

EDUCATION

Ph.D. Candidate in Criminology, Law & Society

George Mason University, Fairfax, VA

Dissertation: “*Understanding Substance Use Trajectories among Probationers and the Impact on Re-arrest*”

Committee Chair: Faye S. Taxman

Committee Members: Danielle S. Rudes, Sue-Ming Yang, Scott T. Walters

M.A. in Justice, Law, and Crime Policy, 2009

George Mason University, Fairfax, VA

Thesis: “*Trinidad and Tobago Police and Fear of Crime*”

Committee Chair: Suzanne Agha

B.S. in Political Science/Sociology, 2005

Shepherd University, Shepherdstown, WV

EMPLOYMENT

2008-Present **Research Associate**, Center for Advancing Correctional Excellence (ACE!),
George Mason University.

- **Principal Investigator:** Rockdale County Emerging Adults, Funding: NIJ: NIJ-2018-14380
- **Evaluator:** Hidalgo County Emerging Adult Strategy, Funding: BJA: 2016-HO-BX-K005
- **Evaluator:** North Carolina Predictive Analytics Supervision Effort (NC-PASE), Funding: BJA-2017-11545
- **Key Personnel:** Integrating Services to Improve Social Determinants of Health, Funding: Potomac Health Foundation
- **Evaluator:** Fairfax County Data Sharing COAP, Funding: BJA-2018-AR-BX-K100
- **Instructor/TA Partner:** Innovations Suite Researcher-Practitioner Fellows Academy, Funding: BJA.
- **Project Manager:** Risk-Need-Responsivity (RNR) Simulation Tool (various sites including Prince William County Jail, Delaware Department of Correction). Various funding sources. Original funding: BJA: 2010-DGBX-K026; SAMHSA: 202171.
- **Project and Data Manager:** Motivational Assistance Program to Initiate Treatment (MAPIT), Funding: NIDA: RO1DA029010-01A1.
- **Data Analyst:** SOARING2 for the Administrative Offices of the Courts, Funding: Administrative Office of the Courts
- **Data Analyst:** What Works in Residential Reentry, Funding: U.S.

Department of Justice, Federal Bureau of Prisons, and the National Institute of Corrections: agreement #07EP116GJT3.

- Evidence-Based Practices in Corrections (DPSCS), Funding: state agency
- Evidence Mapping to Advance Justice Practice (EMTAP): Funding NIDAU01-DA-16213; NIDA-U01-DA-18723; AHRQ HS018614-01

2006-2010 **Graduate Research Assistant**, Center for Justice Leadership and Management, George Mason University.

- Police Reform in Trinidad and Tobago, Funded by Ministry of National Security of Trinidad and Tobago.

2009 **Graduate Research Assistant**, Human Emotions Research Lab, George Mason University

- Producing change behavior through Motivational Interviewing in Fairfax County Jail

FUNDED RESEARCH AND TECHNICAL ASSISTANCE

2019-2024 NIJ Rockdale County Emerging Adults (PI; \$957,325)

2017-2019 RNR Simulation Tool with the City of Staunton (PI; \$9,000)

2017-2020 RNR Simulation Tool with Prince William-Manassas Regional Adult Detention Center (PI; \$18,134)

2017-2019 Evaluation of the Hidalgo County Emerging Adult Strategies (HCEAS) program (PI; \$150,000)

2018-2020 RNR Simulation Tool with Delaware Department of Correction (PI; \$27,927)

PEER REVIEWED JOURNAL ARTICLES

Sloas, L., Taxman, F.S., Walters, S.T., & **Lerch, J.** (2020). Individual-Level Predictors of the Working Relationship between Probation Officers and Probationers. *The Prison Journal*.

Rosshem, M.E., Livingston, M.D., **Lerch, J.**, Taxman, F.S., & Walters, S.T. (2018). Serious mental illness and negative substance use consequences among adults on probation. *Health and Justice*, 6(6), 1-9.

Cowell, A.J., Zarkin, G.A., Wedehase, B.J., **Lerch, J.**, Walters, S.T., & Taxman, F.S. (2018). Cost and cost-effectiveness of computerized vs. in-person motivational interventions in the criminal justice system. *Journal of Substance Abuse Treatment*, 87, 42-49.

Reingle Gonzalez, J.M., Walters, S.W., **Lerch, J.**, & Taxman, F.S. (2018). Gender differences in substance use and substance use treatment among adults on probation. *The American Journal of Drug and Alcohol Abuse*.

- Lerch, J.**, Walters, S.T., Tang, L., & Taxman, F.S. (2017). Effectiveness of a computerized motivational intervention on treatment initiation and substance use: Results from a randomized trial. *Journal of Substance Abuse Treatment*, 80, 59-66.
- Viglione, J., **Lerch, J.**, Danielle S. Rudes, & Faye S. Taxman (2017). Big stick management: Tickets as discipline within a correctional reentry facility. *Criminal Justice and Behavior*, 44(2), 163-183. doi: 10.1177/0093854816668917
- Taxman, F.S., Walters, S.T., Sloas, L.B., **Lerch, J.**, & Rodriguez, M. (2015). Motivational tools to improve probationer treatment outcomes. *Contemporary Clinical Trials*, 43, 120-128.
- Reingle, J.M., Walters, S.T., **Lerch, J.** & Taxman, F.S. (2015). The relationship between drug use, drug-related arrests, and chronic pain among adults on probation. *Journal of Substance Abuse Treatment*, 53, 33-38.
- Rudes, D.S., Viglione, J., **Lerch, J.**, Porter, C., & Taxman, F.S. (2014). Build to sustain: collaborative partnerships between university researchers and criminal justice practitioners. *Criminal Justice Studies: A Critical Journal of Crime, Law and Society*, 27(3), 249-263.
- Walters, S.T., Ondersma, S.J., Ingersoll, K., Rodriguez, M., **Lerch, J.**, Rossheim, M.E., & Taxman, F.S. (2013). MAPIT: Development of a Web-Based Intervention Targeting Substance Abuse Treatment in the Criminal Justice System. *Journal of Substance Abuse Treatment*, 46(1), 60- 65.
- Rudes, D., **Lerch, J.**, & Taxman, F. (2011). Implementing a Reentry Framework at a Correctional Facility: Challenges to the Culture. *Journal of Offender Rehabilitation*, 50(8), 467-491.
- Lerch, J.**, Viglione, J., Eley, E., James-Andrews, S., & Taxman, F.S. (2011). Organizational Readiness in Corrections. *Federal Probation*, 75(1), 5-10.
- Lerch, J.**, James-Andrews, S., Eley, E. & Taxman, F.S. (2009). “Town Hall” Strategies for Organizational Change. *Federal Probation*, 73(3), 2-9 .

BOOK CHAPTERS

- Sloas, L.B., **Lerch, J.**, & Taxman, F.S. (2015). Community Supervision and Diversion in the United States. In J.D. Wright (Ed.), *International Encyclopedia of the Social and Behavioral Sciences* (2nd ed.). Elsevier.
- Rudes, D.S., **Lerch, J.**, Viglione, J., & Taxman, F.S. (2013). Cultural challenges: Implementing reentry reform at a correctional facility. In Matthew S. Crow & John Ortiz Smykla (Eds.), *Offender Reentry: Rethinking Criminology and Criminal Justice* (pp. 29-49). Burlington, MA: Jones & Bartlett Learning.
- Caudy, M.S., Tang, L., Maass, S.A., **Lerch, J.**, & Taxman, F.S. (2013). Reducing Recidivism Through Correctional Programming: Using Meta-Analysis to Inform the RNR Simulation Tool. In Faye S. Taxman & April Pattavina (Eds.). *Simulation Strategies to Reduce Recidivism* (pp. 167-191). New York, NY: Springer.
- Taxman, F.S. , Henderson, C. & **Lerch, J.** (2010). The Sociopolitical Context of Reforms in Probation Agencies: Impact on Adoption of Evidence-based Practices. In F. McNeill, P. Raynor, & C. Trotter (eds). *Offender Supervision: New Directions in Theory, Research and Practice*. Willian Publications.

WORKS IN PROGRESS

- Krall, J., Taxman, F.S., & **Lerch, J.** Associations of residential, social, and economic instability with recidivism among adults on probation.
- Dorman, A., **Lerch, J.**, Taxman, F.S., & Walters, S.T. Multi-morbidities and criminal justice risk among probationers.
- Maass, S.A., **Lerch, J.**, Champney, J., Mal, M., & Taxman, F.S. Making Risk-Need-Responsivity Your Everyday Practice: The Delaware Implementation Story.

TRANSLATIONAL WORK & TECHNICAL REPORTS

- Murphy, A., **Lerch, J.**, Chowdhury, S., & Toronjo, H. (2018). Training Tool: Offender Reentry Program (ORP) Grantee Success with the RNR Simulation Tool. Unpublished report.
- Murphy, A., **Lerch, J.**, Kiss, M., Toronjo, H., Souza, K., & Taxman, F.S. (2016). Case Study: Using the RNR Simulation Tool in the Offender Reentry Program (ORP) Grant. Unpublished report.
- Lerch, J.** & Maass, S.A. (Winter 2013). Examining Burnout: Next Steps in Probation and Parole. *Perspectives*, 37(1), 30-37.
- Ainsworth, S.A. & **Lerch, J.** (Summer 2012). Cognitive-Behavioral Therapy (CBT) for Higher Risk Offenders. *Perspectives*, 36(3), 32-36.
- Lerch, J.**, Viglione, J., & Taxman, F.S. (2011). Improving the Operations of a Pre-Release Unit. Unpublished report.
- Lerch, J.**, Taxman, F.S., & Mericle, A. (2010). Report 6: Technical Violation Rates and Rearrest Rates on Federal Probation after Release from a RRC. *What Works in Residential Reentry Centers Monographs*.
- Taxman, F.S. & **Lerch, J.** (2008). Organizational Readiness: Pre-Release Centers. Unpublished report.
- Lerch, J.** & Mastrofski, S. (2008). The Effect of Police Practices on Residents' Fear of Crime in Trinidad and Tobago. Prepared for the Ministry of National Security, Trinidad and Tobago.

INVITED PRESENTATIONS AND TRAININGS (SELECT LIST)

- Lerch, J.** & Murphy, A.M. (2019, July). Validation of Risk-Needs Assessment Tools. Workshop presentation at Innovations Suite Researcher Practitioner Fellows Academy, Denver, CO.
- Lerch, J.** & Murphy, A.M. (2019, June). Best and Promising Practices. Plenary presentation at GAINS Center's Risk-Need-Responsivity Learning Collaborative Virtual Meeting.
- Murphy, A. & **Lerch, J.**, (2018, April). Helping Treatment Agencies to Better Serve Criminal Justice Clients: The RNR Simulation Tool and ORP Grantees. Plenary presentation at 2018 Offender Reentry Program Grantee Meeting, St. Petersburg, FL.
- Lerch, J.**, Champney, J.R., & Perez, H. (2018, August). Assessment Tools: RNR Sim Tool

and the VRAT. Panel presented at Innovations Suite Researcher-Practitioner Fellows Academy, Denver, CO.

Lerch, J. & Taxman, F.S. (2017, February). Evidence Informed Practices: The State of Our Knowledge in Crime Prevention & Control. Workshop presentation at Smart Suite Researcher Practitioner Fellows Academy, Denver, CO.

Lerch, J. (2016, February). What do we know about supervision? Invited presentation at the Sharing experiences on Community Corrections: Probation and Parole Supervision Workshop, Nassau, Bahamas.

Watson, C. , **Lerch, J.**, Taxman, F., Wooditch, A., Murphy, A., Ainsworth, S., Jordan, N. (June 2010). Where the Rubber Meets the Road 2: Coding Procedures for Understanding Meta-Analysis Results. Paper presented at the 2010 International Network for Justice Health Meeting, Scottsdale, AZ.

CONFERENCE PRESENTATIONS

Lerch, J. (2019, July). Uncovering the Truth: Examining the Quality of Substance Use and Mental Health Programs. Presentation at XXXVIth International Congress on Law and Mental Health conference, Rome, Italy.

Lerch, J., Cunningham, R., & West, A. (2019, May). Successful Approaches in Community Corrections Reentry. Presentation at American Jail Association Annual Conference, Louisville, KY.

Lerch, J., Lopez, F., Perez, A., & Montelongo, R. (2019, April). Hidalgo County Emerging Adult Strategy: Specialized Approach to a High Risk Population. Presentation at 2019 Texas Association of Specialty Courts Annual Training Conference, Galveston, TX.

Lerch, J. & Taxman, F.S. (2018, November). Looking Back and Moving Forward: Updating and Upgrading a Translational Suite. Paper presented at American Society of Criminology Annual Meeting, Atlanta, GA.

Lopez, F. & **Lerch, J.** (2018, November). The Impact of Sanctions and Incentives in Community Corrections Programming. Paper presented at American Society of Criminology Annual Meeting, Atlanta, GA.

Lerch, J., Sutter, R., Spencer, N., Manurs, K., & West, A. (2018, October). A Targeted Reentry Approach in Prince William County. Panel presented at Virginia Future Directions in Re-Entry: People Who Make a Difference Conference, Virginia Beach, VA.

Lerch, J., Taxman, F.S., & Murphy, A. (2017, November). Back to the Science: The Background of the RNR Simulation Tool. Paper presented at American Society of Criminology Annual Meeting, Philadelphia, PA.

Lerch, J., Taxman, F.S., & Caudy, M.S. (2017, July). Strategic Approaches to Recidivism Reduction? Paper presented at XXXVth International Congress on Law and Mental Health conference, Prague, Czech Republic.

Lerch, J., Dorman, A., Walters, S.T., & Taxman, F.S. (March, 2017). A cross-sectional

examination of criminal justice risk, multi-morbidities, and determinants of health among substance using probationers. Poster presented at 10th Academic & Health Policy Conference on Correctional Health conference, Atlanta, GA.

Lerch, J., Walters, S.T., & Taxman, F.S. (2016, November). Predicting substance use and treatment initiation among substance using probationers. Paper presented at American Society of Criminology Annual Meeting, New Orleans, LA.

Lerch, J., Walters, S.T., & Taxman, F.S. (2016, October). MAPIT: Effects of a computerized, motivational program for substance using probationers. Paper presented at Addiction of Health Services Research conference, Seattle, WA.

Walters, S.T., Taxman, F.S., **Lerch, J.,** Thurman, T., & Spohr, S.A. (2016, March). Examining Social Determinants of Health and Mechanisms of Change Among the Criminal Justice Involved. Paper presented at Academic Consortium on Criminal Justice Health Annual Meeting, Baltimore, MD.

Lerch, J., Walters, S.T., & Taxman, F.S. (2015, November). You Can Lead Offenders to Treatment, But You Can't Make Them Abstain. Paper presented at American Society of Criminology Annual Meeting, Washington, DC.

Lerch, J., Walters, S.T., & Taxman, F.S. (2014, November). What Predicts Continued Substance Use among Probationers?. Paper presented at American Society of Criminology Annual Meeting, San Francisco, CA.

Lerch, J., Walters, S.T., & Taxman, F.S. (2014, October). What Predicts Continued Substance Use among Probationers. Paper presented at Addiction of Health Services Research conference, Boston, MA.

Lerch, J. & Taxman, F.S. (2013, November). MAPIT: An automated tool to help motivate offenders. Paper presented at the meeting of the American Society of Criminology, Atlanta, GA.

Lerch, J., Rodriguez, M., Walters, S.T., & Taxman, F.S. (2013, October). Commitment level to treatment and probation: A preliminary analysis of MAPIT. Poster presented at Addiction of Health Services Research conference, Portland, OR.

Walters, S.T., Taxman, F.S., Rodriguez, M., & **Lerch, J.** (2013, September). Development of a web-based intervention targeting treatment initiation and probation compliance. Poster presented at the HIV Methods and Intervention Science Meeting, Bethesda, MD.

Lerch, J., Ressler, E., & Taxman, F.S. (2013, July). Making Use of a web-based intervention targeting substance abuse treatment initiation and probation compliance. Paper presented at American Probation and Parole Association conference, Baltimore, MD.

Walters, S.T., Taxman, F.S., Rodriguez, M., & **Lerch, J.** (2013, March). Development of a web-based intervention targeting treatment initiation and probation compliance. Poster presented at DC Health Communications Conference, Fairfax, VA.

Lerch, J., Taxman, F.S., Rudes, D.S., & Viglione, J. (2012, November). Examining the Role of Organizational Factors in Reentry Success. Paper presented at the meeting of the American Society of Criminology, Chicago, IL.

Lerch, J. & Taxman, F.S. (2012, November). The Impact of System Factors on Length of Time in Residential Reentry Centers." Poster presented at the meeting of the American Society

of Criminology, Chicago, IL.

Lerch, J., Viglione, J., Taxman, F.S., James-Andrews, S., & Rudes, D. (2011, November). Organizational Change in a Correctional Facility. Paper presented at the meeting of the American Society of Criminology, Washington, DC.

Lerch, J., Taxman, F.S., & Rudes, D.S. (2010, November). Implementing Reentry in a Correctional Facility. Paper presented at the meeting of the American Society of Criminology, San Francisco, CA.

Lerch, J. & Taxman, F.S. (2010, November). RRCs Impact on Recidivism during Federal Probation. Paper presented at the International Community Corrections Association 18th Annual Research Conference, Louisville, KY.

Lerch, J., Parks, R. & Mastrofski, S. (2010, June). Police Image in Newspaper of Trinidad and Tobago. Paper presented at Stockholm Criminology Symposium, Stockholm, Sweden.

HONORS AND AWARDS

2014 Addiction Health Services Research (AHSR) Conference, New Investigator Travel Award. *Award given by the National Institute on Drug Abuse (NIDA)*

2017 Academic and Health Policy conference on Correctional Health (ACCJH), Scholarship.