

CURRICULUM VITAE

CHANDA PHELAN KANE

PERSONAL INFORMATION

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EDUCATION

2009 Bachelor of Arts, English
Pomona College
2014 Masters of Science, Information
University of Michigan School of Information
2022 Ph.D., Information
University of Michigan School of Information
2022- NIDA T32 Postdoctoral fellow, Center for Alcohol and Addiction Studies
Brown University

HONORS AND AWARDS

2024-2025 MIT SUD Ventures Bootcamp: SUD Research Fellow
2022-2025 NIDA T32 Postdoctoral Fellow, Brown University
2016 Outstanding Graduate Instructor of the Year, University of Michigan School of Information
2016 Best paper, honorable mention, CHI 2016
2014-2019 Rackham Merit Fellow, University of Michigan
2012-2014 UMSI Merit Scholar, University of Michigan School of Information

PROFESSIONAL TRAINING

2025 MIT xPRO Designing and Building AI Products and Services
2024-2025 MIT SUD Ventures Bootcamp: Entrepreneurship

PROFESSIONAL EXPERIENCE

2020-2022 *Research intern:* Parkview Health Mirro Center for Research & Innovation
2019 *Research and data lead:* Workit Health
2016-2017 *App development manager:* University of Michigan COTWINS project

NATIONAL OR INTERNATIONAL SERVICE

Editorial Responsibilities

- 2024- Assistant editor & mentor, American Psychological Association Promoting Underrepresented Minorities in Psychology (PUMP) Mentorship program
2017 Program committee member, *CHI Late Breaking Work*

Journal Manuscript Reviewer

Journal of Medical Internet Research (JMIR): 2025, 2024

Journal for Substance Abuse and Treatment (JSAT): 2024

Digital Health: 2025, 2024

Conference on Human Factors in Computing Systems (CHI): 2025, 2023, 2022, 2021, 2019, 2017, 2016, 2015

Computer Supported Cooperative Work (CSCW): 2024, 2019

User Interface Software and Technology (UIST): 2022

PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. **Phelan, C.**, Lampe, C., & Resnick, P. (2016, May). It's creepy, but it doesn't bother me. In *Proceedings of the 2016 CHI conference on human factors in computing systems* (pp. 5240-5251). <https://doi.org/10.1145/2858036.2858381>
2. Brazel, D., Corley, R., **Phelan, C.**, Frieser, M., Subramonyam, H., Rhea, S. A., ... & Vrieze, S. (2017, November). The application of ecological momentary assessment and geolocation to a longitudinal twin study of substance use. In *Behavior Genetics* (Vol. 47, No. 6, pp. 676-677). Springer.
3. Moser, C., **Phelan, C.**, Resnick, P., Schoenebeck, S. Y., & Reinecke, K. (2017, May). No such thing as too much chocolate: evidence against choice overload in e-commerce. In *Proceedings of the 2017 CHI Conference on Human Factors in Computing Systems* (pp. 4358-4369). <https://doi.org/10.1145/3025453.3025778>
4. Datta, S., **Phelan, C.**, & Adar, E. (2017). Identifying misaligned inter-group links and communities. *Proceedings of the ACM on Human-Computer Interaction, 1*(CSCW), 1-23. <https://doi.org/10.1145/3134672>
5. **Phelan, C.**, Hullman, J., Kay, M., & Resnick, P. (2019, May). Some prior (s) experience necessary: Templates for getting started with Bayesian analysis. In *Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems* (pp. 1-12). <https://doi.org/10.1145/3290605.3300709>
6. Pater, J., Coupe, A., Pfafman, R., **Phelan, C.**, Toscos, T., & Jacobs, M. (2021, May). Standardizing reporting of participant compensation in HCI: A systematic literature review and recommendations for the field. In *Proceedings of the 2021 CHI conference on human factors in computing systems* (pp. 1-16). <https://doi.org/10.1145/3411764.3445734>
7. Pater, J. A., **Phelan, C.**, Cornet, V. P., Ahmed, R., Colletta, S., Hess, E., & Toscos, T. (2021). User-Centered Design of a Mobile App to Support Peer Recovery in a Clinical Setting. *Proceedings of the ACM on Human-Computer Interaction, 5*(CSCW1), 1-31. <https://doi.org/10.1145/3449186>

8. **Phelan, C.**, Heyer, J., Pfafman, R., Kerrigan, C., Tzilos Wernette, G., Dombrowski, L., Miller, A., and Pater, J. (2022, November). The work of digital social re-entry in substance use disorder recovery. *Proceedings of the ACM on Human-Computer Interaction (CSCW)*. <https://doi.org/10.1145/3555658>
9. Alexander, J., Freis, S., Zellers, S., Corley, R., Ledbetter, A., Schneider, R., **Phelan, C.**, Subramonyam, H., Frieser, M., Rea-Sandin, G., Stocker, M., Vernier, H., Jiang, M., Luo, Y., Zhao, Q., Rhea, S., Hewitt, J., Luciana, M., McGue, M., Wilson, S., Resnick, P., Friedman, N. and Vrieze, S. (2023, May) Changes in parental monitoring do not predict changes in substance use in a multi-year, intensive longitudinal study of 670 adolescent twins. *Front. Psychiatry - Addictive Disorders*. <https://doi.org/10.3389/fpsyt.2023.1149079>
10. Wray, T., Chan, P., Klausner, J., Ward, L., Liu, A., Carr, D., Ocean, E., **Phelan, C.**, Liu, T. (2023). Using web analytics data to identify platforms and content that best engages high-priority HIV populations in online and social media marketing advertisements. *Digital Health*. DOI: 10.1177/20552076231216547
11. Fahey, O., Carr, D., Ocean, E., Vasileios, N., **Phelan, C.**, Monti, P., Wray, T. (2024). Black social media influencers engage higher percentages of Black gay and bisexual men in online outreach for HIV prevention research relative to paid ads. *Digital Health*. <https://doi.org/10.1177/20552076241253758>
12. Wray, T., Reitzel, G., **Phelan, C.**, Merrill, J., Jackson, K. (2025). What apps and websites do those in treatment for substance-related problems use to help them in their recovery? A cross-sectional study of products and use patterns. *J Subst Use Addict Treat*. 2025 Apr; 171:209631. doi: 10.1016/j.josat.2025.209631
13. **Phelan, C.**, Katz, A., Merrill, J., Jackson, K., Wray, T. (2025) Social media for recovery support for people with substance use disorder. A cross-sectional study of use patterns and motivations. *Drug and Alcohol Dependence Reports*. doi: 10.1016/j.dadr.2025.100331
14. **Phelan, C.**, Katz, A., Merrill, J., Jackson, K., Wray, T. Changing social media use in substance use disorder recovery. A cross-sectional study of digital social reshaping. (under review)
15. Jackson, K., Chen-Sankey, J., **Phelan, C.**, Tao, X., Metrick, J. Understanding Cannabis Messaging: Sources, Content, and Influence on Consumer Behavior. (under review)
16. Chen, C., Kang, T., Rajasankar, V., **Phelan, C.**, Operario, D., Sun, S. “We are resilient and it’s a superpower”: Building community, mindfulness, and health through the internet-delivered Mindfulness-Based Queer Resilience Program. (under review)

OTHER NON-PEER REVIEWED PUBLICATIONS

1. Hardy, J., **Phelan, C.**, Vigil-Hayes, M., Su, N. M., Wyche, S., & Sengers, P. (2019). Designing from the rural. *Interactions*, 26(4), 37-41. <https://doi.org/10.1145/3328487>

OTHER PRESENTATIONS

National

1. “It’s creepy, but it doesn’t bother me.” (2016, May). ACM CHI Conference on Human Factors in Computing Systems: San Jose.

2. “It’s creepy, but it doesn’t bother me.” (2017, January). Federal Trade Commission PrivacyCon: Washington, D.C.
3. “No Such Thing as Too Much Chocolate: Evidence Against Choice Overload in E-Commerce.” (2017, May). ACM CHI Conference on Human Factors in Computing Systems: Denver.
4. “Support at a distance: Rapid technology adoption during the COVID-19 pandemic for substance use disorder recovery in the U.S.” (2021, Oct). The 2021 Addiction Health Services Research Conference (AHSR). OSF: <https://osf.io/m947z/>.
5. “Phosphatidylethanol in Home-Collected Dried Blood Spots Among Heavy Drinking Sexual Minority Men: Completion Rates and Associations With Recent Drinking.” (2023, June). 46th Annual Scientific Meeting of the Research Society on Alcohol (RSA): Bellvue, WA.
6. “Changing social media use in substance use disorder recovery. A cross-sectional study of digital social reshaping.” (2025, Mar). Brown Postdoctoral Research Symposium: Providence, RI.
7. “Social media for recovery support for people with substance use disorder. A cross-sectional study of use patterns and motivations.” (2025, Apr). 13th Annual Collaborative Perspectives on Addiction (CPA): Providence, RI.
8. “Methods for Exploring Cannabis Discussions on Reddit: Leveraging Machine Learning and Large Language Models” (2025, July) 9th Annual Research Society on Marijuana Meeting (RSMj): Detroit, MI.

International

1. “Some Prior(s) Experience Necessary: Templates for Getting Started with Bayesian Analysis.” (2019, May). ACM CHI Conference on Human Factors in Computing Systems: Glasgow, UK.

UNIVERSITY TEACHING AND MENTORING ROLES

2013	Graduate Student Instructor	Introduction to microeconomics (undergraduate), University of Michigan Ford School of Public Policy
2015	Graduate Student Instructor	Information in social systems (graduate), University of Michigan School of Information
2016	Graduate Student Instructor	Introduction to Python programming (undergraduate), University of Michigan School of Information
2019	Head Graduate Student Instructor	Introduction to Python programming (undergraduate), University of Michigan School of Information
2024	Teaching assistant	Introduction to substance use disorder, Summer @ Brown (precollege), Brown University