

# Martha Tillson

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## Education & Training

*University of Kentucky (UK; Lexington, KY)*.....August 2018 – present

- **Ph.D. Candidate** in Sociology (4.0 GPA); Ph.D. expected December 2022
- Dissertation: *Women’s Drug Use and Criminal Justice System Involvement: An Examination of Three Transitional Events in Women’s Trajectories Along the Continuums of Misuse/Recovery and Reentry from Incarceration*
- Committee: Carrie Oser (Chair), Michele Staton, Hannah Knudsen, Robyn Brown

*JEAP Initiative Training Institute* ..... August 2021 – August 2023

- **Trainee** of the Initiative for Justice and Emerging Adult Populations (JEAP) Institute (R24DA051950, PIs: Sheidow & McCart), supporting early-stage researchers pursuing NIH funding focused on recovery support services
- Awarded \$10,000 pilot grant to investigate the role of peer recovery support specialists (PRSS) in addressing stigma related to medications for the treatment of opioid use disorder (MOUD) and the impact of MOUD attitudes on the quality and effectiveness of peer-client relationships

*University of Kentucky (UK; Lexington, KY)*..... August 2020

- **M.A.** in Sociology (4.0 GPA)
- Thesis title, “Relationship power and condom use with main sexual partners: Findings from a sample of African American women”

*University of Kentucky (UK; Lexington, KY)*..... December 2017

- **B.A./B.S.W.** – dual Bachelor of Arts in Psychology and Social Work (4.0 GPA)
- Undergraduate Certificate in Social Science Research
- Student commencement speaker for December 2017 ceremony

## Work Experience

*Research Data Analyst, UK Center on Drug and Alcohol Research &*

*Substance Use Priority Research Area (SUPRA)* .....10/19 – present

- Analyst position for the KY hub of the Justice Community Opioid Innovation Network (JCOIN), a NIDA-funded, 10-site national cooperative project (UG1DA050069, PI: Staton) aiming to address gaps in opioid use disorder treatment and related services in criminal justice settings
- Responsible for overseeing collection and management of data, including data quality assurance and compliance with the Methodology and Advanced Analytic Resource Center, as well as local statistical and data analysis
- Programmed data collection instruments, audited data submissions, and trained interviewers on the collection and management of data at the local level across nine sites in Kentucky, including cross-site measures for the larger JCOIN cooperative
- Directly supervised staff and students conducting data management and analysis

- Analytic and data management support for multiple CSAT-funded evaluation grants and state-funded evaluations in partnership with the Kentucky Department of Corrections (DOC) Division of Addiction Services

*Administrative Research Assistant Pr., UK Center on Drug and Alcohol Research.....11/18 – 10/19*

- Experienced with management of participant databases in Access and Excel; quantitative data analysis and syntax design (using SPSS and STATA); qualitative codebook construction and application, focus group and interview transcription, and data analysis (using ATLAS.ti); and production of annual and monthly reports for Kentucky DOC and community partners of evaluation projects
- Worked primarily on CSAT-funded evaluation grant in partnership with Kenton County Detention Center (Covington, KY) to examine implementation and outcomes of expanded jail-based MOUD services
- Provided assistance with instrument design and piloting, implementation of protocol for new grants, and mentorship and training of practicum students and new employees

*Data Coordinator Sr., UK Center on Drug and Alcohol Research..... 10/16 – 11/18*

- Full-time position working with multiple evaluation studies, including the Criminal Justice Kentucky Treatment Outcome Study (CJKTOS; examining outcomes of corrections-based substance use disorder [SUD] treatment programs) and a CSAT-funded evaluation of a local substance use disorder treatment program for pregnant and postpartum women (PPW)
- Responsible for conducting baseline interviews in-person with PPW participants, tracking CJKTOS and PPW study participants via phone, mail, and social media, and conducting follow-up interviews over the phone and in-person

*Research Assistant, UK Center on Drug and Alcohol Research..... 2/16 – 10/16*

- Assistantship for the Juvenile Justice Translational Research on Interventions for Adolescents in the Legal System (JJ-TRIALS), a NIDA-funded, six-site, national cooperative project (U01DA036158, PI: Leukefeld) examining systems improvement efforts in collaborations between juvenile justice workers and community behavioral health partners along the continuum of services for youth in need of SUD treatment
- Experienced with administration of surveys to study participants, informed consent procedures, confidentiality protocol, and data entry
- Primary coder and liaison for multi-site Qualitative Workgroup; trained to use qualitative coding techniques on ATLAS.ti software in accordance with study's specifications; experienced with transcription and de-identification of recorded focus group meetings

## Peer Reviewed Publications

*Under Review:*

**Tillson, M.**, Fallin-Bennett, A., & Staton, M. Providing peer navigation services to women with a history of opioid misuse pre- and post-release from jail: A program description. Under revision, *Journal of Clinical and Translational Science*, April 2022.

Dir, A. L., **Tillson, M.**, Aalsma, M., Staton, M., Staton, M., & Watson, D. Impacts of COVID-19 at the intersection of substance use disorder treatment and criminal justice systems: Findings from three states. Under revision, *Health & Justice*, February 2022.

Webster, J. M., Dickson, M. F., **Tillson, M.**, & Staton, M. Impaired driving and other health risk behavior among rural justice-involved women. Under review, *Women's Health Issues*, November 2021.

*Published & Forthcoming:*

- Tillson, M.**, Dickson, M. F., Webster, J. M., & Staton, M. (2022). Community relationship quality and reincarceration following rural drug-using women's reentry from jail. *Criminal Justice and Behavior*, 49(6), 853-871. <https://doi.org/10.1177/00938548211073603>
- Calvert, J. M., Dickson, M. F., **Tillson, M.**, Pike, E., & Staton, M. (2021). Rural reentry and opioid use: Identifying health-related predictors of relapse among formerly incarcerated women in Appalachia. *Journal of Appalachian Health*, 3(3), 22-35. <https://doi.org/10.13023/jah.0303.03>
- Studts, C., **Tillson, M.**, Pike, E., & Staton, M. (2021). Adaptation of the NIDA Standard for delivery via Facebook with justice-involved women in rural Appalachia. *Implementation Research and Practice*, 2, 1-12. <https://doi.org/10.1177/26334895211014123>
- Staton, M., **Tillson, M.**, & Webster, J. M. (2021). A description of COVID-19 lifestyle restrictions among a sample of rural Appalachian women. *Journal of Appalachian Health*, 3(1), 4-17. <https://uknowledge.uky.edu/jah/vol3/iss1/2/>
- Pike, E., **Tillson, M.**, Staton, M., & Webster, J. M. (2021). The role of law enforcement officers in responding to the opioid epidemic: A qualitative assessment. *Substance Abuse*, 42(4), 813-820. <https://doi.org/10.1080/08897077.2020.1865243>
- Staton, M., Webster, J. M., Leukefeld, C., **Tillson, M.**, Marks, K., Oser, C., Bush, H. M., Fanucchi, L., Fallin-Bennet, A., Garner, B. R., McCollister, K., Johnson, S., & Winston, E. (2021). Kentucky Women's Justice Community Opioid Innovation Network (JCOIN): A type 1 effectiveness-implementation hybrid trial to increase utilization of medications for opioid use disorder among justice-involved women. *Journal of Substance Abuse Treatment*, e-pub ahead of print, <https://doi.org/10.1016/j.jsat.2021.108284>
- Staton, M., Dickson, M. F., **Tillson, M.**, Leukefeld, C., Webster, M., Knudsen, H. K., & Oser, C. (2020). A preliminary examination of substance use risk among metropolitan and non-metropolitan girls involved in the juvenile justice system. *Child & Adolescent Substance Abuse*, 29(1), 46-57.
- Webster, J.M., **Tillson, M.**, Dickson, M., & Staton, M. (2020). Impaired driving among rural female drug-involved offenders. *Traffic Injury Prevention*, 21(8), 513-520.
- Smith, K., **Tillson, M.**, Staton, M., & Winston, E. (March 2020). Characterization of diverted buprenorphine use among adults entering corrections-based drug treatment in Kentucky. *Drug and Alcohol Dependence*, 208, 107837. <https://doi.org/10.1016/j.drugalcdep.2020.107837>
- Pike, E., **Tillson, M.**, Webster, J. M., & Staton, M. (December 2019). A mixed-methods assessment of the impact of the opioid epidemic on first responder burnout. *Drug and Alcohol Dependence*, 205, 107620. <https://doi.org/10.1016/j.drugalcdep.2019.107620>
- Staton, M., Dickson, M. F., **Tillson, M.**, Webster, J. M., & Leukefeld, C. (2019). Staying out: Re-entry protective factors among rural women offenders. *Women & Criminal Justice*, 29(6), 368-384.
- Tillson, M.**, Staton, M., Strickland, J. C., & Pangburn, K. (2019). An examination of the age of substance use onset and adult severity of use among offenders entering treatment. *Journal of Drug Issues*, 49(2), 238-252.
- Dickson, M. F., Staton-Tindall, M., **Tillson, M.**, Leukefeld, C., Webster, J. M., Oser, C. B. (2018). The Affordable Care Act and changes in insurance coverage and source of health care among high-risk rural, substance-using, female offenders transitioning to the community. *Journal of Health Care for the Poor and Underserved*, 29(3), 843-863.
- Staton, M., Ciciurkaite, G., Oser, C., **Tillson, M.**, Leukefeld, C., Webster, M., & Havens, J.R. (2018). Drug use and incarceration among rural Appalachian women: Findings from a jail sample. *Substance Use & Misuse*, 53(6), 931-941.-
- Staton, M., Ciciurkaite, G., Havens, J.R., **Tillson, M.**, Leukefeld, C., Webster, M., Oser, C., & Peteet, B. (2018). Correlates of injection drug use among rural Appalachian women. *Journal of Rural Health*, 34, 31-41.

- Tillson, M.**, Strickland, J. C., & Staton, M. (2017). Age of first arrest, sex, and drug use as correlates of adult risk behaviors among rural women in jails. *Women & Criminal Justice*, 27(5), 287-301.
- Staton, M., Strickland, J.C., **Tillson, M.**, Leukefeld, C., Webster, M., & Oser, C. (2017). Partner relationships and injection sharing practices among rural Appalachian women. *Women's Health Issues*, 27(6), 652-659.

## Other Publications

- Tillson, M.** Substance use and family violence: An introduction and overview. In M. Campe, C. B. Oser, & K. L. H. Harp (Eds.), *Substance use and family violence*. Cognella Publishing. *Under contract for publication in Fall 2022*.
- Pike, E., Staton, M., Webster, J. M., McCarthy, E., & **Tillson, M.** (2018). Opioid misuse resource and needs assessment for Fayette County, Kentucky. Lexington, KY: University of Kentucky, Department of Behavioral Science. <https://www.lexingtonky.gov/departments/social-services>

## Presentations at Professional Meetings & Conferences

- 2022** Staton, M., Garner, B., **Tillson, M.**, & Webster, J. M. (September 2022). *Facilitating the implementation of MOUD pretreatment telehealth for justice-involved women during community re-entry from jail*. Symposium presentation submitted for consideration to Society for Implementation Research Collaboration (SIRC) Conference, San Diego CA.
- Tillson, M.**, Webster, J. M., Oser, C. B., & Staton, M. (June 2022). *Substance use patterns and self-ascribed masculinity/femininity among incarcerated women with a recent history of opioid misuse*. Poster to be presented the 84th annual meeting of the College on Problems of Drug Dependence, Minneapolis MN.
- Staton, M., **Tillson, M.**, Webster, M., Leukefeld, C., McCollister, K., Oser, C., Johnson, S., & Marks, K. (June 2022). *Methamphetamine use and risky sex among justice-involved women with a history of opioid use disorder (OUD)*. Poster to be presented at the 84th annual meeting of the College on Problems of Drug Dependence, Minneapolis MN.
- Webster, J. M., Fallin-Bennett, A., **Tillson, M.**, Becan, J., Knight, K., & Staton, M. (June 2022). *Assessing recovery coach roles and responsibilities in substance use recovery*. Poster to be presented at the 84th annual meeting of the College on Problems of Drug Dependence, Minneapolis MN.
- Cioffi, C., **Tillson, M.**, & Hibbard, P. F. (June 2022). *Incorporating the perspectives of researchers with lived experience in implementation science research: Opportunities to close the research-to-practice gap in substance use systems of care*. Poster submitted (under review) to the 30<sup>th</sup> Annual Meeting of the Society for Prevention Research, Seattle, WA.
- Tillson, M.**, Fallin-Bennett, A., & Staton, M. (April 2022). *Providing peer navigation services to women with a history of opioid misuse pre- and post-release from jail: A program description*. Poster presented virtually at the 15<sup>th</sup> annual Academic & Health Policy Conference on Correctional Health.
- Webster, J. M., **Tillson, M.**, & Staton, M. (April 2022). *Substance use stigma correlates among justice-involved women*. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.

- Tillson, M.** (March 2022). *Stigma, substance use, and mental health among women in Kentucky jails with a recent history of opioid use*. Invited symposium presentation given at the 4<sup>th</sup> Annual Substance Use Research Event (SURE), Lexington, KY.
- Staton, M., **Tillson, M.**, Bush, H., Leukefeld, C., Garner, B., Oser, C., McCollister, K., Fallin-Bennett, A., Webster, M., & Fanucchi, L. (February 2022). *High risk opioid use and criminal justice involvement among women*. Poster presented at the 48<sup>th</sup> Annual Conference of the Western Society of Criminology, Honolulu, HI.
- 2021** **Tillson, M.**, Pike, E., Staton, M., Winston, E., & Johnson, S. G. (October 2021). *Correlates of having received naloxone training pre-incarceration among adults entering corrections-based substance use treatment in Kentucky*. Poster and brief oral presentation presented virtually at the annual Addiction Health Services Research Conference.
- Tillson, M.**, Dickson, M. F., Staton, M., & Leukefeld, C. (April 2021). *A mixed-methods study of family-related factors in substance use treatment engagement among juvenile justice-involved youth*. Poster presented virtually at the 14<sup>th</sup> annual Academic & Health Policy Conference on Correctional Health.
- Dickson, M. F., **Tillson, M.**, Staton, M., & Webster, J.M. (April 2021). *Transactional sex among high-risk rural Appalachian women with criminal justice involvement*. Poster presented virtually at the 14<sup>th</sup> annual Academic & Health Policy Conference on Correctional Health.
- 2020** **Tillson, M.**, Dickson, M., Staton, M., Oser, C., & Webster, M. (June 2020). *Injection drug use initiation timing and social circumstances: Relationships to severity of drug use symptomology in a sample of justice-involved rural women*. Poster presented virtually at the 82<sup>nd</sup> annual meeting of the College on Problems of Drug Dependence.
- Dickson, M. F., Staton, M., Webster, J. M., & **Tillson, M.** (June 2020). *Transactional sex history as a predictor of future health risk behavior among rural drug-using women*. Poster presented virtually at the 82<sup>nd</sup> annual meeting of the College on Problems of Drug Dependence.
- Webster, J. M., Dickson, M., **Tillson, M.**, McLouth, C., & Staton, M. (June 2020). *Correlates of dispositional optimism among rural drug-involved women*. Poster presented virtually at the 82<sup>nd</sup> annual meeting of the College on Problems of Drug Dependence.
- Staton, M., Dickson, M., Oser, C., Pike, E., Leukefeld, C., **Tillson, M.**, & Webster, M. (June 2020). *Correlates of relapse among rural women at community re-entry from jail*. Poster presented virtually at the 82<sup>nd</sup> annual meeting of the College on Problems of Drug Dependence.
- Webster, J. M., Dickson, M. F., **Tillson, M.**, McLouth, C. J., & Staton, M. (April 2020). *Life satisfaction moderates the relationship between mental health and relapse*. Poster to be presented at the ninety-second annual meeting of the Midwestern Psychological Association, Chicago, IL. *Conference canceled*.
- 2019** **Tillson, M.**, Dickson, M. F., Staton, M., & Webster, J. M. (October 2019). *Community relationship quality and recidivism during reentry of rural drug-using women offenders*. Poster presented at the annual Addiction Health Services Research Conference, Park City, UT.
- Pike, E., **Tillson, M.**, Staton, M., Young, S. D., Surratt, H. L., Studts, C. R., Havens, J. R., Frost, K. M., Litton, E. L., Anderson, B., & Acree, T. (October 2019). *Rural women's*

- perspectives on delivering an HIV prevention intervention using social media*. Poster presented at the annual Addiction Health Services Research Conference, Park City, UT.
- Dickson, M. F., Staton, M., Leukefeld, C., Webster, J. M., Oser, C. B., & **Tillson, M.** (October 2019). *Health-related predictors of opioid relapse among rural Appalachian women at community re-entry*. Poster presented at the annual Addiction Health Services Research Conference, Park City, UT.
- Webster, J. M., Dickson, M., **Tillson, M.**, & Staton, M. (August 2019). *High-risk behavior among rural female impaired drivers*. Poster presented at the International Council on Alcohol, Drugs and Traffic Safety, Edmonton, Alberta, Canada.
- Webster, J. M., Dickson, M., **Tillson, M.**, & Staton, M. (April 2019). *Prescription opioid and other impaired driving among rural women*. Poster presented at the ninety-first annual meeting of the Midwestern Psychological Association, Chicago, IL.
- 2018** **Tillson, M.**, Smith, K. E., Winston, E., & Staton, M. (September 2018). *A profile of diverted buprenorphine use among treatment-seeking offenders: Implications for Appalachian Kentucky*. Poster presented at annual Appalachian Translational Research Network summit at the University of Kentucky, Lexington, KY.
- Tillson, M.**, Winston, E., Staton, M., & Pangburn, K. (April 2018). *Awareness and perceptions of syringe exchange programs in Kentucky*. Poster presented at annual conference of Center for Clinical and Translational Science at the University of Kentucky, Lexington, KY.
- 2017** **Tillson, M.** (December 2017). *Illuminating the “black box”: A process evaluation for therapeutic communities in correctional settings*. Poster presented at College of Social Work Honors & Awards Ceremony, University of Kentucky, Lexington, KY.
- Tillson, M.** & Staton, M. (April 2017). *Early risk behaviors as indicators of rural women’s high-risk drug use*. Poster presented at National Conference on Undergraduate Research in Memphis, TN.
- Acree, T., Shalash, S., Winston, E., Staton, M., Pangburn, K., **Tillson, M.**, & Oser, C. (March 2017). *Vivitrol® initiation among KY offenders in corrections-based substance abuse treatment*. Poster presented at annual conference of Center for Clinical and Translational Science at the University of Kentucky, Lexington, KY.
- Tillson, M.** & Staton-Tindall, M. (March 2017). *Age of first arrest, sex, and drug use as correlates of adult risk behaviors among rural women in jails*. Poster presented at annual Posters-at-the-Capitol undergraduate research event in Frankfort, KY.
- 2016** **Tillson, M.** & Staton-Tindall, M. (April 2016). *High risk substance use and sexual behaviors in girls with early justice system involvement: A systematic review*. Poster presented at annual conference of Center for Clinical and Translational Science at the University of Kentucky, Lexington, KY.

## Honors & Awards

*Addiction Health Services Research Early Career Investigator Award (2021)*

- Recognizes excellent addiction health services researchers whose terminal degree is either in progress or was received within the last 5 years; \$100 honorarium

*Behavioral Science/Center on Drug and Alcohol Research Departmental Staff Award (2019)*

- \$1,000 award provided to five staff per year for exemplary individual performance

*Outstanding Bachelors in Social Work Student (College of Social Work, December 2017)*

*Oswald Research and Creativity Competition, University of Kentucky (December 2017)*

- Second place, Social Sciences category: “An exploratory study of syringe exchange program awareness and perceptions in Kentucky.” <https://uknowledge.uky.edu/oswald/8/>

*University of Kentucky Office of Undergraduate Research Summer Research and Creativity Fellowship Award (Summer 2017)*

- \$2,000 grant provided to conduct research on knowledge and opinions of Kentucky’s newly implemented syringe exchange program network among individuals with histories of substance use and criminal justice system involvement

*University of Kentucky Dean’s List (Fall 2015 – Fall 2017)*

*Oswald Research and Creativity Competition, University of Kentucky (November 2016)*

- First place, Social Sciences category: “Age of first arrest, sex, and drug use as correlates of high-risk drug use in adulthood among rural women in jails”

*UK Woman’s Club Virginia Lane Scholarship (Academic Year 2016-2017)*

*University of Kentucky Office of Undergraduate Research Summer Research and Creativity Fellowship Award (Summer 2016)*

- \$2,000 grant provided to produce a full-length manuscript for submission to a scholarly journal examining relationships between ages of first arrest, sex, and drug use, and their correlations to adult high-risk drug use and sexual behaviors among a population of female offenders in rural Kentucky jails

## **Service & Community Engagement**

*Ad-hoc reviewer for peer-reviewed journals*

- Criminal Justice & Behavior
- Drug and Alcohol Dependence
- Journal of Substance Abuse Treatment
- Journal of Health Care for the Poor and Underserved
- Progress in Community Health Partnerships: Research, Education, and Action

*Broke Spoke Community Bike Shop ..... 12/18 – present*

- Invited volunteer board member for community nonprofit, whose mission is “to provide better access to better bicycles for all people and to empower individuals to perform their own bicycle maintenance.” Served as Board Secretary and Donor Appreciation Coordinator 1/20 – present.
- Contributed to internal operations and grants subcommittees

*UK Center on Drug and Alcohol Research (Lexington, KY) ..... 7/17 – 12/17*

- Practicum placement through UK College of Social Work of 15 hours/week for fall semester, concurrent with paid position as Data Coordinator through CJKTOS project
- Responsible for analyzing data, assessing results, and writing evaluative reports of programming for DOC
- Proposed novel procedure for process-level evaluation of corrections-based substance use disorder treatment programs

*AIDS Volunteers, Inc. (Lexington, KY) ..... 8/16 – 12/16*

- Practicum placement through UK College of Social Work of 18 hours/week for fall semester
- Observation of direct practice within case management and housing assistance coordination; assisted coordinators with service provision; participated in event promotion and fundraising