



LYNDSEY SMITH

Data Analyst and Researcher

EDUCATION

B.A. Economics
Whitman College
Summa Cum Laude

CONTACT

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PROFILE

Smith has ample research and data science knowledge as well as direct experience with community programs. At NPC, her expertise in data management, manipulation, analysis, and visualization helps inform and improve a diverse range of community services, including programs focused on substance use treatment, behavioral health treatment, domestic violence response, and family functioning. She frequently works with a variety of datasets from many sources. As such, she relies on her knowledge of different programs and programming languages to clean, reorganize, and analyze datasets of all sizes and structures. She also uses her knowledge of data science to assist programs with their own data practices, developing systems to simplify and standardize program's data practices while also providing them easy access to the story of their data.

WORK EXPERIENCE

RESEARCH DATA ANALYST

NPC Research | August 2019 – present

Involved in a variety of research and evaluation projects related to treatment and community well-being with an emphasis on process and outcome studies. Works with diverse program providers with varied needs to streamline and standardize data gathering practices. Cleans, manipulates, and analyzes many sources of data to provide programs with data-driven feedback and recommendations. Responsible for all aspects of data management and analysis, provides technical assistance to programs, and creates reports and other deliverables to ensure informative and quality products. Developed and manages dashboards for programs to more easily collect data as well as understand it through interactive graphics that synthesize data in real time. Provided training and ongoing technical assistance to other analysts at NPC and externally to programs as needed.

MENTOR PROGRAM DIRECTOR

Whitman College | May 2018 – May 2019

Coordinated volunteer mentors, school-based intervention specialists, and other logistics to best serve the needs of the community, specifically at-risk children in six elementary schools across the city. Allocated assets, balanced the budget, and projected future financial needs of both the Mentor Program and six other community-based programs as the Budget Manager of Whitman College's Student Engagement Center. Increased volunteer participants by 18% and expanded the program to incorporate a new charter school.

NATURE KIDS PROGRAM COORDINATOR

US Forest Service & The Blue Mountain Land Trust | May 2018 – September 2018

Created and managed the new outreach program which expanded the influence and reach of both organizations. Analyzed the needs of both the community and the organizations and implemented and executed relevant programs.

TEACHING ASSISTANT AND COUNSELOR

The Carroll School | June 2013 – August 2017

Provided oral language and math instruction to rising first and second graders with dyslexia that improved their math and reading literacy. Developed, organized, and conducted daily group activities that promoted social learning, motor development, and cultivated self-esteem and confidence.

SELECTED PROJECT EXPERIENCE

Current

NATIONAL EVALUATION OF FAMILY TREATMENT COURTS

Lead Outcome Analyst

A nationwide process and outcome evaluation of family treatment courts using the Best Practice Assessment survey and other data sources including program, treatment, court, prison, and child welfare data. Assisted in writing a published report based on preliminary findings.

COLORADO'S FENTANYL ACCOUNTABILITY AND PREVENTION ACT EVALUATION

Lead Outcome Analyst

An evaluation with the Colorado Department of Public Health and Environment on the impact of House Bill 22-1326 on fentanyl use and the criminal justice system using court data, probation data, overdose data, surveys, and interviews.

HONOLULU, HAWAII DWI COURT EVALUATION

Lead Process and Outcome Analyst

A process, cost, and outcome evaluation of Honolulu's DWI Court. Conducted a process evaluation using results from a Best Practices assessment survey and observations from a site visit consisting of various interviews, observations, and focus groups. The outcome evaluation involves processing various program, treatment, and administrative data sources (inc. court, jail, prison, probation, crash, etc.) to provide data-driven findings and recommendations.

TREATMENT COURT BEST PRACTICE ASSESSMENT META STUDY

Process and Outcome Analyst

A meta-study of process, outcome, and cost evaluations of adult, DUI, mental health, and veterans' treatment courts and the relationship with adherence to Treatment Court Best Practices.

EVALUATION OF OKLAHOMA'S REMERGE PROGRAM

Lead Process Analyst

A process evaluation of a pre-trial diversion program for mothers in Oklahoma County, Oklahoma to provide opportunities to recover from substance use, mental health, and criminal behaviors while staying in the community and reunifying with their children. Conducted a process evaluation, analyzed in-program outcomes, and worked with client to prepare for an outcome evaluation.

Completed

STATEWIDE EVALUATION OF PENNSYLVANIA TREATMENT COURTS

Outcome Analyst

A process, outcome, and cost evaluation of Adult Treatment, DUI, Mental Health, and Veterans Treatment Courts serving individuals throughout the state of Pennsylvania. Requires cleaning, manipulating, and analyzing program data, court data, prison and jail data, probation data, treatment data, results from a Best Practices assessment survey, and other data sources to provide meaningful and accurate recommendations.

COLORADO STATEWIDE PROBLEM-SOLVING COURTS DASHBOARD

Developer, Manager, and Technical Assistance Provider

Created and developed an Excel Dashboard for all treatment courts in Colorado, allowing these programs to more easily collect data as well as understand it through interactive graphics that synthesizes data in real time to measure program progress and outcomes. Provided internal and external trainings including instructional videos and user manuals and ongoing technical assistance to programs. Directed all supporting employee tasks including quality control. Coordinated transition and data migration to a permanent data management system.

CLARK COUNTY, WASHINGTON SHERIFF PROGRAM EVALUATION: IMPROVING REENTRY FOR ADULTS WITH CO-OCCURRING SUBSTANCE USE AND MENTAL HEALTH ISSUES

Outcome Analyst

A process, outcome, and cost evaluation of a jail-based universal co-occurring screening, assessment, and treatment program.

SELECTED PROJECT EXPERIENCE (cont'd)

BUREAU OF JUSTICE ASSISTANCE GRANTEE DASHBOARD

Developer, Manager, and Technical Assistance Provider

Developed an Excel Dashboard for Bureau of Justice Assistance Grantees to allow real-time data collection, program monitoring and evaluation, and data-driven program improvements. Oversees all adaptations external trainings and ongoing technical assistance including user manuals and instructional videos for programs. Coordinates all employee tasks related to adaptations and technical assistance.

DULUTH, MINNESOTA SIXTH JUDICIAL DISTRICT DUI SCREENING BRIEF INTERVENTION AND REFERRAL TO TREATMENT PROGRAM (SBIRT) EVALUATION

Outcome Analyst

A process and outcome evaluation of a validated assessment provided to people arrested for their first driving under the influence (DUI) offense.

CLARK COUNTY, WASHINGTON STAR PROGRAM EVALUATION: MEDICATION ASSISTED TREATMENT AND PSYCHOLOGICAL SERVICES FOR PEOPLE WITH OPIOID USE DISORDERS

Outcome Analyst

Conducted a process and outcome evaluation for a program that provides medication assisted treatment (MAT) and other services for individuals with an opioid use disorder to improve treatment and save lives. Created the final reports.

NPC'S TREATMENT COURT BEST PRACTICE ASSESSMENT UPDATES

Technical Assistance Provider

Updated and aligned NPC's online, evidence-based Best Practice assessments with culturally relevant and trauma-informed measures in mind.

EVALUATION OF PUEBLO, CO VETERANS AND BEHAVIORAL HEALTH TREATMENT COURTS

Outcome Analyst and Technical Assistance Provider

Conducted a process and outcome evaluation of the Mental Health Treatment Court and Veteran's Treatment Court. Participated in interviews and observed program activities over a multi-day site visit to provide useful, research-based recommendations. Worked closely with the client to create a useful Excel Dashboard for the programs to more effectively and efficiently gather and analyze participant data.

EVALUATION OF THE CHARLES COUNTY, MARYLAND FAMILY RECOVERY COURT

Outcome Analyst

Conducted a process and outcome evaluation of the family treatment court to improve both participant and family outcomes. Worked with the client to improve and standardize the program's data gathering process. Cleaned and analyzed program data to provide a robust report which includes information related to the program's participants, practices, and areas of improvement.

EVALUATION OF CHILDREN EXPOSED TO DOMESTIC VIOLENCE SPECIALIZED RESPONSE GRANT, CALIFORNIA CHILDREN'S JUSTICE ACT

Analyst

Ran statistical analyses of outcome results and developed presentation materials based on initiatives to reduce re-traumatization of youth exposed to domestic violence. Program provided grants to law enforcement agencies around California to establish response protocols in collaboration with community-based domestic violence agencies and county-level child protective services for domestic violence incidents involving children. Focused on the structure and impact of these response teams.

EVALUATION OF MULTNOMAH COUNTY DUII INTENSIVE SUPERVISION PROGRAM

Analyst

Developed material for this post conviction, voluntary treatment court serving individuals with repeat DUI offenses to disseminate among community members and stakeholders. This program, staffed by a multi-disciplinary team, uses a holistic approach to empower participants throughout the treatment journey. It is offered an alternative to prison. Effectively conveyed information surrounding program history, demographics, participant success, as well as program success through clear data visualizations.

PUBLICATIONS & PRESENTATIONS

Publications

Rodi, C., Dahlgren, J., Smith, L., & Kissick, K. (2022). *Characteristics of Family Treatment Courts, the Families They Serve, and Their Capacity to Meet the Demands of their Communities*. *Child Welfare*.

Presentations

Tribal Healing to Wellness Court Enhancement Training (September 2022). *Using Your Own Data to Improve Outcomes: Tips, Tricks, and Tools*.

BJA Technical Assistance (TA) Training Series: Data Collection (September 2022). *Using Your Own Data to Improve Program Outcomes: Tips, Tricks, and Tools*.

TECHNICAL SKILLS

Excel

Attended American Evaluation Association's (AEA) Interactive Dashboard Training

Programming Languages

SPSS, R, VBA, R.

Software and Programs

SPSS, R, Microsoft Power Query and Power BI, Link King, Eviews

PROFESSIONAL AFFILIATIONS AND HONORS

National Institutes of Health | August 2019 – Present
Protecting Human Research Participants Certificate

Oregon Program Evaluators Network | September 2019 — Present
Member

National Association of Drug Court Professionals | June 2019 – Present
Rise2020 and Rise2022: A multi-day treatment court conference

American Evaluation Association | July 2020 – Present
Interactive Dashboard Training
AEA Conference 2022