 2020*)
- Alisha Warson
- Kassandra White

SERVICE

Service to the Discipline

Review Board Member

- American Journal of Health Behavior

Ad-Hoc Reviewer

- AIDS and Behavior
- Asian Journal of Communication
- BMC Public Health
- Behavioral Medicine
- Communication Quarterly
- Computers in Human Behavior
- Cyberpsychology, Behavior, and Social Networking
- Health Communication
- Journal of Broadcasting and Electronic Media
- Journal of Computer-Mediated Communication
- Journal of Studies on Alcohol and Drugs
- Journalism and Mass Communication Quarterly
- Mobile Media and Communication
- PLoS One
- Social Media and Society
- The Lancet Digital Health



Book Reviewer

- Computer-Mediated Communication across Cultures: International Interactions in Online Environment

Conference Reviewer

- Health Informatics Information Technology program; APHA Conference 2020
- Americas Conference on Information Systems (AMCIS), 2020
- Communication and Technology Division; ICA Conference 2020
- Mobile Communication Interest Group; ICA Conference 2020
- Alcohol, Tobacco and Other Drugs Section; APHA Conference 2019
- Health Communication Division; NCA Conference 2018
- Human Communication and Technology Division; NCA Conference 2014, 2015, 2017, 2018
- Graduate Poster Competition; ECA Conference 2016
- Communication and Technology Division; ECA Conference 2015
- Applied Communication Division; NCA Conference 2013
- 3rd Annual James C. McCroskey and Virginia P. Richmond Undergraduate Scholars Conference

Conference Session Chair

- Scholarship Potpourri: Exciting Developments in Relationships, Technology, and Health; Communication and Technology Division, ICA 2020
- Effect of user-generated comments, rating and “likes” on health-related outcomes; Health Communication Division, ICA 2018
- Innovative uses of social media in pedagogy and research; Communication and Technology Interest Group, ECA 2016

Grant Reviewer

- Peer reviewer, NIH R34 grant proposal (PI, Chan, P. A. & van den Berg, J.), Center for Interdisciplinary Research on AIDS
- Peer reviewer, NIH R34 grant proposal (PI, Pachankis, J.), Center for Interdisciplinary Research on AIDS

Service to the Department

Chair, Committee for Graduate Student in Communication Research Award	2016, 2020
BA/MA Program Coordinator	2017-present
Member, Wilkie Award Committee	2018
Member, Search Committee for Associate Professor	2017
Core Member, Search Committee for Assistant Professor	2016
Member, Search Committee for Academic Advising Assistant	2016
Member, Search Committee for Assistant Professor	2015

Service to the University

Member, COVID-19 Minority Health Disparities Engaged Researchers Working Group <i>Differential Impacts of COVID-19 in New York State: Understanding and Eliminating Minority Health Disparities in a 21st Century Pandemic</i>	2020
Departmental Representative, CAS Faculty Council	2017-2019
Faculty Representative, CURCE Fall Fair	2018



Peer Reviewer, Presidential Innovation Fund for Research and Scholarship (PIFRS) Program	2016
Faculty Representative, University Open House	2016-2017

PROFESSIONAL DEVELOPMENT

Designing for Online Learning <i>Series of 5 workshops hosted by the Institute for Teaching, Learning and Academic Leadership (ITLAL) University at Albany, SUNY</i> (Letter of Recognition for completing the entire series)	2019
Research Proposal Writing Seminar Course <i>Year-long seminar course organized by the Division for Research, University at Albany, SUNY</i> (Application competitively selected)	2017-2018
Designing and Implementing In-Class Activities for Student Learning <i>Workshop hosted by the Institute for Teaching, Learning and Academic Leadership (ITLAL) University at Albany, SUNY</i>	2017
Teaching with Cases <i>Workshop hosted by the Institute for Teaching, Learning and Academic Leadership (ITLAL) University at Albany, SUNY</i>	2017
Introduction to R <i>Workshop sponsored by the Center for Social and Demographic Analysis (CSDA) University at Albany, SUNY</i>	2016
UCLA mHealth Training Institute (mHTI) <i>Week-long training workshop hosted by UCLA and funded by NIH/NIDA grant 1R25DA038167</i> (Application competitively selected)	2016
Faculty Success Program <i>12-week professional development course hosted by the National Center for Faculty Development & Diversity</i> (Application competitively selected by the Office of the Senior Vice President for Academic Affairs and Provost, University at Albany, SUNY)	2016
NIH mHealth Winter Training Institute <i>Two-day workshop hosted by the National Institutes of Health and mHealth Summit, Washington, D.C.</i>	2014
Effective Virtual Class Communication <i>Seminar hosted by the Institute for Teaching and Learning, University of Connecticut</i>	2010
Race and Cultural Communication in the Classroom <i>Short course hosted by the Eastern Communication Association, Baltimore, MD</i>	2010
National Conference on Latino Politics, Power and Policy: Findings from the Latino National Survey <i>Workshop symposium hosted by the Center for the Study of Race and Ethnicity in America, Brown University</i>	2009
Introduction to SAS <i>Workshop hosted by the Roper Center for Public Opinion Research, University of Connecticut</i>	2006

ADDITIONAL QUALIFICATIONS AND SKILLS

Level 1 French Certification Course
Alliance Française de Madras, India



Certificate of Achievement in Business English
Linguaphone Institute Ltd., London

Statistical software
SPSS, AMOS, R, SAS, CFA, PATH, JMP, Weka, SimStat

Programming languages
C, C++, HTML, JAVA, COBOL, FORTRAN, PASCAL, PYTHON

Multimedia packages
Photoshop, Flash, Dreamweaver, Illustrator, Premiere, Director, Sound Forge, 3D Studio Max, Poser, Tableau

PROFESSIONAL AFFILIATIONS

Member, International Communication Association (ICA)

Member, National Communication Association (NCA)

Member, American Public Health Association (APHA)

Research Affiliate, Center for Interdisciplinary Research on AIDS (CIRA), Yale University

Research Affiliate, Institute for Collaboration on Health, Intervention, and Policy (InCHIP), University of Connecticut

Research Associate, Center for Social and Demographic Analysis (CSDA), University at Albany, SUNY

Research Associate, Center for the Elimination of Minority Health Disparities (CEMHD), University at Albany, SUNY

Member, UConn eHealth/mHealth Research Interest Group

MEDIA COVERAGE

UAlbany Division for Research (2019, March 27). Check out UAlbany's Dr. Archana Krishnan's pub featured by Mobile Media & Communication bit.ly/2CG4OVD where she is part of a series celebrating female scholars on Inter'l Women's Day. Her paper has been made open-access for several weeks! @UAlbany @mobilemediacomm [Twitter Post]. Retrieved from <https://twitter.com/ResearchUAlbany/status/1110931398544842752>

Mobile Media & Communication (2019, March 15). Second in our series highlighting female scholars in celebration of #IWD2019: A. Krishnan and C. Cravero's excellent article "A multipronged evidence-based approach to implement mHealth for underserved HIV-infected populations". Now #openaccess [Twitter Post]. Retrieved from <https://twitter.com/mobilemediacomm/status/1106524097457078272>

Livernois, C. (2017, April 18). mHealth improves HIV patient engagement, access to care. *Clinical Innovation + Technology*. Retrieved from <https://www.clinical-innovation.com/topics/mobile-telehealth/mhealth-improves-hiv-patient-engagement-access-care>

Staff Editor. (2017, April 10). Mobile phones improve outcomes for HIV-positive people across the globe. *HealthNewsDigest.com*. Retrieved from http://www.healthnewsdigest.com/news/HIV_Issues_700/Mobile-Phones-Improve-Outcomes-for-HIV-Positive-People-Across-the-Globe.shtml



- Staff, S. X. (2017, April 7). Mobile phones improve outcomes for HIV-positive people across the globe. *Medical Xpress*. Retrieved from <https://medicalxpress.com/news/2017-04-mobile-outcomes-hiv-positive-people-globe.html>
- University at Albany, Media Relations Office (2017, April 7). *Mobile response: Study finds mobile technology can help vulnerable populations with HIV* [Press Release]. Retrieved from <http://www.albany.edu/news/78151.php>
- Paridis, M. (2013, January 24). UConn study: Some people find Facebook more entertaining than others. *UConn Today*. Retrieved from <http://today.uconn.edu/2013/01/uconn-study-some-people-find-facebook-more-entertaining-than-others/>
- Fitzgerald, B. (2012, July 5). Facebook study explains why we spend so many hours stalking each other. *The Huffington Post*. Retrieved from http://www.huffingtonpost.com/2012/07/04/facebook-study-shows-we-u_n_1644061.html
- McCann, A. (2012, July 3). Why do we still go on Facebook? *Buzzfeed.com*. Retrieved from <http://www.buzzfeed.com/atmccann/why-do-we-still-go-on-facebook#orh9t2>
- Hess, S. (2012, June 29). New Facebook study reveals motivation behind Facebook visits. *Web Pro News*. Retrieved from <http://www.webpronews.com/new-facebook-study-reveals-motivation-behind-facebook-visits-2012-06>
- Copeland, D. (2012, June 29). Study: Personality plays a role in why you spend too much time on Facebook. *Read Write Web*. Retrieved from <http://readwrite.com/2012/06/29/study-personality-plays-a-role-in-why-you-spend-too-much-time-on-facebook/>
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Updated: September 15, 2020
Archana Krishnan, Ph.D.

