

## ***Curriculum Vitae***

### **Virginia McKay (Ginger)**

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## **Education**

*Doctor of Philosophy, Public Health*

Oregon State University, Corvallis, OR

Concentration: Health Promotion and Health Behavior

Dissertation Chair: M. Margaret Dolcini, PhD

Dissertation Title: *Examining Evidence-based Intervention Sustainability and De-adoption in the Context of HIV Prevention*

Awarded March 2016

*Master of Arts, Medical Anthropology*

University of Memphis, Memphis, TN

Concentration: Applied Medical Anthropology

Awarded May 2010

*Bachelor of Science, Anthropology and Psychology*

College of Charleston, Charleston, SC

Concentration: Cultural Anthropology

Awarded May 2008

## **Academic Appointments**

2023-present **Assistant Professor – Tenure Track.** George Warren Brown School of Social Work. Washington University in St. Louis. St. Louis, MO.

2017–2023 **Assistant Professor – Research Track.** George Warren Brown School of Social Work. Washington University in St. Louis. St. Louis, MO.

2016–2017 **NIMH T32 Postdoctoral Training Fellow.** Center for Mental Health Services Research. George Warren Brown School of Social Work. Washington University in St. Louis. St. Louis, MO.

## **Additional Roles**

2022-present **Assistant Director of Research.** Center for Public Health Systems Science. Brown School. Washington University in St. Louis.

- 2021-present* **Lead.** Infectious Disease and Dissemination and Implementation Science (IDDI) Initiative. Center for Dissemination and Implementation. Institute of Public Health. Washington University in St. Louis.
- 2018* **Project Leadership.** Needs Assessment conducted by the Center for Public Health Systems Science in the Brown School of Social Work for the Precision Medicine Function of the Institute for Clinical and Translational Science at Washington University in St. Louis School of Medicine.
- 2016-present* **Consultant.** Dissemination and Implementation Research Core. Institute for Clinical and Translational Sciences. Washington University in St. Louis.
- 2016* **Research Associate I.** University of Tennessee College of Social Work Office of Research and Public Service. Conducted program evaluation activities in cooperation with state and university partners. Supervisor – Maryanne Cunningham, MS, MS, Interim Director.
- 2015* **Project Coordinator.** Coordinator for two research projects: Come Out, for Health! An examination of stress, obesity, and social influences among same-sex female couples in East Tennessee. Cancer Survivorship Programming in Tennessee: A Survey of Cancer Centers in Tennessee. A survey assessing cancer survivorship programming among American College of Surgeons Commission on Cancer accredited hospitals. Principal Investigator – Jennifer M. Jabson, PhD.
- 2011–2014* **Research Assistant.** The Translation into Practice of Project RESPECT. A national study of translating into practice the HIV prevention program RESPECT, as promoted by the CDC. Principal Investigator – M. Margaret Dolcini, PhD.
- 2010* **Research Assistant.** HIV/AIDS Needs Assessment Special-Study. A multidisciplinary study seeking to examine the role of transportation in HIV/AIDS service delivery in Shelby County and the surrounding counties working collaboratively with The United Way of the Mid-South, the Midsouth Coalition on HIV/AIDS, and the Ryan White Part A Planning Council. Principal Investigator - Lynda M. Sagrestano, PhD.
- 2009–2011* **Co-investigator.** Partners in Immunization by Education Strategy (PIBES). PIBES is an evaluation study of the Immunization by Education Strategy, an HIV education program for primary age children in Kampala, Uganda provided by the Savannah Sunrise Foundation, a non-profit organization. Principal Investigator – Danstan Bagenda, PhD.
- 2008–2009* **Research Assistant.** Community Voice Evaluation Team (CVET). CVET is a multidisciplinary research team evaluating the efficacy of Community Voice, an education program designed by the March of Dimes to combat infant mortality in Memphis, TN. Principal Investigator – Lynda M. Sagrestano, PhD.

#### Additional Training & Professional Development

- 2024* Course Design Institute. Washington University in St. Louis.
- 2023* Embracing Complexity – Systems Science Thinking in Implementation Science. Center for Implementation.
- 2022* Causal Pathway Diagrams to Identify Mechanisms of Implementation Strategies Workshop. Society for Implementation Research and Collaboration Conference.
- 2021* Pragmatic Trials Workshop. Dissemination and Implementation Science in Health Conference.
- 2020* Implementation Facilitation Training. University of Arkansas
- 2019* Introduction to R Statistical Programming Language and Environment. Summer Institute. Washington University in St. Louis.
- 2018* Mixed Methods Research Training in Health Sciences. Johns Hopkins University.
- 2016* Training Institute for Dissemination and Implementation Research in Health (TIDIRH) trainee. National Institutes of Health.

## **Publications and Presentations**

\* indicates published or presented with a mentee.

### **Peer-Reviewed Articles**

2025

Hassanieh, Yoo, Li, McKay, and Huffman. "Exploring Facilitators and Barriers of Medically Tailored Meal Interventions for Patients Hospitalized with Acute Heart Failure: A Qualitative Study." *Journal of the American Heart Association*. Under Review.

Marotta, Biaid, Heimer,... **McKay**, Reno,... Stringer, Backe, Cavazos-Rehg. "Assessing providers' attitudes implementing buprenorphine prescribing post-waiver elimination, integrating harm reduction strategies into rural primary care settings and PrEP prescribing practices in the US Southeast and Midwest." *Addiction Science and Clinical Practice*. Accepted.

Matheny, Carpenter-Song, Rickett, Solomon, Stabler, Davis, Zubkoff, Westerman, Dorn, Cox, Minter, Jneid, Currier, Athar, Girotra, Leung, Helton, Agarwal, Vidovich, Plomondon, Waldo, Aschbrenner, **McKay**, O'Malley, Brown. "Sustained Improvements After Intervention to Prevention Contrast-Associated AKI: A Randomized Controlled Trial." *Journal of the American Heart Association*. In press.

2024

\*Quesada-Stoner, Islam, Siječić, Malone,...Luke, **McKay**, Agulnik. "Documenting adaptations to an evidence-based intervention in 58 resource-variable pediatric oncology hospitals across implementation phases." *Implementation Science Communications*. **5**, 122. <https://doi.org/10.1186/s43058-024-00664-y>.

Chen, DeJong, Agarwal, Hairston, Durstenfeld, **McKay**, Huffman, Hsue, Agarwal. "Stakeholder Perspectives on a Heart Failure with Reduced Ejection Fraction Polypill: A Multi-Center Mixed Methods Study." *Circulation: Cardiovascular Quality and Outcomes*. <https://www.ahajournals.org/doi/abs/10.1161/CIRCOUTCOMES.124.011121>

Malone, Bono, Saito, Rangel, Liu, Newland, McKay. "Evaluating a virtual facilitation workshop with antimicrobial stewardship teams within a cluster randomized stepped-wedge trial." *BMC Health Services*. <https://doi.org/10.1186/s12913-024-11714-5>.

Malone, Prewitt, **McKay**, Zabotka, Bacon, Luke. "Lowering the sustainability assessment burden: New shorter versions of the Program Sustainability Assessment Tool (PSAT) and the Clinical Sustainability Assessment Tool (CSAT)." *Implementation Science Communications* **5**(1), p.113. <https://doi.org/10.1186/s43058-024-00656-y>.

Sattler, Abdelnour, **McKay**, Burnham. "Environmental Sustainability in the Outpatient Clinic Setting." *Open Forum Infectious Diseases*. <https://doi.org/10.1093/ofid/ofae586>

James, Benbow, Li, Zapata, Queiroz, Zamantakis, **McKay**, Keise, Villamar, Mustanski, Smith. Improving Delivery and Use of HIV Pre-Exposure Prophylaxis in the US: A Systematic Review of Implementation Strategies and Adjunctive Interventions. *AIDS and Behavior*. Available Online. <https://doi.org/10.1007/s10461-024-04331-0>.

**McKay**, zamantakis, Pachicano, Merle, Purrier, Swan, Li, Mustanski, Smith, Hirschhorn, Benbow. Establishing Evidence Criteria for Implementation Strategies: A Delphi Study for HIV Services. *Implementation Science*. Available Online. <https://doi.org/10.1186/s13012-024-01379-3>.

2023

**McKay**, Carothers, Graetz, Malone, Puerto-Torres, Prewitt, Cardenas, Chen, Devidas, Luke, Agulnik. "Sustainability determinants of an intervention to identify clinical deterioration and improve childhood cancer survival in Latin America hospitals: the INSPIRE study." *Implementation Science Communications*. <https://doi.org/10.1186/s43058-023-00519-y>

**McKay**, Chen, Prewitt, Malone, Puerto Torres, ...Proyecto EVAT Collaborative Members, Devidas, Luke. "Connecting Clinical Capacity and Intervention Sustainability in Resource-Variable Pediatric Oncology Centers in Latin America." *Global Implementation Research and Applications*. <https://doi.org/10.1007/s43477-023-00106-2>

\*Ahmad, Chan, McGovern, Dickey, **McKay**. "Assessing Usability of an Electronic Sexually Transmitted Infection Risk Assessment Program Adapted for use in Pediatric Primary Care." *Journal of Primary Care and Community Health*. *Journal of Primary Care and Community Health*. Available Online. <https://doi.org/10.1177/21501319231172900>

**McKay**, Kwon. "Identifying, de-constructing, and de-implementing low value infection control and prevention interventions." *Infection Control and Hospital Epidemiology*. 44(6), 1034-1035. <https://doi.org/10.1017/ice.2023.53>

Wiphatphumiprates, Graetz, ... Proyecto EVAT Collaborative Members, **McKay**, Agulnik. "The COVID-19 Pandemic's Impact on Sustainability and Expansion of a Pediatric Early Warning System (PEWS) in Resource-Limited Hospitals." *Cancer Medicine*. Available Online. <https://doi.org/10.1002/cam4.5876>

\*Advani, **McKay**. "Beyond Implementation: Uncovering the Parallels between De-implementation and Antimicrobial Stewardship." *Antimicrobial Stewardship & Healthcare Epidemiology*. 3(1), e73. DOI: <https://doi.org/10.1017/ash.2023.150>

\*Merle, Li, Keiser, Zamantakis, Queiroz, Gallo, Villamar, **McKay**, Zapata, Mustanski, Benbow, Smith. "Categorizing implementation determinants and strategies within the HIV implementation literature: a global systematic review protocol." *BMJ Open*. 13(3), e070216. <http://dx.doi.org/10.1136/bmjopen-2022-070216>

Garbutt, Wang, Graham, **McKay**, Haire-Joshu, Barker, Liu. "Provider and Practice Factors Associated with On-Time HPV Vaccination in Primary Care." *Academic Pediatrics*. 23(4), 800-807. <https://doi.org/10.1016/j.acap.2022.12.015>

2022

\*Agulnik, Schmidt-Grimminger, ... Proyecto EVAT Collaborative Members, Graetz, **McKay**. "Challenges to Sustainability of Pediatric Early Warning System (PEWS) in Low-Resource Hospitals in Latin America." *Frontiers in Health Services*. Available online. <https://doi.org/10.3389/frhs.2022.1004805>

\*Malone, Newland, Kudchadkar, Prewitt, **McKay**, Prusaczyk, Proctor, Brownson, Luke. "Sustainability in pediatric hospitals: An exploration of quality improvement and implementation science." *Frontiers in Health Services*. Available online. <https://doi.org/10.3389/frhs.2022.1005802>

\*Tetteh, Combs, Geng, **McKay**. "COVID-19: An examination of public health information, trust, and COVID-19 prevention behaviors." *Journal of Medical Internet Research*. 24(9):e37846. doi: [10.2196/37846](https://doi.org/10.2196/37846).

Agulnik, Gonzalez Ruiz, ... Proyecto EVAT Collaborative Members, **McKay**, Metzger, Friedrich, Rodriguez-Galido. "Model for Regional Collaboration: Successful Strategy to Implement a Pediatric Early Warning System in 36 Pediatric Oncology Centers in Latin America." *Cancer*. Available online. <https://doi.org/10.1002/cncr.34427>

Burnham, Kwon, Newland, **McKay**. "Dissemination and Implementation Science and Antimicrobial Stewardship in Solid Organ Transplantation: A Perspective." *Transplant Infectious Diseases*. Available online. <https://doi.org/10.1111/tid.13903>

\*Ahmad, Dickey, Tetteh, Foraker, **McKay**. "The use of the Consolidated Framework for Implementation Research (CFIR) to Understand Facilitators and Barriers to STI Screening in Primary Care." *Sexually Transmitted Diseases*. doi: [10.1097/OLQ.0000000000001656](https://doi.org/10.1097/OLQ.0000000000001656)

\*Reid, Tetteh, Ingaiza, Bradley, Dolcini, **McKay**. "High Impact for Whom? A Qualitative Analysis of Organization Concerns About the Transition to High Impact Prevention Policy." *Health Promotion Practice*.

<https://doi.org/10.1177/15248399221091537>

\*Walsh, **McKay**, Hansen, Barco, Jones, Lee, Heinemann, Lenze, Chen, & Wong. "Using Implementation Science to Adapt Enhanced Medical Rehabilitation for Inpatient Spinal Cord Injury Rehabilitation: Intervention Mapping and Stakeholder Engagement." *Archives of Physical Medicine and Rehabilitation*. In press. <https://doi.org/10.1016/j.apmr.2022.04.010>

**McKay**, Vogel, Combs, Brossart, Endrizal, Andersen, Poor, Mahoney, Luke. "Tailoring dissemination of evidence to preferences of tobacco control partners: results from an academic-community partnership." *Substance Abuse Treatment, Prevention, and Policy*. 17(1), 1-10. <https://doi.org/10.1186/s13011-022-00450-w>

2021

\*Walsh-Bailey, Tsai, Tabak, Morshed, Norton, **McKay**, Brownson, Gifford. "A Scoping Review of De-implementation Frameworks and Models." *Implementation Science*. 16(1), 1-18. <https://doi.org/10.1186/s13012-021-01173-5>

\*Proctor, Toker, Tabak, **McKay**, Hooley, Evanoff. "Market Viability: A Neglected Concept in Implementation Science" *Implementation Science*. 16(1), 1-18. <https://doi.org/10.1186/s13012-021-01168-2>

\*Ablordeppey, Powell, **McKay**, Keating, James, Carpenter, Kollef, Griffey. "Protocol for DRAUP: a deimplementation programme to decrease routine chest radiographs after central venous catheter insertion." *BMJ Open Quality*. 10:e001222. <http://dx.doi.org/10.1136/bmjopen-2020-001222>

\*Calhoun, Luo, Baumann, Bauer, Shen, **McKay**, Hooley, James, King. "Transition for Adolescents and Young Adults with Sickle Cell Disease in a US Midwest Urban Center: A Multi-level Perspective on Barriers, Facilitators, and Future Directions." *Journal of Racial and Ethnic Health Disparities*. doi: 10.1097/MPH.0000000000002322

Agulnik, Malone, Puerto-Torres, Gonzalez-Ruiz, ... Proyecto EVAT Collaborative Members, Luke, **McKay**. "Measuring clinical capacity to sustain pediatric early warning systems (PEWS) in resource-limited hospitals: A Spanish-language Tool." *BMJ Open*. <http://dx.doi.org/10.1136/bmjopen-2021-053116>

\*Heiden, Tetteh, Robbins, Tabak, Meyers, Kozower, **McKay**, Puri. "Dissemination and Implementation Science in Cardiothoracic Surgery: A Review and Case Study." *Annals of Cardiothoracic Surgery*. <https://doi.org/10.1016/j.athoracsur.2021.08.007>

\*Eshun-Wilson, Mody, **McKay**, Hlatshwayo, Bradley, Thompson, Glidden, Geng "Public Preferences for Social Distancing Policy measures to Mitigate the Spread of COVID-19 in Missouri." *JAMA Network Open*. 4(7): e2116113. doi:[10.1001/jamanetworkopen.2021.16113](https://doi.org/10.1001/jamanetworkopen.2021.16113)

\*Malone, Prewitt, Hackett, Lin, **McKay**, Walsh-Bailey, Luke. "The Clinical Sustainability Assessment Tool: Measuring Organizational Capacity to Promote Sustainability in Healthcare." *Implementation Science Communications* 2, 77 (2021). <https://doi.org/10.1186/s43058-021-00181-2>

\***McKay**, Tetteh, Reid, Ingaiza, Combs. "Persistence of Inefficient HIV prevention Interventions: An Analysis of the Reasons Why." *Translational Behavioral Medicine*. available online. <https://doi.org/10.1093/tbm/ibab055>

\*Proctor, **McKay**, Toker, Maddox, Hooley, Lengnick-Hall, MacGibbon, Evanoff. "Partnered innovation to implement timely and personalized care: A case study." *Journal of Clinical and Translational Science*. pp.1-27. <https://doi.org/10.1017/cts.2021.778>

\*Malone, **McKay**, Krucylak, Powell, Liu, Terrill, Saito, Rangel, Newland. "A cluster randomized stepped-wedge trial to de-implement unnecessary post-operative antibiotics in children: the optimizing perioperative antibiotic in children (OPerAtiC) trial" *Implementation Science*. 16(29). <https://doi.org/10.1186/s13012-021-01096-1>

\*Dolcini, Davey-Rothwell, Singh, Catania, J., Gandelman, Narayanan, Harris, **McKay**. "Use of effective training and quality assurance strategies is associated with high-fidelity EBI implementation in practice settings: a case analysis." *Translational Behavioral Medicine*, Volume 11, Issue 1, January 2021, Pages 34–45, <https://doi.org/10.1093/tbm/ibz158>

Lopez, Duncan, Shacham, **McKay**. "Disparities in Mental Health and Health-Compromising Behaviors among Sexual Minority Women: Results from the 2011-2014 National health and Nutritional Examination Survey (NHANES)". *Preventive Medicine*. 142. <https://doi.org/10.1016/j.ypmed.2020.106379>

Dengler, Padovano, Davidge, **McKay**, Yee, Mackinnon. "Dissemination and Implementation Science in Plastic and Reconstructive Surgery: Perfecting, Protecting, and Promoting the Innovation that Defines our Specialty." *Plastic and Reconstructive Surgery*. 147(2), pp.303e-313e. [doi: 10.1097/PRS.00000000000007492](https://doi.org/10.1097/PRS.00000000000007492)

\***McKay**, Cambey, Combs Stubbs, Pichon, Gaur. "Using a modeling-based approach to assess and optimize HIV linkage to care services." *AIDS and Behavior*. 25, pp.886-896. <https://doi.org/10.1007/s10461-020-03051-5>

2020

\***McKay**, Tetteh, Reid, Ingaiza. "Better Service by Doing Less: Introducing De-implementation Research in HIV." *Current HIV/AIDS Reports*. 17, 431–437. <https://doi.org/10.1007/s11904-020-00517-y>

\*Sayood, Venkatram, Hsueh, Newland, Babcock, Warrne, Turabelidze, **McKay**, Rachmiel, Peacock, Habrock-Back, Durkin. "Experience from the Missouri Antimicrobial Stewardship Collaborative: A Mixed Methods Study." *Infection Control and Hospital Epidemiology*. 1-3. <https://doi.org/10.1017/ice.2020.318>

**McKay**, Combs, Dolcini, & Brownson. "The de-implementation and persistence of low-value HIV prevention interventions in the United States: A cross-sectional study." *Implementation Science Communications*. 1(60) 1-10. <https://doi.org/10.1186/s43058-020-00040-6>

\*Malone, Seigel, Newland, Saito, & **McKay**. "Understanding antibiotic prophylaxis prescribing in pediatric surgical specialties." *Infection Control and Hospital Epidemiology*. 4(6), 661-671. <https://doi.org/10.1017/ice.2020.71>

\*Combs, **McKay**, Ornstein, Mahoney, Cork, Brosi, Kasman, Heuberger, Hammond, Luke. "Modeling the impact of menthol sales restrictions & retailer density reduction policies: Insights from Tobacco Town Minnesota." *Tobacco Control*. 29, 502-509. DOI: [10.1136/tobaccocontrol-2019-054986](https://doi.org/10.1136/tobaccocontrol-2019-054986)

2019

\*Burnham, Geng, Venkatram, Colditz, **McKay**. "Putting the Dissemination and Implementation in ID". *Clinical Infectious Disease*. 1(1), 218-225. <https://doi.org/10.1093/cid/ciz1011>

\*Dolcini, Davey-Rothwell, Singh, Catania, Gandelman, Narayana, Harris, **McKay**. "Use of effective training and quality assurance strategies is associated with high-fidelity EBI implementation in practice settings: A case analysis." *Translational Behavioral Medicine*. 11(1), pp.334-45. <https://doi.org/10.1093/tbm/ibz158>

\*Proctor, Ramsey, Brown, Hooley, Malone, **McKay**. "Training in Implementation Practice Leadership (TRIPLE): Evaluation of a Novel Practice Change Strategy in Behavioral Health Organizations." *Implementation Science*. 14(66). <https://doi.org/10.1186/s13012-019-0906-2>



2018

\***McKay**, Morshed, Brownson, Proctor, Prusaczyk. "Letting Go: Conceptualizing Intervention De-implementation in Public Health and Service Settings." *American Journal of Community Psychology*. 62(1-2), 189-202.  
<https://doi.org/10.1002/ajcp.12258>

**McKay**, Hoffer, Combs. "The dynamic influence of human resources on evidence-based intervention sustainability and population outcomes: an agent-based approach." *Implementation Science*, 13(1), 77. <https://doi.org/10.1186/s13012-018-0767-0>

2017

**McKay**, Dolcini, Hoffer. "The dynamics of de-adoption: A case study of policy change, de-adoption, and replacement of an evidence-based HIV intervention." *Translational Behavioral Medicine: Practice, Policy, and Research*. 7(4):821-831.  
<https://doi.org/10.1007/s13142-017-0493-1>

2016

**McKay**, Dolcini, Catania. "Impact of Human Resources on Implementing an Evidence-Based HIV Prevention Intervention." *AIDS and Behavior*, 1-13. <https://doi.org/10.1007/s10461-016-1425-7>

**McKay**, Dolcini, Conte, & Catania. "Adaptations to an HIV Counseling and Testing Intervention from a Counselor Perspective." *Journal of Community Psychology*, 42(8):891-906.  
<https://doi.org/10.1002/jcop.21659>

2014

Catania, Dolcini, Gandelman, & **McKay**. "Fiscal loss and program fidelity: Impact of the economic downturn on HIV/STI prevention program fidelity." *Translational Behavioral Medicine: Practice, Policy, and Research*, 4(1): 34-45.  
<https://doi.org/10.1007/s13142-013-0242-z>

## Book Chapters

2023

\***McKay**, Bailey-Walsh, Malone, McGovern, Niven. "Chapter 12: Missing the Target: Mis-implementation and De-implementation." In *Dissemination and implementation research in health: translating science to practice, 3<sup>rd</sup> Edition*. (Eds.) Brownson, R. C., Colditz, G.A., & Proctor, E.K.; Oxford University Press.

Luke, Morshed, **McKay**, Combs. "Chapter 10: Systems Science methods in Dissemination & Implementation Research." In *Dissemination and implementation research in health: translating science to practice, 3<sup>rd</sup> Edition*. (Eds.) Brownson, R. C., Colditz, G. A., & Proctor, E. K. Oxford University Press.

2017

\*Luke, Morshed, **McKay**, Combs. "Chapter 10: Systems Science methods in Dissemination & Implementation Research." In *Dissemination and implementation research in health: translating science to practice, 2<sup>nd</sup> Edition*. (Eds.) Brownson, R. C., Colditz, G. A., & Proctor, E. K. Oxford University Press.

## Wider Dissemination

2022

The Center from Implementation. Implementation in Action Bulletin. ImpSCI Minutes. The Clinical Sustainability Assessment Tool: measuring organizational capacity to promote sustainability. Jan. 2022.  
<https://thecenterforimplementation.com/implementation-in-action-bulletin/jan-2022>

2018

Ashley Simons-Rudolph. *Why it's so Hard to Say Goodbye (to our interventions)*. Community psychology: Social Justice Through Collaborative Research and Action. <https://www.communitypsychology.com/letting-go-of-our-interventions/>

## Selected Refereed Presentations

*Unless otherwise noted, first author was the presenting author*

2025

\*Le Tourneau, Tetteh, Swan, Gross, Manning, Cole, Wolf, Hudson-Lewis, López, Combs, **McKay**. "HIV Testing Barriers in Structurally Vulnerable Communities in St. Louis: Best-Worst Scaling Survey." Poster presented at the Conference on Retroviruses and Opportunistic Infections; March, 2025: San Francisco.

2024

\*Swan, Tetteh, Le Tourneau, Gross, Combs, **McKay**. "Preferences for HIV testing among communities facing a disproportionately higher burden of HIV in St. Louis, Missouri: a best-worst scaling survey." Poster presented at the Annual Conference for the Institute of Public Health Washington University in St. Louis; October, 2024: St. Louis.

\*Gross, **McKay**, Manning, Cole,...Tetteh, Ballard. "A path to systems-level intervention: Using group model building for the Clear Path Project with HIV Testing Providers in the St. Louis Region." Poster presented at the Annual Conference for the Institute of Public Health Washington University in St. Louis; October, 2024: St. Louis.

**McKay**, zamantakis, ...Benbow, Mustanski. The Implementation Science Coordination Initiative (ISCI) for evidence-based HIV service, supporting implementation in practice. Rapid Fire Spotlight on HIV: Key Insights and Advances, Part 2 and poster presentation for Annual Conference for the Infectious Disease Society of America (ID Week); October, 2024: Los Angeles

Newland, Lu, Tao,...Malone, **McKay**. Reducing Inappropriate Post-Operative Antibiotics in Pediatrics: The Optimizing PERioperative AnTibiotics In Children (OPERATIC) Trial. Poster presentation for Annual Conference for the Infectious Disease Society of America (ID Week); October, 2024: Los Angeles

\***McKay**, McGovern, Saito, Rangel, Bono, Newland, Malone. Order sets paired with facilitation training to effectively reduce postoperative surgical prophylaxis. Poster presentation for Annual Conference for the Infectious Disease Society of America (ID Week); October, 2024: Los Angeles

\*Salek, Ferrara, Bhakta, **McKay**, Graetz. Learning to Let Go: Exploring de-implementation science in the context of pediatric cancer. 56<sup>th</sup> Congress of the International Society of Pediatric Oncology (SIOP); October, 2024: Hawaii

2023

Agulnik, Quesada-Stoner, Sijecic, ...**McKay**. Documenting adaptations to an evidence-based intervention in 58 resource-variable pediatric oncology hospitals across implementation phases. Oral presentation at the 16<sup>th</sup> Annual Conference on Dissemination and Implementation in Health; December, 2023: Washington, D.C.

**McKay**, Malone, Saito, Rangel, Bono, Newland. Facilitation training for antimicrobial stewards to reduce excessive antibiotic use in children's hospitals. Poster presentation at the 16<sup>th</sup> Annual Conference on Dissemination and Implementation in Health; December, 2023: Washington, D.C.

Cuevas-Soulette, **McKay**, Allen, ...Colditz. Advancing the real-world impacts of implementation science: The Washington University in St. Louis implementation science center in cancer control and prevention. Poster presentation at the 16<sup>th</sup> Annual Conference on Dissemination and Implementation in Health; December, 2023: Washington, D.C.

**McKay**, Zamantakis, Pachicano, Brewer...Smith, Mustanski. Establishing evidence criteria and recommendations for implementation strategies supporting HIV services: A delphi study. Poster presentation at the 16<sup>th</sup> Annual Conference on Dissemination and Implementation in Health; December, 2023: Washington, D.C.



Agulnik, Gonzalez-Ruiz, Costa, Prewitt, Luke, **McKay**, Malone. Translating the clinical sustainability assessment tool (CSAT) to promote global assessment of sustainability capacity. Poster presentation at the 16<sup>th</sup> Annual Conference on Dissemination and Implementation in Health; December, 2023: Washington, D.C.

**McKay**, Chen, Prewitt, Malone....Luke, Agulnik. Developing concurrent validity for the clinical sustainability assessment tool (CSAT) in global settings. Oral presentation at the 16<sup>th</sup> Annual Conference on Dissemination and Implementation in Health; December, 2023: Washington, D.C.

## 2022

Malone, **McKay**, Saito, Rangel, Bono, Newland. Designing and evaluating a facilitation workshop for antimicrobial stewardship teams to de-implement inappropriate perioperative antibiotic use in pediatric hospitals: the OPerAtic trial. Poster presentation at Annual Conference for the Infectious Disease Society of America (ID Week); October, 2022; Washington, D.C. McKay as the presenting author.

Agulnik, Malone, Puerto-Torres, .... Devidas, Luke, **McKay** on behalf of the EVAT Study Group. "Hospital Factors Impacting Sustainability of Pediatric Early Warning Systems in Resource-Limited Pediatric Oncology Centers". Oral presentation at the Society for the 54<sup>th</sup> Congress of the International Society of Pediatric Oncology (SIOP). October, 2022; Barcelona, Spain.

\***McKay**, Zamantakis, Keiser, Pachicano, Benbow, Hirschhorn. "Developing criteria to evaluate and identify best practice implementation strategies." Presentation as part of the symposium: *A multipronged approach for creating generalizable and actionable implementation knowledge to end the HIV epidemic in the US*. 2022 Society for Implementation Research Collaboration Conference. September, 2022. San Diego.

## 2021

Agulnik, Malone, Puerto-Torres, Gonzalez-Ruiz, Vedaraju,... Luke, **McKay**, on behalf of the EVAT Study Group. *Measuring Clinical Capacity to Sustain Pediatric Early Warning Systems (PEWS) in Resource-Limited Pediatric Cancer Hospitals: A Spanish-language Tool*. Poster presentation to the 53<sup>rd</sup> Congress of the International Society of Pediatric Oncology (SIOP). October, 2021. Virtual Conference.

## 2020

Andersen, Combs, Endrizal, Brossart, Vogal, Namwase, Poor, **McKay**, Luke. *Retail tobacco policy efforts and barriers to implementation in the US: Insights from local practitioners*. Poster presentation to the 13<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation in Health. December, 2020. Virtual Conference.

**McKay**, Combs, Endrizal, Brossart, Vogel, Poor. *Tailoring evidence dissemination to preferences of tobacco control partners: Lessons from an academic-community partnership for tobacco control*. Poster presentation to the 13<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation in Health. December, 2020. Virtual Conference.

\*Malone, **McKay**, Prewitt, Smith, Agulnik, Luke. *Validating and enhancing the clinical sustainability assessment tool: A quick assessment for researchers and practitioners*. Oral presentation to the 13<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation in Health. December, 2020. Virtual Conference.

\*Malone, **McKay**, Prewitt, Luke. *Assessing clinical sustainability: A new, user-friendly tool for evaluating real-world practices*. Oral presentation to the American Public Health Association Annual Conference. October, 2020. Virtual Conference.

\***McKay**, Cambey, Combs, Stubbs, Pichon, Guar. *Using a modeling-based approach to assess and optimize HIV linkage to care services*. Poster presentation to the AIDS 2020 International Conference. July, 2020. Virtual Conference.

**\*McKay, Combs, Reid, Ingaiza, Tetteh, Chitenga.** *Understanding de-implementation and persistence of low value HIV prevention interventions in the United States: A mixed-method study.* Poster presentation to the AIDS 2020 International Conference. July, 2020. Virtual Conference.

2018

**\*McKay, Cao, Sedlack, Combs.** *The persistence of low-value HIV prevention interventions: Are organizations hanging on?* Oral Presentation to the 11th Annual Conference on the Science of Dissemination and Implementation. Washington, D.C.

**\*Malone, Siegel, Newland, McKay.** *Using i-PARIHS to understand pediatric surgeon's views on antibiotic prescribing for surgical prophylaxis.* Poster Presentation to the 11th Annual Conference on the Science of Dissemination and Implementation. Washington, D.C.

**\*McKay, Cao, Sedlack, Combs.** *The persistence of evidence-based behavioral interventions among HIV prevention providers.* Poster presentation to the Annual Conference for the Treatment of HIV. Chicago, IL.

2017

**\*Baumann, McKay, Prusaczyk, Gerke, Ramsey, Tabak, Morshed, Lewis, Small, Kryzer, Proctor.** *Toolkits for Dissemination and Implementation of Evidence-Based Innovations: A Resource for Researchers.* Poster presentation to Institute for Public Health Annual Conference. St. Louis, MO.

**\*McKay, Baumann, Prusaczyk, Kryzer, Gerke, Ramsey, Tabak, Morshed, Proctor.** *Toolkits for Dissemination and Implementation of Evidence-Based Innovations: A Resource for Researchers.* Poster presentation to AcademyHealth Annual Research Meeting. New Orleans, LA.

2016

**McKay, Combs, Luke.** *Applying Agent-based Modeling to Dissemination & Implementation Research: An Innovative Simulation Approach to Complex Challenges.* Poster presentation to AcademyHealth Annual Research Meeting. New Orleans, LA.

2015

**McKay, Dolcini, Hoffer.** *When interventions end: The dynamics of intervention de-adoption and replacement.* Oral presentation submitted to 8<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation. Washington D.C.

**McKay, Hoffer, Dolcini.** *Agent-based modeling: A new method for simulating intervention implementation.* Poster presentation submitted to 8<sup>th</sup> Annual Conference on the Science of Dissemination and Implementation. Washington D.C.

**McKay, Organizational climate, culture, capacity, and change: a conceptual and practical review for understanding organizational context and evidence-based practice.** Poster presentation at the Public Health Services & Systems Research Keenland Conference. Lexington, KY.

2014

**McKay, Dolcini, Catania.** *Supervisor Turnover: How does it impact evidence-based programs?* Oral Presentation at the American Public Health Association Annual Meeting and Exposition. New Orleans, LA.

**McKay, Dolcini, & Catania.** *"My job was already two jobs": The impact of personnel.* Health Services & Systems Research Keenland Conference, Lexington, KY.

2012

**Catania, Dolcini, Gandelman, Conte, & McKay.** *Funding reductions in HIV behavioral intervention impact program fidelity.* Oral presentation to the annual meeting of the American Public Health Association, San Francisco, CA.

Conte, Catania, **McKay**, & Dolcini. *Impact of time restraints on program fidelity in a counseling and testing HIV intervention*. Poster presented to the annual meeting of the American Public Health Association, San Francisco, CA.

**McKay**, Catania, Dolcini, & Conte. *Adaptations to an HIV counseling and testing intervention from a counselor perspective*. Poster presentation to annual meeting of the Oregon Public Health Association, Corvallis, OR.

Catania, Dolcini, Gandelman, Bernell, Conte, & **McKay**. *The impact of the economic downturn on HIV behavioral intervention implementation*. Poster presented to the annual meeting of the Society of Behavioral Medicine, New Orleans, LA.

**McKay**, & Brown. *Behavioral Immunity: An HIV Education Strategy*. Poster presentation to the annual Sigma Xi Student Research Conference, Raleigh, NC.

### Invited Presentations

#### **2025**

*De-implementation a crash course*. Invited presentation for the Alberta SPOR SUPPORT Unit. March.

*De-implementing low value interventions in HIV and other infectious disease*. Invited presentation for the Center for AIDS Research at Emory University. March.

*Sustainability and Scale Up*. Invited presentation for the Global Alliance for Chronic Disease (GACD). February.

*De-implementation – A Quick Tour*. Invited presentation for the Pediatric Acute Lung injury and Sepsis Investigators (PALISI) National Network. January.

*Establishing evidence Criteria to Identify and Disseminate Best Practice Implementation Strategies in HIV*. Invited presentation for Virtual Grand Rounds hosted by the Center for Dissemination and Implementation at Stanford (C-DIAS) and Prevention Science and Methodology Group (PSMG) at Northwestern University. January.

<https://cepim.northwestern.edu/calendar-events/2025-1-21-mckay?rq=mckay>

*Implementation Science – A Crash Course*. Invited presentation for workshop on implementation science and the environment hosted by the Center for the Environment at Washington University in St. Louis. January.

#### **2024**

*Sustainable programming in infectious disease and prevention*. Invited presentation for the Annual Bi-State Infectious Disease Conference. November.

*Advancing Sustainability Research in Cancer Control*. Invited presentation through the National Cancer Institute. September. <https://cancercontrol.cancer.gov/is/training-events/webinars/advancing-sustainability-research-in-cancer-control>

*Testing an Implementation Strategy for Antimicrobial Stewards to Reduce Excessive Antibiotic Use in Children's Hospitals*. Invited presentation for the College of Public Health Speaker Series at Oregon State University. March.

*Capacity to Sustain Pediatric Early Warning Systems for Childhood Cancer Survival in Latin America*. Invited Presentation for the St. Jude Collaborative Annual Meeting. March.

*Capacity to Sustain Pediatric Early Warning Systems for Childhood Cancer Survival in Latin America – a work in progress*. Invited presentation for the Center for Global Health at the Institute of Public Health Global Health Work in Progress speaker series. January.

## 2023

*Learning to Let Go: De-implementation Science in the Context of LMICs.* Invited presentation for the 2023 St. Jude Global Alliance Convening. December.

*De-implementation: A Guided Tour and Research Trajectory.* Guest Lecture for Quality Improvement Course. St. Louis University. December.

*Implementation Science to Improve Childhood Cancer Survival in LMICs.* Invited presentation for the National Cancer Institute Global Cancer Research and Control Seminar Series. September.

*Preserving Progress: Sustainability Capacity in Practice.* Invited presentation for the Proyecto EVAT Annual Meeting. St. Jude Global. St. Jude Children's Pediatric Hospital. August.

*Housing Insecurity and Climate Change.* Invited panelist for the Systems Science for Social Impact Institute. Washington University in St. Louis. August.

*Implementation Science: A Crash Course.* Invited presentation to the Antimicrobial Stewardship, Infection Prevention, and Implementation Science Symposium. Washington University in St. Louis. July.

*De-implementation: A Guided Tour and Research Trajectory.* Guest lecture to T32 Fellows at ICAP Columbia University. February.

## 2022

*Qualitative Data Analysis.* Guest lecture to research design and methods course. Washington University in St. Louis. Brown School. October.

*Drop your tools: the science of de-implementation.* Guest lecture to the HIGH IRI Fellows 2022 Training. Washington University in St. Louis. September

*De-implementation: A Guided Tour.* Guest lecture to the D&I Interest Group. Harvard University. April.

## 2021

*De-implementation in Implementation Science: Sometimes We Intervene Too Much.* Guest lecture to health promotion planning and management course. University of North Carolina Charlotte. November.

*Improve Linkage to HIV Treatment: The SMILE Memphis Model.* Guest lecture to introduction to agent-based modeling course. Washington University in St. Louis. Brown School. October.

## 2020

*Qualitative Methods in Implementation Science.* Guest lecture to awardees of the Mentored Training in Implementation Science Program for early career faculty. Washington University School of Medicine. December.

*De-implementation in Implementation Science: Sometimes we intervene too much.* Guest Lecture for Dissemination and Implementation Science Course. Washington University School of Medicine. March & October.

## 2019

*Implementation Science and HIV in Global Settings.* Presentation to the 3rd Annual NCD, Hypertension, Cardiometabolic Disease and HIV Scientific Symposium. Kigali, Rwanda. August.

*Using Qualitative Methods in Implementation Science.* Presentation to the 3rd Annual NCD, Hypertension, Cardiometabolic Disease and HIV Scientific Symposium. Kigali, Rwanda. August.

*The SMILE Memphis Modeling Project: A Work in Progress.* Systems Science Interest Group. Washington University in St. Louis. St. Louis, MO. March

*De-implementation in Implementation Science: Sometimes we intervene too much.* Guest Lecture for Dissemination and Implementation Science Course. Washington University School of Medicine. March

2018

*De-implementing low-value HIV prevention interventions: a work in progress.* Pre/Postdoctoral Interdisciplinary Research Training in Translation Seminar. Washington University in St. Louis School of Medicine.

2016

*Intervention Sustainability and De-adoption in HIV Prevention: Future Directions for D&I theory, D&I methods, and HIV Prevention.* Center for Mental Health Services Research Seminar, George Warren Brown School of Social Work, Washington University in St. Louis.

2015

*Simulating HIV Prevention.* To Pecha Kucha. Knoxville, TN.

*Examining the Sustainability of an HIV Prevention Intervention Using Simulation: An Early Look.* To Master of Public Health Student Seminar. Department of Public Health. University of Tennessee.

2014

*HIV Prevention Research – drawing from two projects to create a platform for future research and prevention.* To Master of Public Health Student Seminar, Department of Public Health, University of Tennessee.

### Workshops & Seminars

2021, 2023

Dissemination and Implementation Workshop. Center for Dissemination and Implementation. Invited Discussant.

2019

Systems Science for Social Impact. Brown School of Social Work Summer Training Program. Invited Discussant.

2018

Doctoral Seminar. Brown School of Social Work. Invited discussant.

2017

Master's Seminar. Department of Anthropology. University of Memphis. Invited discussant.

"De-Implementation Scientific Prospects and Challenges Workshop; To Have, To Hold, or To Let Go." Hosted by the National Heart, Lung, and Blood Institute. Invited participant.

## Grants, Awards, and Honors

### Grants

#### *Active*

2025-2026      \$10k. Midwest Developmental Center for AIDS Research (DCFAR) parent grant # P30AI176532. **The Clear Path Project: A Regional System for HIV testing.** These complementary funds will provide additional support to evaluate the Clear Path Coalition and associated initiatives to improve coordination and expansion of HIV testing among organizations serving communities most at risk for HIV in the St. Louis Region.  
**Role:** Principal Investigator/Pilot recipient

2025-2026	<p>\$50k. Institute for Clinical and Translational Sciences (ICTS) Parent Grant # UL1TR002345. <b>The Clear Path Project: A Regional System for HIV testing.</b> This pilot is evaluating the preliminary effectiveness and feasibility of the Clear Path Coalition and associated initiatives to improve coordination and expansion of HIV testing among organizations serving communities most at risk for HIV in the St. Louis Region.</p> <p><b>Role:</b> Principal Investigator/Pilot recipient</p>
2024-2029	<p>\$R01MH133610-01. <b>Dynamic Sustainment of Evidence-Based Interventions in Mental Health.</b> This study examines the dynamic interplay of adaptation and sustainment of an evidence-based intervention designed to support physical activity for people with several mental health diagnoses. PI: Aschbrenner, PhD, Dartmouth College</p> <p><b>Role:</b> Co-Investigator</p>
2024-2025	<p>\$187K. 5R37CA276215-02. <b>Clinical capacity, communication quality, and PEWS sustainment - an administrative Supplement.</b> This supplemental award will examine the relationships between communication quality and clinical capacity as a mediating concept that improves sustainment of pediatric early warning systems (PEWS) as part of the parent award examining clinical capacity determinants of PEWS sustainment.</p> <p><b>Role:</b> Principal Investigator, (Multi-PI with Asya Agulnik, St. Jude Children’s Research Hospital)</p>
2024-2029	<p>\$297K. R18HS030070. <b>Dissemination of a Facilitation Strategy to Deimplement Unnecessary Post-Operative Antibiotics at Children’s Hospitals.</b> This dissemination grant will promote a facilitation workshop among antimicrobial stewardship teams in pediatric hospitals to support reduction of unnecessary antibiotic use in pediatric surgical patients for clean and clean-contaminated cases.</p> <p><b>Role:</b> Principal Investigator, (Multi-PI with Jason Newland, Ohio State University)</p>
2024-2029	<p>\$1M. P30AI176532. <b>Midwest Developmental Center for AIDS Research.</b> This Developmental Center for AIDS Research is dedicated to addressing the disproportionate burden of HIV in Missouri by cultivating scientific leadership, developing institutional capacity, and fostering engagement with community. Consisting of multiple cores, the Dissemination and Implementation Core offers services specifically to support dissemination and implementation research in HIV.</p> <p>MPIs: Geng, Iwelunmor</p> <p><b>Role:</b> Co-Investigator, Core Co-lead</p>
2024-2026	<p>\$500K R37CA276215-02S1. <b>Pediatric onco-critical care resources as determinants of PEWS sustainability.</b> This supplement aims to investigate how hospital POCC (pediatric onco-critical care) resources, as evaluated by PROACTIVE (PediaticRic Oncology cAPaCity assessment Tool for IntensiVe care), impact ongoing PEWS use and maintenance of patient benefits (sustainability). PI: Asya Agulnik; Project Director: Anita Arias Prado.</p> <p><b>Role:</b> Co-Mentor</p>
2023-2030	<p>\$2.25M R37CA276215. <b>Clinical Capacity and Sustainability of Pediatric Early Warning Systems to Improve Pediatric Oncology Outcomes in Resource-limited Settings.</b> The objective of this project is to identify clinical capacity determinants that impact the sustainment of an evidence-based intervention – Pediatric Early Warning Systems over time in low-resourced hospitals in Latin American providing treatment for pediatric oncology patients.</p> <p><b>Role:</b> Principal Investigator, (Multi-PI with Asya Agulnik, St. Jude Children’s Research Hospital)</p>
2023-2025	<p>\$350K Missouri Foundation for Health. <b>Supporting Targeted and Coordinated HIV testing to End the Epidemic in the St. Louis Region.</b> The objective of this project is to optimize and harmonize HIV testing system in the St. Louis Region for those at increased risk for HIV including men who have sex with men, young adults, and black communities.</p> <p><b>Role:</b> Principal Investigator</p>



2019-2025	<p>\$1.55M R01HS026742. Agency for Healthcare Research and Quality <b>De-Implementation of Unnecessary Surgical Antibiotic Prophylaxis in Children</b>. This study will identify and test interventions to reduce unnecessary antibiotic use in children undergoing surgical procedures. Results from this study will be disseminated to other hospitals that perform surgeries in children, leading to a significant reduction in unnecessary antibiotic use. PI: Newland, MD. Washington University School of Medicine</p> <p><b>Role:</b> Co-Investigator</p>
2017–2026	<p>\$1.2M. UL1TR002345. NIH/NCATS. <b>Dissemination and Implementation Research Core (DIRC)</b> within the Institute of Clinical and Translational Sciences (ICTS) a CTSA site at Washington University in St. Louis. Provides consultation to ICTS researchers interested in incorporating dissemination and implementation research approaches into their research proposals. PI: Powderly; Director: Geng, Washington University School of Medicine</p> <p><b>Role:</b> Key Personnel</p>
<i>Concluded</i>	
2022-2025	<p>\$5M P30AI117943. <b>Implementation Science Coordination and Collaboration Initiative</b>. This award aims to synthesize HIV-specific D&amp;I knowledge to improve the integration and use of implementation research methods and findings by researchers and practitioners; inform, design, and pilot a national resource consortium for HIV implementation research. Multi-PIs, Benbow, PhD, Mustanski, PhD, D'Aquila, MD; Northwestern University</p> <p><b>Role:</b> Co-Investigator</p>
2023-2024	<p>\$40K Center for Dissemination and Implementation. <b>The Preferences for Antiretroviral Therapy Care (PAC) Study</b>. To better understand and reduce HIV transmission, and by applying best-worst scaling methodology, this study aims to characterize preferences for service delivery among persons living with HIV who have experienced a lapse in care or are lost to follow-up. Findings from this multi-site study will be used to align health care services with patient preference, ultimately improving retention in HIV care. PI: Aditi Ramakrishnan</p> <p><b>Role:</b> Co-Investigator</p>
2023-2024	<p>\$38K Center for Dissemination and Implementation. <b>Implementation of a Sustainable STI Screening Program in the Pediatric ED</b>. Guided by the Practical, Robust Implementation and Sustainability Model we will improve utilization of a STI screening program in St. Louis Children's Emergency Department. We will describe organizational and patient perspective and characteristics through staff responses to the Clinical Sustainability Assessment Tool and qualitative interviews which will influence implementation. We will measure RE-AIM outcomes and use maintenance cycles for continued sustainment. PI: Jane Alyce Hunt</p> <p><b>Role:</b> Co-Investigator</p>
2023-2024	<p>\$50K Global Health Center. Institute of Public Health. <b>Implementation of a handshake stewardship intervention to address perioperative antibiotic use at the University of Ghana Medical Center</b>. As part of an ongoing collaboration which started through funding by the McDonnell Academy, we identified prolonged antibiotic use for surgical procedures beyond the recommended duration to be driving antibiotic overuse at the University of Ghana Medical Center (UGMC). We seek to implement and compare two interventions targeting perioperative antibiotics at the UGMC. Those interventions will include a) educational modules followed by b) handshake stewardship (person-to-person counseling on appropriate and inappropriate antibiotic use). PI: Mattar, MD, Washington University School of Medicine</p> <p><b>Role:</b> Co-Investigator</p>

2022-2024	<p>\$275K R21DA057136. <b>Intersectional stigma among rural buprenorphine providers as a barrier to diffusion of harm reduction strategies and interventions to enhance engagement in treatment use disorders.</b> This project investigates the mechanisms through which intersecting drug, HIV and sexuality-based stigmas influence providers' diffusion, acceptance and adoption of opioid use disorder and HIV prevention harm reduction practices and prescribing of buprenorphine, naltrexone and PrEP among providers working in primary care settings at Federally Qualified Health Centers in rural Missouri. PI: Marotta, PhD, Washington University in St. Louis</p> <p><b>Role:</b> Co-Investigator</p>
2020-2023	<p>\$4.9M P50 HD103525-01S1. <b>Supporting the health and well-being of children with intellectual and developmental disability during COVID-19 pandemic.</b> The goal of the IDDRC RADx-UP is to determine the best implementation strategies to maximize use of a saliva-based SARS CoV-2 diagnostic test for vulnerable children and their caregivers in a special school setting by assessing local and national attitudes about COVID-19 and testing. Multi-PIs: Constantino, MD, Gurnett, MD, Newland, MD; Washington University School of Medicine</p> <p><b>Role:</b> Co-Investigator</p>
2022	<p>\$6,500. Women Informing Now Micro-Grant awarded to the International Community of Women Living with HIV North America to provide <b>Healing Together</b>. A stigma reduction program for cis-gender women of color living with HIV provided by the International Community of Women Living with HIV.</p> <p><b>Role:</b> Evaluator</p>
2019-2024	<p>\$1.8M R01CA235615. <b>RCT to Evaluate an Implementation Strategy to Increase Optimal Use of HPV Vaccine in Primary Care.</b> The ultimate goal is to provide critical new knowledge in how to change care delivery in the primary care setting to ensure optimal use of the human papilloma virus (HPV) vaccine. Primary prevention of HPV-related urogenital and oropharyngeal cancers could significantly reduce morbidity, mortality, and healthcare costs associated with these commonly occurring cancers. PI: Newland, MD, Washington University School of Medicine</p> <p><b>Role:</b> Co-Investigator</p>
2018-2023	<p>\$13.8M P01CA25597. <b>ASPiRE: Advancing Science and Practice in the Retail Environment.</b> Three innovative research projects examining the degree to which tobacco retailer density contributes to tobacco use and tobacco-related disease over time using archival data, evaluate the impact of local retail interventions on tobacco use outcomes using data from a longitudinal panel of tobacco users adult smokers, and developing computational modeling to simulate community-level interventions to understand how changes in the built and consumer environments may lead to improved public health. Multi-PIs: Luke, PhD, Washington University School in St. Louis; Ribisil, PhD, University of North Carolina; Henrickson, PhD, Stanford University.</p> <p><b>Role:</b> Co-Investigator</p>
2020-2023	<p>\$423K K23HD098315. <b>Oxygen for intrauterine resuscitation: Investigating the role of oxidative stress.</b> The central goal of this proposal is to study the effect of peripartum maternal oxygen administration on free-radical induced oxidative stress in the mother and fetus in order to address the safety of such a ubiquitous practice. PI: Raghuraman, MD, Washington University School of Medicine.</p> <p><b>Role:</b> Advisor/Consultant</p>
2020-2023	<p>\$50K St. Jude Children's Research Hospital. <b>Validate CSAT.</b> The goal of this pilot study is to translate, adapt, and validate the clinical sustainability assessment tool (CSAT) for use in pediatric oncology centers in Central and South America. The ultimate goal will be to examine the clinical capacity factors which drive sustainment of PEWS, a clinical tool to assess pediatric cancer patients implemented in oncology centers.</p> <p><b>Role:</b> Principal Investigator</p>

2019-2023	<p>\$1.5M R18HS026704. <b>Implementation of Electronic Health Screening in Primary Care to Improve STI Testing.</b> This program seeks to take an existing clinical decision support tool currently being used to identify adolescents in the emergency department in need of STI testing and implementing in the pediatric primary care setting. PI: Ahmad, MD, Washington University School of Medicine.</p> <p><b>Role:</b> Co-Investigator</p>
2020-2021	<p>\$40K Institute of Public Health, Washington University in St. Louis. <b>Frontline healthcare personnel and hospital incident command system perspectives of infection prevention and crisis management during the COVID-19 pandemic.</b> We will conduct a qualitative study of frontline healthcare personnel at Barnes-Jewish Hospital addressing themes related to infection prevention, perception of risk, and crisis management during the COVID-19 pandemic. We will also conduct a qualitative study of emergency managers, hospital leaders, and other hospital incident command stay at Barnes-Jewish Consortium hospitals focusing on organizational decision-making and dissemination and implementation challenges encountered during the COVID-19 pandemic. PI: Liang, MD, Washington University School of Medicine.</p> <p><b>Role:</b> Co-Investigator</p>
2019-2022	<p>\$30K P50CA24431. <b>Washington University Implementation Science Center for Cancer Control (WU-ISCCC).</b> The overall goal of the WU-ISCCC is to build a rigorous, scientific evidence base for rapid-cycle implementation research to increase the reach, external validity, and sustainability of effective cancer control interventions focusing on disadvantaged and minority populations in rural and other underserved communities. PI: Brownson, DrPH, Colditz, MD, Washington University School of Medicine.</p> <p><b>Role:</b> Project Lead/Pilot recipient</p>
2019-2020	<p>\$30K Institute of Public Health. Washington University School of Medicine. <b>Optimizing Donor Care in Lung Transplantation.</b> Our group, as well as others, have demonstrated a lung protective management (LPM) algorithm significantly improves lung utilization in brain dead donors, increasing usability to approximately 35%. The aim of this project is to develop D&amp;I strategies for LPM in brain dead donors to encourage wide adoption of LPM for donor management at organ procurement organizations (OPOs) nationally. PI: Varun Puri, MD, Washington University School of Medicine.</p> <p><b>Role:</b> Co-Investigator</p>
2018-2020	<p>\$200K Craig H. Neilsen Foundation. <b>Patient Engagement Intervention in Inpatient Spinal Cord Injury Rehabilitation.</b> Adapting and testing and evidence-based intervention to enhance engagement and outcomes for patients with spinal cord injuries. PI: Wong, PhD, Washington University School of Medicine.</p> <p><b>Role:</b> Co-Investigator</p>
2017–2020	<p>\$275K R21MH115772. <b>De-implementation of Low-value HIV Prevention Interventions.</b> Exploratory research project to understand the extend of intervention de-implementation among HIV prevention organizations and the processes involved in de-implementing interventions.</p> <p><b>Role:</b> Principal Investigator</p>
2018-2020	<p>\$30K Institute of Public Health. Washington University School of Medicine. <b>Formative research for system-level support to improve entry into HIV treatment.</b> A pilot project to describe and model referral networks associated with an evidence-based linkage to care program in Memphis, Tennessee.</p> <p><b>Role:</b> Principal Investigator</p>
2019	<p>\$215K Missouri Department of Health. <b>Antibiotic Stewardship Activities.</b> Assess Antimicrobial Stewardship Activities in Missouri Hospitals, provide multi-drug resistant organism (MDRO) and stewardship expertise through consultation and regular webinars, assess Missouri healthcare facility interest in an MDRO registry. PI: Hsueh, MD, Washington University School of Medicine</p>

**Role:** Co-Investigator

- 2018–2019     \$30K Institute of Public Health. Washington University School of Medicine. **De-implementation of Excess Antibiotic Prophylaxis in Adult Surgical Procedures.** A pilot project to understand antibiotic prescribing and beliefs among surgeons in community hospitals. PI: Newland, MD, Washington University School of Medicine  
**Role:** Co-Investigator
- 2016–2017     \$8,600. T32 MH019960. National Institute of Mental Health. GWB Mental Health Service Research Training. PI: Enola Proctor, PhD, Washington University in St. Louis.  
Role: Postdoctoral Research Fellow

Awards

- 2022     Society for Implementation Research and Collaboration Mission Award Finalist. Accepted on behalf of the Center for Public Health Systems Science.
- 2015     \$750. Graduate Student Travel Award. College of Public Health and Human Sciences, Oregon State University.
- 2015     \$3,000. Ruth E. Warnke Graduate Fellowship for Dissertation Research, College of Public Health and Human Sciences, Oregon State University.
- 2011–2015     \$30,000. Provost's Distinguished Graduate Fellowship, Oregon State University. Award + tuition remission for the 1<sup>st</sup> year of enrollment; tuition remission + guaranteed assistantship for 3 subsequent years.
- 2009     \$400. Grants in Aid of Research. Sigma Xi, The Scientific Research Society.
- 2009     \$2,000. Study Abroad Travel Scholarship. University of Memphis.

Professional Affiliations

Society for Implementation Research (SIRC)

Teaching & Mentoring Experience

Semester Courses

- 2024     Health Behavior and Health Promotion. Brown School, Washington University in St. Louis.
- 2016     H100: Introduction to Public Health. College of Public Health and Human Sciences, Oregon State University.
- 2012–2015     H 312: HIV/STIs from a Global Perspective. College of Public Health and Human Sciences, Oregon State University.
- 2011     Anthropology 101: General Anthropology. College of Arts and Sciences, Technical College of the Lowcountry.
- 2009–2010     Anthropology 1200: Introduction to Cultural Anthropology. Department of Anthropology, University of Memphis.

Short Courses

- 2024     Dissemination and Implementation Training Institute, Washington University in St. Louis
- 2023–2024     HIV and Infectious Disease in Global Health Implementation Research Institute (HIGH IRI), Washington University in St. Louis
- 2022, 2024     Systems Science Thinking and Principles, Systems Science for Social Impact Institute, Washington University in St. Louis.

## Mentoring

### *Early Career*

Marta Salek, MD, St. Jude Children's Research Hospital  
Anita Arios Prado, MD, St. Jude Children's Research Hospital – NIH Diversity Supplement  
Emmanuel Tetteh, MD, MPH, Brown School, Washington University in St. Louis  
Phillip Marotta, PhD, Brown School, Washington University in St. Louis  
Sara Malone, PhD, MSW, Department of Surgery, Washington University in St. Louis School of Medicine – 2022-2024  
Christopher Kemp, PhD, Johns Hopkins University – HIV, Infectious disease, and Global Health Implementation Research Institute (HIGH IRI) Fellow – 2022-2024  
Cho-Hee Shrader, PhD, Columbia University – HIV, Infectious disease, and Global Health Implementation Research Institute (HIGH IRI) Fellow – 2022-2024  
Sonali Andavi, MD, Duke University – HIV, Infectious disease, and Global Health Implementation Research Institute (HIGH IRI) Fellow – 2022-2024  
Aditi Ramakrishnan, MD, Department of Infectious Disease, Washington University in St. Louis – KL2 Institute for Clinical and Translational Science Scholars Program 2022-2024  
Nandini Raghuraman, MD, Division of Clinical Research, Washington University in St. Louis – K23 Mentored Patient-Oriented Research Career Development Award 2020-2023  
Ingrid Wilson, MD, Department of Infectious Disease, Washington University in St. Louis – KL2 Institute for Clinical and Translational Science Scholars Program 2020-2021  
Enyo Ablordeppey, MD, Department of Anesthesiology and Emergency Medicine – K12 Mentored Training in Implementation Science Fellow 2019-2021

### *Postdoctoral*

James Merle, PhD, University of Utah 2024  
alithia zamantakis, PhD, Northwestern University 2023  
Corey Bradley, PhD, Department of Infectious Disease, Washington University in St. Louis 2023  
Ed Tsai, PhD, Brown School, Washington University in St. Louis 2022  
Rebecca Legnick-Hall, PhD, Brown School, Washington University in St. Louis 2021  
Joseph Ornstein, PhD, Brown School, Washington University in St. Louis 2020

### *Doctoral*

Greg Gross, PhD, Brown School, Washington University in St. Louis *expected completion 2026*  
Callie Walsh Bailey, PhD, Brown School, Washington University in St. Louis 2024  
Ryan Walsh, PhD, Division of General Medical Sciences, Washington University in St. Louis 2023  
Sara Malone, MSW, PhD, Brown School, Washington University in St. Louis 2022  
Ryan Singh, PhD, Oregon State University 2020  
Cole Hooley, PhD, Brown School, Washington University in St. Louis 2019  
Alexandra Morshed, PhD, Brown School, Washington University in St. Louis 2019

### *Master*

Harry Obeng, Brown School Washington University in St. Louis *expected completion 2026*  
McKenzie Swan, Brown School Washington University in St. Louis *expected completion 2025*  
Sayenda Islam, Brown School Washington University in St. Louis 2024  
Shambhavi Fnu, Brown School Washington University in St. Louis 2024  
Lawrence Katumba, Brown School Washington University in St. Louis 2024  
Gabiella Schmidt-Grimminger, Institute of Public Health Summer Intern, Washington University in St. Louis 2022  
Emmanuel Tetteh, MPH, Brown School, Washington University in St. Louis 2021  
Miranda Reid, MPH, Brown School, Washington University in St. Louis 2020  
Lucy Ingaiza, MPH, Brown School, Washington University in St. Louis 2020  
Sithembile Chitenga, MPH, Brown School, Washington University in St. Louis 2020  
Chao Cao, MPH, Brown School, Washington University in St. Louis 2018

### *Undergraduate*

Nicholas Wong, BA, School of Arts and Sciences, Washington University in St. Louis 2025  
Alejandra Quesada-Stone, BS, University of Colorado 2025

Collin McGovern, BA, School of Arts and Sciences, Washington University in St. Louis 2024  
 Colette Camby, Institute of Public Health Summer Intern, Washington University in St. Louis 2019  
 Chinmayi Venketram, Institute of Public Health Summer Intern, Washington University in St. Louis 2019

## **Professional & Community Service**

### **Application & Proposal Review**

#### **National**

2024 Grant Reviewer. Special Panel for Social and Community Influences across the Life Span. Division of AIDS, Behavioral and Population Sciences. National Institutes of Health.  
 2021 Application Reviewer. HIV, Infectious Disease, and Global Health Implementation Research Institute (HIGH IRI). Washington University in St. Louis.  
 2020 Early Career Reviewer Program. Population and Public Health Approaches to HIV/AIDS Study Section. National Institutes of Health.  
 2019-2021 Grant Reviewer. Proposals and applications submitted to the Advancing Science and Practice in the Retail Environment (ASPiRE) Pilot Program.  
 2019 Ad Hoc Grant Reviewer. National Science Foundation.

#### **University**

2024 Application Reviewer. Clinical Research Training Center KL2 Career Development Program. Washington University School of Medicine.  
 2024 Grant Reviewer. Institute for Clinical and Translational Science (ICTS) NIH Mock Review. Washington University in St. Louis.  
 2022 Grant Reviewer. Washington University Implementation Science Center for Cancer Control (WUISCCC) Pilot Program. Washington University in St. Louis.  
 2019 Grant Reviewer. Proposals and applications submitted to the K12 Mentored Training in Implementation Science (MTIS) Career Development Program.  
 2018, 2022, 2023 Grant Reviewer. Grant proposals submitted to the Center for Dissemination and Implementation Pilot Grant Program.  
 2016-present Grant Reviewer. Proposals submitted to Washington University Network for Dissemination and Implementation Research (WUNDIR).

#### **School**

2017-2019, 2024 Application Reviewer. Applications to the Brown School of Social Work Public Health PhD program.

### **Dissertation Review and Committees**

(expected 2026) Greg Gross. Dissertation submitted for degree of Doctor of Philosophy through the Brown School, Washington University in St. Louis  
 Title: The Racialization of HIV Service Delivery Systems  
 Role: Dissertation Committee Chair

2024 Anusha Ramani-Chander. Thesis submitted for degree of Doctor of Philosophy through the Department of Medicine, School of Clinical Sciences at Monash Health, Monash University.  
 Title: *Applying Systems Thinking to Identify the Challenges and Facilitators to Scaling up Interventions Targeting Non-Communicable Disease in Low- and Middle-Income Countries and other Vulnerable Settings Globally.*  
 Role: Dissertation Reviewer



## Editorial Review

2024-2025 Guest Editor for Special Collection “Sustainability in health services” in BMC Health Services Research

## Manuscript Review

2024	International Journal for Equity in Health
2023	Families, Systems, and Health – Special Issue
2022, 2025	British Medical Journal: Open
2022	Biomedcentral: Health Services Research
2020-2021, 2023	Implementation Science Communications
2020	AIDS & Behavior
2020	Implementation Science
2020	Journal of the National Cancer Institute
2019, 2022, 2023	PLOS One
2019	Health Research Policy and Systems
2017-2022	Translational Behavioral Medicine: Practice, Policy, and Research
2017	British Medical Journal: Quality & Safety
2016, 2023, 2024	Journal of Acquired Immune Deficiency Syndromes

## Abstract Review

2020	Abstracts submitted to the Annual Conference on Dissemination and Implementation in Health.
2015	Reviewing abstracts submitted to the Student Assembly Section of the Annual American Public Health Association Annual Conference.

## Consultant

2019-present	K12 Mentored Training in Implementation Science (MTIS) Career Development Program.
2018-present	Dissemination and Implementation Science Boot Camp. Hosted by the Center for Dissemination and Implementation
2015	Developing application and web-based platform for data collection to track product use and potential effects for the non-profit organization Uzima Water Filters, 501(c)3.

## Committee Member

2025-2026	Planning Committee Member. Utah Conference on Implementation in Antibiotic Stewardship (USTEWARD).
2023	Planning Co-chair. Antimicrobial stewardship, infection prevention, and implementation science Symposium. Washington University in St. Louis.
2019-2023	Steering Committee Member. Fast Track Cities: St. Louis.
2018-2020	Data and Research Sub-Committee Member. Ending the Epidemic Strategic Planning Committee. Memphis, TN.