

Capacity Building Report

2020

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ICHAD Annual Report

Capacity Building is one of ICHAD's (the International Center for Child Health and Development) four focus areas. To learn more about ICHAD's complete scope of accomplishments in 2020, please view the ICHAD Annual Report available at <http://ichad.wustl.edu/wp-content/uploads/2021/01/2020-ICHAD-Annual-Report.pdf>.

Capacity Building Partners

The Capacity Building Training Programs are supported by the following institutions committed to the advancement of researchers from diverse backgrounds.



SECURING OUR
CHILDREN'S
FUTURE TODAY



Race & Opportunity Lab
BROWN SCHOOL AT WASHINGTON UNIVERSITY



Washington
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National Institute
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Child Health and
Human Development



National Institute
on Minority Health
and Health Disparities



ICHAD Capacity Building Overview

Poverty and other related barriers result in a number of children and adolescents in resource-constrained communities missing out on education, and being more likely to engage in risk-taking behavior. If unaddressed, the mutually reinforcing crises of youth poverty and disease threaten youth developmental outcomes, portending devastating consequences for children and families over the next generation. The International Center for Child Health and Development (ICHAD) at the Brown School at Washington University in St. Louis (WashU) recognizes that structural/contextual factors, including family and community level resources, are often important determinants of youth outcomes.

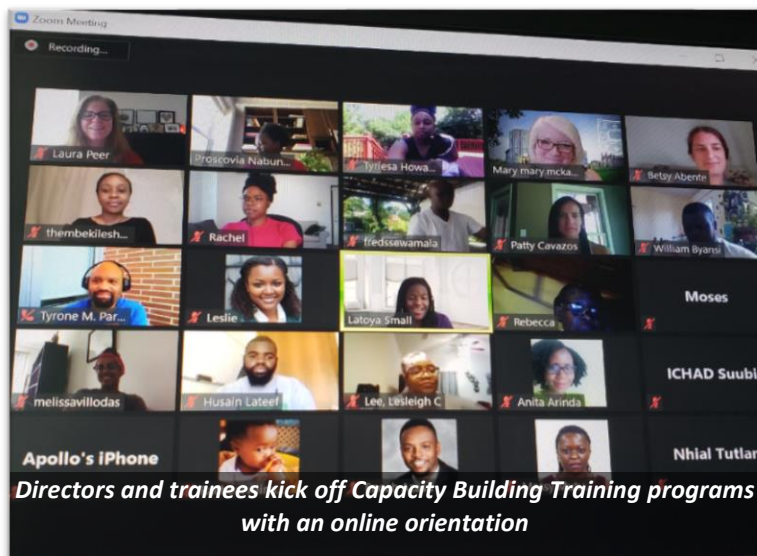
Against this backdrop, ICHAD's mission is to contribute to the reduction of poverty and improvement of public health outcomes for children, adolescents and families in low-resource communities, particularly those in Sub-Saharan Africa (SSA) and other low-resource communities. ICHAD advances its mission through four focus areas:

- Innovative applied intervention research
- Raising public awareness and support for economic empowerment interventions
- Informing public policy and programming
- Capacity building opportunities for a new generation of scholars

A rich experience. I feel more knowledgeable about several topic areas and I'm glad to now have resources I can return to when needed. – 2020 Trainee

ICHAD builds upon a 15+ year solid foundation of basic and applied innovative field research conducted by the ICHAD Research Team across SSA. To the best of our knowledge, ICHAD constitutes one of the first university-based interdisciplinary centers focusing both on child and adolescent health and economic empowerment in SSA.

With capacity building as one of ICHAD's primary focus areas, we develop and implement contextually-relevant evidence-based interventions to support children, families, and communities in addressing the unique challenges they experience. ICHAD also provides opportunities and fellowships to students, team members, and scholars across the globe. By leveraging our global research studies, university affiliations, and institutional partnerships, ICHAD promotes bi-directional learning between the United States and SSA, and beyond. We encourage capacity building through trainings and workshops, our annual Junior Scholar Travel Award program, and most recently through NIH-funded training programs: Researcher Resilience Training Program (RRT), LEAD Global Training Program (LEAD), and CHILD-Global Research Fellowship (CHILD-GRF).



Each training program is funded by an NIH institute, with the fundamental aim to provide early-career scientists from underrepresented backgrounds with the mentorship, skills, and hands-on experiences needed to become principal investigators (PIs) on externally funded intervention studies and to lead multi-disciplinary, collaborative research teams. Each program centers on mentorship and a unique in-person summer training component. Our trainees' research interests span a variety of topics in both the U.S. and global settings including health disparities, mental health, child and adolescent health, economic development, and HIV/AIDS in resource-constrained communities.

Website	https://sites.wustl.edu/rtraining/	https://sites.wustl.edu/lead/	https://sites.wustl.edu/childgrf/
Directors	Mary McKay, Fred Ssewamala, Sean Joe	Fred Ssewamala, Patricia Cavazos	Fred Ssewamala, Mary McKay, Noeline Nakasujja
Research Focus	Child and adolescent mental health in low-resource settings	Global health disparities with a focus on mental health	Child and adolescent HIV and mental health
Region	U.S. and Sub-Saharan Africa	Sub-Saharan Africa	Uganda
Number of Fellows	9 fellows per year	7-9 short term fellows per year; 1-2 postdocs per year	7 fellows (year 1); 12 fellows (year 2); 18 fellows (year 3)
Career Level	PhD, MD, or other doctoral students through early career faculty (must have received advanced degree within 5 years of program start date)		Advanced graduate level student through early career faculty (advanced degree completed within 5 years of program start)
Eligibility Requirements	No citizenship requirement, but must be affiliated with a U.S.-based institution; priority given to those of African decent	U.S. citizen; Under-represented minority	Ugandan national
Duration	1-year appointment (April-March)	10-week appointment (June-August)	3-year appointment (Begins each June)
Timeline	1 week in person; on-going research/mentorship for 1 or 2 years	4 weeks U.S.; 6 weeks SSA research site	6 weeks summer training in U.S. over a three-year period; on-going research/mentorship
Funded by	National Institute of Mental Health: R25MH118935	National Institute on Minority Health and Health Disparities: T37MD014218	Fogarty International Center and National Institute for Child Health and Development: D43TW011541

2020 was our first year implementing all three training programs simultaneously, and the COVID-19 pandemic brought significant challenges and unanticipated opportunities. Due to travel restrictions, we were unable to host our 25 trainees and fellows at WashU and to send LEAD trainees to field sites in SSA as planned. In order to provide a high-quality training experience in a virtual format, our team streamlined the three distinct summer curricula and leveraged our substantial institutional resources by combining all three of our training programs. This resulted in additional networking opportunities, peer feedback, support from a larger cohort of trainees and faculty mentors, and greater variety in training topics and skills gained.

The summer training curriculum featured over 30 webinars, panel discussions, trainings, and networking and professional development opportunities, all on the virtual meeting platform Zoom. We hosted experts on a wide range of topics both from within WashU and from partner institutions across the United States and the globe. In addition, each trainee worked with a mentor from WashU, Makerere University in Kampala, Uganda, or a partner institution. Trainees worked closely with their mentors to develop a research project, analyze data, draft a manuscript, or apply for their own research funding.

This report provides highlights of the RRT, LEAD, and CHILD-GRF training programs for the 2020 training period, including the summer intensive training component, and shares the accomplishments of our 25 trainees and fellows who participated in the program this year. Under difficult pandemic circumstances, our trainees, faculty mentors, presenters, and staff worked together with flexibility, dedication, and resilience to elevate and advance the work of early career researchers from underrepresented backgrounds.

Summer Training Curriculum Overview

The summer training schedule was adapted to combine all three training program cohorts into a unified ten-week virtual program. Trainees attended approximately 30 training webinars offered by faculty and staff from ICHAD/Brown School, WashU School of Medicine, and partner institutions. The program consisted of the following components:

- **Program meetings** - Trainees met regularly with their program cohort and directors to touch base, share their progress, and address any issues or questions that needed attention.
- **Mentor meetings** - Trainees and mentors maintained regular contact and collaboration on a research project, guided by each trainee's Individual Development Plan.
- **Weekly check-in meetings** - Facilitated by a program director, the meetings included a formal career development presentation and time to discuss the topics and themes, and to network within and across each program.
- **Final presentations** - In the final week, trainees gave final presentations to the full group of trainees, directors, and mentors on the work accomplished during the summer and next steps planned to further advance their research.
- **Peer review** - A small group of RRT trainees were eligible for an internal pilot grant award. An important component of this application process included a peer review that mirrors the NIH review process. All trainees participated as observers and peer reviewers, submitting a score for each of the candidates, gaining valuable insight into the NIH application and review process.

The program introduced me to collaborative and implementation research. Friendly faculty members and mentors were more than ready to guide us. – 2020 Trainee

Mentorship

Mentorship is the cornerstone of our training programs. Trainees were matched with a faculty mentor conducting research in their field. Trainees and mentors met via Zoom at least weekly. They worked together to create an Individual Development Plan (IDP) at the beginning of the training appointment. They used the IDP as a dynamic guiding document to define and monitor progress towards their research, training, and professional development goals.

Working with your mentor

1. Work with your mentor to develop a research project, agree on set of goals (publication manuscript/grant proposal).
2. Develop an Individual Development Plan (IDP) and review with your mentor.
3. Set up regular calls with your mentor (monthly at minimum).
4. Attend calls with CHILD-GRF program leadership/mentors/trainees to discuss any questions/issues.
5. Start working on your research question, develop your hypothesis and research outline.

CHIL-Global Research Fellowship | Washington University in St. Louis | ichad | SMART Africa Center | MAKERERE UNIVERSITY

Mentors and trainees work together to develop IDPs

Training and Webinars

Trainees attended approximately 30 training webinars facilitated by faculty and staff from ICHAD/Brown School, WashU School of Medicine, and partner institutions. Moving the training to an online format afforded us the opportunity to invite guest lecturers from partner institutions all over the U.S. and Uganda, resulting in a wider range of topics and perspectives. The online, extended ten-week training format also enabled us to be responsive to feedback from the trainees, incorporating more research methods and data management content, and additional opportunities to discuss current event topics such as the COVID-19 pandemic and issues surrounding racial justice, for example.

Trainees engaged with faculty researchers from WashU, Makerere University in Uganda, and partner institutions:

Sierra Leone: Parental Trauma and Child Outcomes

Mixed Methods Explanatory Sequential Design

LEAD Trainee Tyrone Parchment, PhD
Boston College
Boston, Massachusetts, U.S.

ART ADHERENCE AMONG CLWHIV

- The desire to be healthy
- Knowledge of HIV status
- Family economic status
- Provision of food and transport
- Access to counseling
- Short waiting time
- Peer support groups
- **CHILD-GRF Trainee Agatha Kafuko, PhD Candidate**
- Supportive health care

- Forgetfulness
- Fatigue
- Side effects
- Limited support
- Poverty
- Rural location
- Stigma and disclosure issues

Makerere University
Kampala, Uganda

Why and when propensity score analysis is needed? (1)

Need 1: Remove Selection Bias

The randomized clinical trial is the "gold standard" in outcome evaluation. However, in social and health research, RCTs are not always practical, ethical, or even desirable. Under such conditions, evaluators often use quasi-experimental designs, which—in most instances—are vulnerable to selection bias. Propensity score models help to remove selection bias.

Shenyang Guo, PhD
Washington University in St. Louis
St. Louis, Missouri, U.S.

ECONOMIC EVALUATION IN HEALTH CARE

Resources are scarce, so we aim to achieve... the greatest value for money the biggest "bang for the buck"

To get the greatest value for money in health, either:

- Maximize health benefits for a given money outlay
- Minimize cost for a given level of health benefit

Yesim Tozan, PhD
New York University
New York City, New York, U.S.

IMPACT OF SOCIAL DETERMINANTS OF HEALTH

Social determinants of health have tremendous affect on an individual's health regardless of age, race, or ethnicity.

Patricia Cavazos, PhD
Washington University in St. Louis
St. Louis, Missouri, U.S.

IMPACT OF SOCIAL DETERMINANTS OF HEALTH

Noeline Nakasujja, PhD
Makerere University
Kampala, Uganda

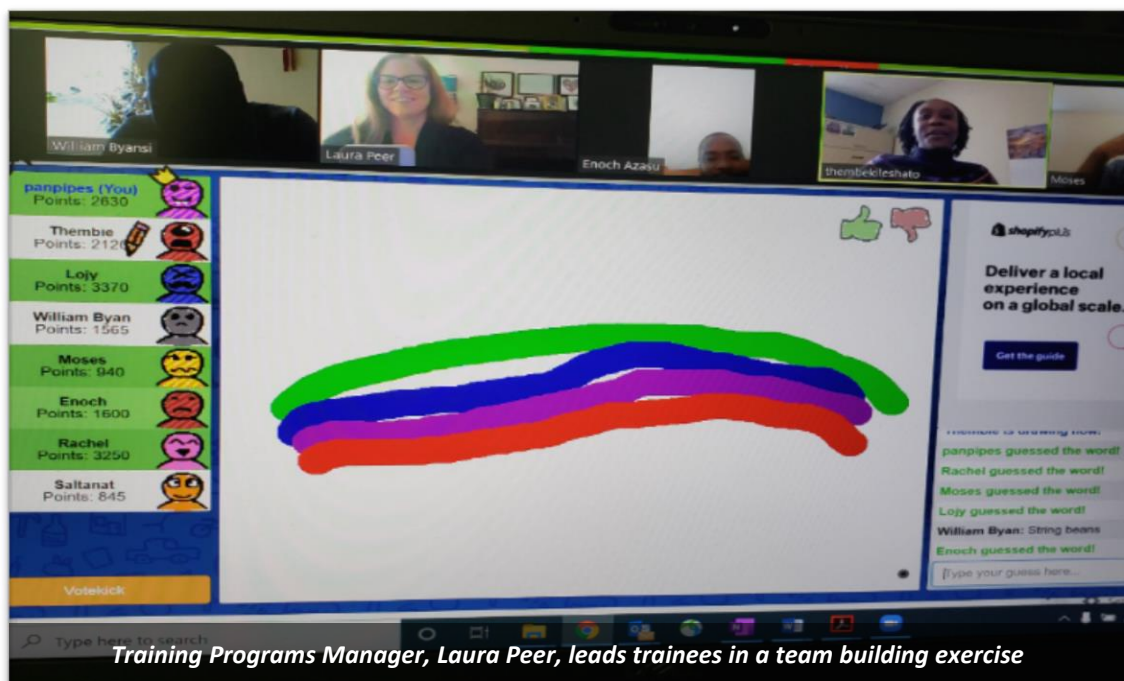
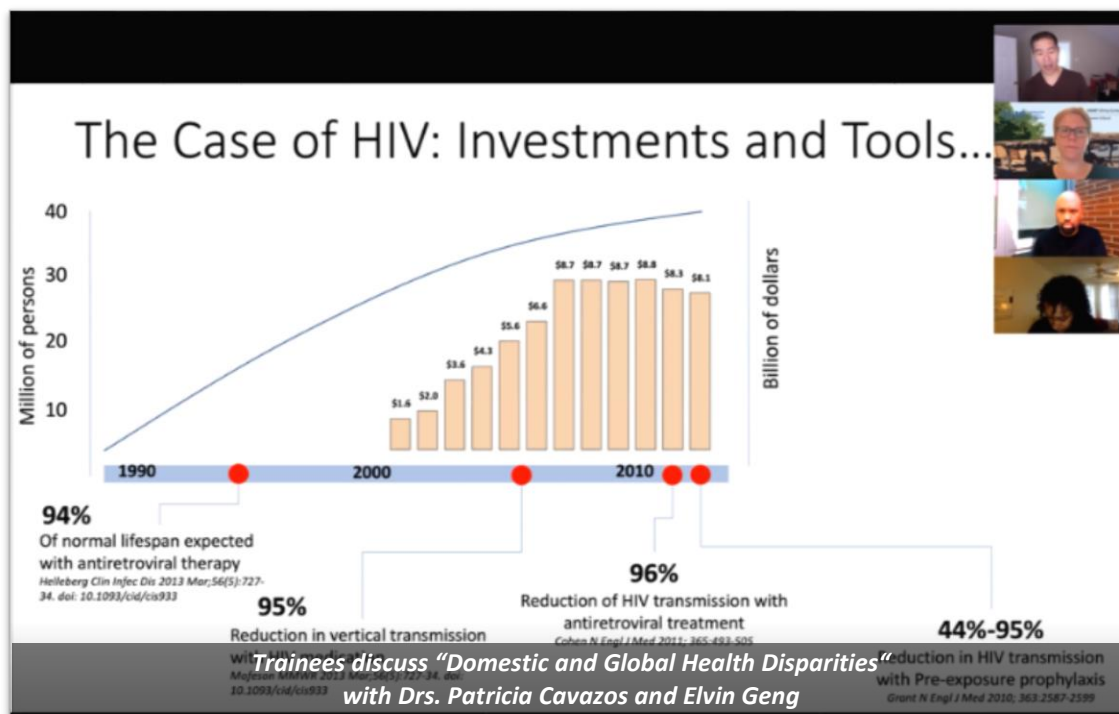
Recordings and presentation slides for all webinars, meetings, and events hosted by ICHAD/SMART Africa were captured and edited, and remain available on a password-protected site to all trainees, fellows, and program alumni. The following is a complete list of required webinars, training sessions, and meetings.

<i>Title</i>	<i>Presenter</i>	<i>Affiliation</i>
Research Methods		
The Importance of Adaptive and Tailored Approaches to Implementation in Addressing Dynamic Challenges	Byron Powell	Brown School, WashU
Agent-Based Modeling	Ross Hammond	Brown School, WashU
Applications of Qualitative Methods in Research	Janet Nakigudde	College of Health Sciences, Makerere University
Community Based System Dynamics	Ellis Ballard	Social System Design Lab, Brown School, WashU
Evaluation Planning	Nancy Mueller	Evaluation Center, Brown School, WashU
Global Research Topics		
Domestic and Global Health Disparities	Patricia Cavazos-Rehg, Elvin Geng	School of Medicine, WashU
Research Challenges, Opportunities in Sub-Saharan Africa during COVID-19	Emmanuel Asampong, Joshua Kiyangi, Anne Mbwanyo, Muthoni Mathai	ICHAD & Open Classroom, WashU
Systemic Racism and Mental Health	Sean Joe, Laura Abrams, David T. Takeuchi, Sarah Gehlert	Open Classroom, WashU
Global Mental Health, Parts I & II	Parul Bakhshi, Clement Bayetti	Brown School, WashU
Data Collection, Management, & Dissemination		
Categorical Data Methods and Logistic Regression	Jacob Borodovsky	School of Medicine, WashU
Utilization & Dissemination of Results	Nicole Dougherty	Evaluation Center, Brown School, WashU
Cost Effectiveness	Yesim Tozan	New York University
Propensity Score Analysis: An Overview & Latest Debates	Shenyang Guo	Brown School, WashU
Administrative Data Management and Analysis	Brett Drake	Brown School, WashU
Career Development		
Manuscript Development	Jay Piccirillo	School of Medicine, WashU
Community Collaboration in Research Webinar Series	Mary McKay	Brown School, WashU
NIMHD Mission and Funding Opportunities	Rick Berzon	NIH/NIMHD
Leaky Pipeline	Patricia Cavazos	School of Medicine, WashU
Research to Eliminate Neglected Tropical Diseases	Gary Weil	School of Medicine, WashU
HIV and Global Mental Health Priorities & Funding Opportunities & Guidance	Susannah Allison, Holly Campbell-Rosen	NIH/NIMH
Research Career Talk	Noeline Nakasujja	College of Health Sciences, Makerere University
How to Give a Presentation	Jay Piccirillo	School of Medicine, WashU
More Than Spoken Words: Race and Racism and the Implications for Scientific Methods and Researcher Resiliency	Sean Joe	Brown School, WashU
The Psychology of Mindset and Resilience	Tim Bono	College of Arts & Sciences, WashU
Responsible Conduct of Research Workshop	Betsy Abente, Laura Peer	Brown School, WashU
A Clinical Research Career	Brian Gage	School of Medicine, WashU
The Potential of Economic Strengthening Interventions in the Care and Support of Children and Adolescents Impacted by HIV/AIDS: Lessons from Fifteen Years of Research in Sub-Saharan Africa	Fred Ssewamala	Brown School, WashU
Career Panel and Closing Session	Ozge Sensoy Bahar, Proscovia Nabunya, James Mugisha and Latoya Small (Moderated by Mary McKay)	Brown School, WashU, Kyambogo University, UCLA

Program Satisfaction and Outcomes

Given the dynamic nature of implementing a training program during a global pandemic and because the training curriculum was adjusted to ten weeks of virtual trainings and webinars, we evaluated training component satisfaction on an ongoing basis throughout the summer in order to be responsive to trainee feedback and to make adjustments as needed. Despite the unpredictable nature of the training period due to the COVID-19 pandemic, trainees were overall very satisfied with their experience and report renewed commitment to pursuing independent research.

Thank you for the investment in supporting scholars of color in conducting global research. I sincerely appreciate all who were involved in making this happen, from the program coordinators to the faculty mentors.
– 2020 Trainee



Program and Trainee Profiles

Researcher Resilience Training (RRT) Program

Program Co-Directors/Mentors

Mary McKay, PhD	Neidorff Family and Centene Corporation Dean of the Brown School, Washington University in St. Louis, Co-Director, SMART Africa
Fred Ssewamala, PhD	William E. Gordon Distinguished Professor, Social Work and Public Health; Professor, School of Medicine; Director of ICHAD and SMART Africa; Washington University in St. Louis
Sean Joe, PhD	Benjamin E. Youngdahl Professor of Social Development, Associate Dean for Faculty and Research, Director, Race and Opportunity Lab, Washington University in St. Louis



Researcher Resilience Training
(RRT)

Funded by the National Institute of Mental Health, the Researcher Resilience Training (RRT) Program (R25MH118935) is designed to provide advanced doctoral students and early career investigators of African descent interested in child and adolescent behavioral health with the necessary research skills to address the significant challenges that exist within resource-constrained settings. These include obstacles related to: 1) Retention of poverty-impacted, highly mobile youth and families; 2) Collaboration with youth, families and providers experiencing high levels of stress and nested within overburdened communities and systems; and 3) Building and maintaining community, provider, and academic partnerships.



Our second cohort of nine RRT fellows is working closely with their mentors on projects based in the United States and in SSA. Fellows have published a total 22 papers during the training period. In addition, two RRT fellows, William Byansi and Thembekile Shato, submitted successful proposals for a \$3,000 pilot grant award provided by the RRT program.

The following profiles provide a detailed description of the 2020 RRT fellows' accomplishments.



Leslie Adams, MPH, PhD

Assistant Professor, John Hopkins Bloomberg School of Public Health, Department of Mental Health

Mentor

Sean Joe, PhD

Biography

Leslie Adams' research examines relationships between discrimination, depressive symptoms, and health services utilization using a mixed methods and community-engaged approach. Particularly, Dr. Adams explores the intersections between masculinity, racial identity, and mental health service disparities among Black men. Her research agenda also focuses on comparative, cross-cultural mental health research among individuals of African descent with an emphasis on those residing in the United States and South Africa.

Publications

Adams, L. B., Farrell, M., Mall, S., Mahlalela, N., & Berkman, L. (2020). Dimensionality and differential item endorsement of depressive symptoms among aging Black populations in South Africa: Findings from the HAALSI Study. *Journal of Affective Disorders*, 277, 850-856.

Adams, L. B., Richmond, J., Watson, S. N., Cené, C. W., Urrutia, R., Ataga, O., Dunlap, P., & Corbie-Smith, G. (2020). Community health worker training curricula and intervention outcomes in African American and Latinx communities: A systematic review. *Health Education & Behavior*, 1090198120959326.

Progovac, A. M., Cortés, D. E., Chambers, V., Adams, L. B., Jean-Claude, S., Willison, C. E., Flores, M., Creedon, T. B., & Cook, B. L. (2020). Addressing major health disparities related to Coronavirus for people with behavioral health conditions requires strength-based capacity building and intentional community partnership. *World Medical & Health Policy*, Advance online publication. <https://doi.org/10.1002/wmh3.364>.

Progovac, A. M., Cortés, D. E., Chambers, V., Delman, J., Delman, D., McCormick, D., Lee, E., De Castro, S., Sánchez Román, M. J., Kaushal, N. A., Creedon, T. B., Sonik, R. A., Quinerly, C. R., Rodgers, C., Adams, L. B., Nakash, O., Moradi, A., Abolaban, H., Flomenhoft, T., Nabisere, R., ... Cook, B. L. (2020). Understanding the role of past health care discrimination in help-seeking and shared decision-making for depression treatment preferences. *Qualitative Health Research*, 30(12), 1833-1850. <https://doi.org/10.1177/1049732320937663>.

Grants

Principal investigator, *Real-time assessments of suicidality among Black men: A mixed methods approach*, Grant YIG-0-001-19. Funded by Foundation for Suicide Prevention, \$90,000.



Enoch Azasu, MSW, MBA

PhD Student, Brown School at Washington University in St. Louis

Mentor

Sean Joe, PhD

Biography

Enoch Kordjo Azasu earned an MBA in Total Quality Management from the University of Professional Studies in Ghana and graduated in 2016. In 2017, Enoch was awarded as the McDonnell Academy Scholar for Ghana with the Brown School at Washington University in St. Louis. He completed the MSW program in 2019 with a Mental Health concentration and Research specialization. Enoch's area of interest is in mental health, specifically suicide prevention.

Accomplishments

Enoch currently works with the Race and Opportunity Lab as a Graduate Research Assistant on the HomeGrown STL project as well as the Missouri Suicide Prevention Network. He is the founder of STAY Ghana, a nonprofit organization that focuses on suicide prevention among Ghanaian youth.



Donte Bernard, MA, PhD

Postdoctoral Fellow, Institute of Psychiatry, Medical University of South Carolina

Mentor

Sean Joe, PhD

Biography

Donte Bernard is a second year Postdoctoral Fellow at the Medical University of South Carolina's National Crime Victims Research and Treatment Center. His research broadly seeks to examine how culturally relevant risk and protective factors moderate the association between racism-related

stress and Black youths' academic, social, and mental health outcomes. A primary goal of his research has been to identify and explicate how racism-related stress may influence the development and/or maintenance of impostor phenomenon, or cognitions of intellectual incompetence, and the unique cultural factors that may shape this interplay. As a postdoctoral fellow, Dr. Bernard has extended his research program to investigate how childhood and early adolescent experiences of racism can be conceptualized through a traumatic stress perspective.

Publications

Bernard, D. L., Calhoun, C. D., Banks, D. E., Halliday, C. A., Hughes-Halbert, C., & Danielson, C. K. (2020). Making the “C-ACE” for a culturally-informed adverse childhood experiences framework to understand the pervasive mental health impact of racism on Black youth. *Journal of Child & Adolescent Trauma*, 1-15.

Sosoo, E. E., Bernard, D. L., & Neblett, E. W. (2020). The influence of internalized racism on the relationship between discrimination and anxiety. *Cultural Diversity & Ethnic Minority Psychology*, 26(4), 570–580. <https://doi.org/10.1037/cdp0000320>.

Presentations

Bernard, D. L. (2020). *Psychological and physiological impacts of racism* [online discussion panel]. Day of Collective Engagement, Boston University. <http://www.bu.edu/articles/2020/day-of-collective-engagement-live-updates/>

Bernard, D. L. (2020). *Still, we rise: Navigating racial and religious identity in the academy* [online discussion panel]. National Center for Institutional Diversity, University of Michigan.

Bernard, D. L., Halliday, C. A., & Danielson, C., K. (2020). Rumination as a mediator of the association among racial discrimination and mental health among Black adolescents. In D. Bernard (Chair), *Identifying barriers and mechanisms for the treatment of racial trauma among Black communities: Implications for bridging science and practice*. International Society for Traumatic Stress Studies Annual Meeting.

Other Accomplishments

Dr. Bernard was awarded a Child Intervention, Prevention, and Services (CHIP) Research Training fellowship through NIMH and attended the virtual training in September, 2020. He also submitted an application to receive a Mentored Patient-Oriented Research Career Development Award (K23) from the National Institute of Mental Health Disparities. Additionally, he will be applying for the Clinical and Translational Science Awards (CTSA) Program Diversity Supplement offered through the National Center for Advancing Translational Sciences.



Rachel Braithwaite, MSc, PhD

Postdoctoral Research Associate, International Center for Child Health and Development, Brown School at Washington University in St. Louis

Mentor

Fred Ssewamala, PhD

Biography

Rachel Braithwaite has a PhD in Epidemiology and Population Health from the London School of Hygiene and Tropical Medicine, and an MSc in Applied Epidemiology from the University of Nottingham, United Kingdom. Her PhD involved investigating the risk and protective factors for smoking among migrant and ethnic minority groups living in European locations. Prior to joining ICHAD, she was a postdoctoral research associate at King's College London, U.K. where she worked on analyzing two adolescent cohorts from Nigeria and Nepal to externally validate a risk score designed to predict the individualized risk of depression in the late adolescent period for the 'Identifying Depression Early in Adolescence Project.' Dr. Braithwaite's research interests include mental health; adolescent health; prediction modeling; epidemiology; non-communicable diseases; longitudinal studies; advanced statistical techniques; risk-taking behavior; smoking; drug addiction; harm reduction; and preventive research.

Publications

Ssewamala, F. M., Sensoy Bahar, O., Nabunya, P., Thames, A. D., Neilands, T. B., Damulira, C., Mukasa, B., Brathwaite, R., Mellins, C., Santelli, J., Brown, D., Guo, S., Namatovu, P., Kiyangi, J., Namuwonge, F., & McKay, M. M. (2021). Suubi+Adherence-Round 2: A study protocol to examine the longitudinal HIV treatment adherence among youth living with HIV transitioning into young adulthood in Southern Uganda. *BMC Public Health* 21, 179 (2021). <https://doi.org/10.1186/s12889-021-10202-3>.

Nabunya, P., Byansi, W., Muwanga, J., Damulira, C., Brathwaite, R., Namuwonge, F., Sensoy Bahar, O., & Ssewamala, F. M. (2020). Gender, HIV knowledge and prevention attitudes among adolescents living with HIV participating in an economic empowerment intervention in Uganda. *AIDS Care*, 1-9. Advance online publication. <https://doi.org/10.1080/09540121.2020.1844860>.

Nabunya, P., Damulira, C., Byansi, W., Muwanga, J., Bahar, O. S., Namuwonge, F., Ighofose, E., Brathwaite, R., Tumwesige, W., & Ssewamala, F. M. (2020). Prevalence and correlates of depressive symptoms among high school adolescent girls in southern Uganda. *BMC Public Health*, 20(1), 1792. <https://doi.org/10.1186/s12889-020-09937-2>.

Shato, T. Nabunya, P., Byansi, W., Nwaozuru, U., Okumu, M., Mutumba, M., Brathwaite, R., Damulira, C., Namuwonge, F., Sensoy Bahar, O., Neilands, T. B., & Ssewamala, F. M. (Under revision). Family economic empowerment, social support and sexual risk behaviors among adolescents living with HIV in Uganda: The Suubi+Adherence Study. *Social Science and Medicine*.

Cavazos, P., Ssewamala, F. M., Byansi, W., Sensoy Bahar, O., Nabunya, P., Brathwaite, R., Mellins, C.A., Neilands, T. B., Xu, C., Anako, N., & Casson, E. (Under revision). Evaluating potential mediators for the impact of a family-based economic intervention (Suubi+Adherence) on the mental health of HIV-infected children in Uganda. *Social Science and Medicine*.

Brathwaite, R., Byansi, W., Calvert, M., Proscovia Nabunya, P., Sensoy Bahar, O., Damulira, C., Flavia Namuwonge, F., McKay, M. M., Mellins, C.A., & Ssewamala, F. M. (Under review). Relationship between mental health and HIV transmission knowledge and prevention attitudes among adolescents living with HIV: Lessons from Suubi+Adherence cluster randomized study in Southern Uganda. *AIDS and Behavior*.

Brathwaite, R., Ssewamala, F. M., Neilands, T. B., Nabunya, P., Byansi, W., & Damulira, C. (Under review). Development and external validation of a risk calculator to predict poor mental health outcomes among youths affected by HIV in Uganda. *Psychiatry Research*.

Byansi, W., Nabunya, P., Muwanga, J., Damulira, C., Zmachinski, L., Nattabi, J., Brathwaite, R., Namuwonge, F., Sensoy Bahar, O., Neilands, T. B., Mellins, C.A., & Ssewamala, F. M. (Under review). The relationship between life satisfaction, personal health, quality of life and medication adherence among adolescents living with HIV in Southwestern Uganda. *Journal of Public Health*.

Muwanga, J., Damulira, C., Byansi, W., Sensoy Bahar, O., Namuwonge, F., Brathwaite, R., & Ssewamala, F. M. (Under review). Family factors and gender norms associated with sexual risk taking intentions among adolescent girls in Southwestern Uganda. *Global Public Health*.

Ssewamala, F. M., Wang, J. S-H., Brathwaite, R., Sun, S., Jennings Mayo-Wilson, L., Neilands, T. B., & Brooks-Gunn, J. (Under review). Impact of a family economic intervention (Bridges) on health functioning of adolescents orphaned by HIV/AIDS: A 5-year (2012-2017) cluster randomized controlled trial in Uganda. *American Journal of Public Health*.

Brathwaite, R. (In preparation). *The impact of an evidence-based Multiple Family Group intervention on mental health functioning and disruptive behavioral disorders among children aged 8-13 years in Uganda: The SMART Africa study, a cluster-randomized controlled trial*. Brown School, Washington University in St. Louis.

Brathwaite, R., Ssewamala, F. M., Neilands, T. B., Okumu, M., Sensoy Bahar, O., Damulira, C., Nabunya, P., Mellins, C. A., & McKay, M. M. (In preparation). *Predicting the individualized risk of poor adherence to ART medication among adolescents living with HIV in Uganda*. Brown School, Washington University in St. Louis.

Grants

Co-investigator, (submitted), *A Comparative Study of Child Development Programs in Uganda and Israel*. (MPIs: Ssewamala, F. M., Opobo, T., Grinstein-Weiss, M., Kondratjeva, O.)

Other Accomplishments

Dr. Rachel Brathwaite is coordinating the Suubi+Adherence-R2 study for the International Center for Child Health and Development (ICHAD). She is also an MPI with Dr. Proscovia Nabunya on the D43 supplement grant, "Assessing the Implementation of the Makerere University's Policy and Regulations against Sexual Misconduct and Harassment (APRASH)."



William Byansi, MSW

PhD Candidate, Brown School at Washington University in St. Louis

Mentor

Fred Ssewamala, PhD

Biography

William Byansi's research interest is in child and adolescent behavioral health services and community development in Sub-Saharan Africa. He also works as a Senior Research Associate for the International Center for Child Health and Development (ICHAD), supporting NIH-funded Suubi4Her and Suubi+Adherence studies. In December, Mr. Byansi successfully defended his dissertation, "Utilization of community based mental health services among school-going adolescent girls in southwestern Uganda."

Publications

Cavazos-Rehg, P., Byansi, W., Xu, C., Nabunya, P., Sensoy Bahar, O., Borodovsky, J., Kasson, E., Anako, N., Mellins, C., Damulira, C., Neilands, T., & Ssewamala, F. M. (2020). The Impact of a family-based economic intervention on the mental health of HIV-infected adolescents in Uganda: Results from Suubi+Adherence. *The Journal of Adolescent Health: Official publication of the Society for Adolescent Medicine*, S1054-139X(20)30420-1. Advance online publication. <https://doi.org/10.1016/j.jadohealth.2020.07.022>.

Galvin, M., & Byansi, W. (2020). A systematic review of task shifting for mental health in Sub-Saharan Africa. *International Journal of Mental Health*, 49(4), 336-360.

Nabunya, P., Byansi, W., Muwanga, J., Damulira, C., Brathwaite, R., Namuwonge, F., Sensoy Bahar, O., & Ssewamala, F. M. (2020). Gender, HIV knowledge and prevention attitudes among adolescents living with HIV participating in an economic empowerment intervention in Uganda. *AIDS Care*, 1-9. Advance online publication. <https://doi.org/10.1080/09540121.2020.1844860>.

Nabunya, P., Byansi, W., Sensoy Bahar, O., McKay, M., Ssewamala, F. M., & Damulira, C. (2020). Factors associated with HIV Disclosure and HIV-related stigma among adolescents living with HIV in Southwestern Uganda. *Frontiers in Psychiatry*, 11, 772.

Nyoni, T., Sallah, Y. H., Okumu, M., Byansi, W., Lipsey, K., & Small, E. (2020). The effectiveness of treatment supporter interventions in antiretroviral treatment adherence in sub-Saharan Africa: A systematic review and meta-Analysis. *AIDS Care*, 32(Sup 2), 214-227.

Rahman, A., Naslund, J. A., Betancourt, T. S., Black, C. J., Bhan, A., Byansi, W., Chen, H., Gaynes, B. N., Restrepo, C. G., Gouveia, L., Hamdani, S. U., Marsch, L. A., Petersen, I., Sensoy Bahar, O., Shields-Zeeman, L., Ssewamala, F. M., & Wainberg, M. L. (2020). The NIMH global mental health research community and COVID-19. *The Lancet Psychiatry*, 7(10), 834-836. [https://doi.org/10.1016/S2215-0366\(20\)30347-3](https://doi.org/10.1016/S2215-0366(20)30347-3).

Sensoy Bahar, O., Byansi, W., Kivumbi, A., Namatovu, P., Kiyangi, J., Ssewamala, F. M., McKay, M. M., & Nyoni, T. (2020). From "4Rs and 2Ss" to "Amaka Amasanyufu" (Happy Families): Adapting a U.S.-based evidence-based intervention to the Uganda context. *Family Process*, 59(4), 1928–1945. <https://doi.org/10.1111/famp.12525>.

Presentations

Byansi, W., Nabunya, P., Muwanga, J., Sensoy Bahar, O., Ssewamala, F. M., Damulira, C., & Namuwonge, F. (2020, January). *HIV and AIDS health knowledge, and attitudes among adolescents living with HIV in southwestern Uganda: Does gender matter?* Poster presented at the 24th Annual Conference of the Society for Social Work and Research (SSWR), Washington, DC.

Byansi, W., Yuanyuan, Y., Nabunya, P., & Ssewamala, F. M., Damulira, C., Kiyangi, J., & Namuwonge, F. (2020, January). *Examining the long-term effects of a family-based economic strengthening intervention on depression among HIV positive adolescents in southern Uganda.* Paper presented at the 24th Annual Conference of the Society for Social Work and Research (SSWR), Washington, DC.

Nabunya, P., Byansi, W., Sensoy Bahar, O., Mary M. M., Ssewamala, F. M., Damulira, C., Kiyangi, J., & Namuwonge, F. (2020, January). *Gender, family communication and social support factors associated with HIV disclosure and HIV-related stigma among adolescents living with HIV in Uganda.* Paper presented at the 24th Annual Conference of the Society for Social Work and Research (SSWR), Washington, DC.

Grants

Mr. Byansi was awarded one of two RRT Program pilot grant awards of \$3000 for his project proposal, *The Impact of COVID-19 and Related Response Measures on the Mental Health Functioning of School-Going Adolescents in Uganda.*



Husain Lateef, PhD

Assistant Professor, Brown School, Washington University in St. Louis

Mentor

Sean Joe, PhD

Biography

Husain Lateef's research focuses on the role African-centered approaches may have in improving outcomes of youth prevention programs for African American youth. While a doctoral student, he began authoring theory-driven publications to advance knowledge in social work about culturally responsive practice with African American youth. He is currently examining the relationship between African-centered constructs and indicators of positive youth development among African American youth.

Publications

Lateef, H. (2020). An African-centered self-regard scale for Black youth: Development and initial validation. *Journal of Human Behavior in the Social Environment*. Advance online publication. <https://doi.org/10.1080/10911359.2020.1806173>.

Presentations

Lateef, H. (2020, November). *Ukuba Ngumuntu: Black youths' association of African centered self-regard with ethnic identity.* Poster presented at the Council of Social Work Education 66th Annual Program Meeting, online.



Moses Okumu, PhD

Postdoctoral Fellow, School of Social Work, University of North Carolina - Chapel Hill

Mentor

Fred Ssewamala, PhD

Biography

Moses Okumu's program of research aims to develop, implement, and rigorously evaluate interventions that advance the sexual and mental health of youth facing multiple forms of adversity, including poverty, forced displacement, and HIV. He is particularly interested in exploring future applications of digital interventions for improving the social determinants of sexual and mental health outcomes of

vulnerable youth in Black communities. His current research focuses on developing and evaluating digital health interventions that further HIV prevention cascades and prevent sexual and gender-based violence among forcibly displaced youth in Uganda. This research is driving current efforts to adapt and validate new measurement tools and digital delivery strategies for communities in Sub-Saharan Africa and to translate research findings into evidence-based programs, interventions and policies at local, national, and global levels.

Publications

Brathwaite, R., Ssewamala, F. M., Neilands, T. B., Okumu, M., Sensoy Bahar, O., Damulira, C., Nabunya, P., Mellins, C. A., & McKay, M. M. (In preparation). *Predicting the individualized risk of poor adherence to ART medication among adolescents living with HIV in Uganda*. Brown School, Washington University in St. Louis.

Logie, C., Okumu, M., Abela, H., Wilson, D., & Narasimhan, M. (2020). Sexual and reproductive health mobile apps: Results from a cross-sectional values and preferences survey to inform World Health Organization normative guidance on self-care interventions. *Global Health Action*, 13(1), 1796346. <https://doi.org/10.1080/16549716.2020.1796346>.

Logie, C. H., Okumu, M., Mwima, S., Hakiza, R., Abela, H., & Kyambadde, P. (2020). Gender, transactional sex, and HIV prevention cascade engagement among urban refugee and displaced adolescents and youth in Kampala, Uganda. *AIDS Care*, 1-7. Advance online publication. <https://doi.org/10.1080/09540121.2020.1861181>.

Nyoni, T., & Okumu, M. (2020). COVID-19-compliant strategies for supporting treatment adherence among people living with HIV in Sub-Saharan Africa. *AIDS and Behavior*, 24(9), 2473-2476. <https://doi.org/10.1007/s10461-020-02888-0>.

Nyoni, T., Sallah, Y. H., Okumu, M., Byansi, W., Lipsey, K., & Small, E. (2020). The effectiveness of treatment supporter interventions in antiretroviral treatment adherence in Sub-Saharan Africa: A systematic review and meta-analysis. *AIDS Care*, 32(Sup 2), 214-227.

Shato, T. Nabunya, P., Byansi, W., Nwaozuru, U., Okumu, M., Mutumba, M., Brathwaite, R., Damulira, C., Namuwonge, F., Sensoy Bahar, O., Neilands, T. B., & Ssewamala, F. M. (Under revision). Family economic empowerment, social support and sexual risk behaviors among adolescents living with HIV in Uganda: The Suubi+Adherence Study. *Social Science and Medicine*.



Thembekile Shato, MPH, PhD

Postdoctoral Research Associate, Implementation Science Center for Cancer Control, Brown School, Washington University

Mentor

Fred Ssewamala, PhD

Biography

Thembekile Shato's interests include sexual and reproductive health with a specific focus on health-seeking behavior, access to preventive healthcare as well as intervention development and implementation. She is also interested in understanding the influence of mobile health strategies and social networks in improving adolescent and women's health outcomes.

Publications

Shato, T. Nabunya, P., Byansi, W., Nwaozuru, U., Okumu, M., Mutumba, M., Brathwaite, R., Damulira, C., Namuwonge, F., Sensoy Bahar, O., Neilands, T. B., & Ssewamala, F. M. (Under revision). Family economic empowerment, social support and sexual risk behaviors among adolescents living with HIV in Uganda: The Suubi+Adherence Study. *Social Science and Medicine*.

Mutumba M., Shato T., Nabunya, P., Namuwonge, B. A., Sensoy Bahar, O., & Ssewamala, F. M. (Under review.) Ecological correlates of school satisfaction and its association with sexual risk-taking attitudes among adolescents girls in Southern and Western Uganda. *Journal of Adolescence*.

Ssewamala, F. M., Dvalishvili, D., Christopher, D., Ahmed, R., Shato, T., Muwanga, J., Namuwonge, F., Embaye, F., Sensoy Bahar, O., Nabunya, P., Byansi, W., Brathwaite, R., Neilands, T. B., Mellins, C.A., & McKay, M.M. (In preparation). *School absenteeism during menstruation among adolescent girls in Southern Uganda: A multi-level risk factors analysis*. Brown School, Washington University in St. Louis.

Grants

Dr. Shato was awarded one of two RRT Program pilot grant awards of \$3,000 for her project proposal, *Rethinking Promotion of Youth-Friendly Services Using Youth Participatory Research Approaches*.

Other Accomplishments

In June 2020, Dr. Shato successfully defended her dissertation for her PhD in Public Health with a concentration in Behavioral Science and Health Education at St. Louis University College of Public Health and Social Justice. Her dissertation was entitled, "Examining the Utilization of and Preferences for Cervical Cancer Screening in Urban Zimbabwe: Multi-Stakeholder Perspectives." Dr. Shato attended a workshop titled Dissemination and Implementation Research: An Introductory Workshop for Investigators in Clinical Research Training Center through the Washington University of St. Louis School of Medicine.



Latoya Small, MSW, PhD

Assistant Professor, Luskin School of Public Affairs, University of California, Los Angeles

Mentor

Mary McKay, PhD

Biography

Latoya Small's research focuses on health disparities, specifically, the intersection of mental health, treatment adherence, and HIV among women and children in the U.S. and Sub-Saharan Africa. Her global research addresses the urgent need for theory-driven, empirically-informed, and sustainable psychosocial HIV treatment approaches for perinatally HIV-infected youth in South Africa. In the U.S., Dr. Small examines how poverty-related stress, parenting, and mental health interact and relatedly impact adherence in HIV medical services among Black and Latina mothers in urban communities.

Publications

Parchment, T. M., Small, L., & Bhana, A. (In press). Parent-child communication in disorganized neighborhoods: The call for engaging South African caregivers in family-based HIV prevention interventions. In Ssewamala, F. M., McKay, M., & Sensoy Bahar, O. (Eds.). *Child behavioral health in sub-Saharan Africa*. New York, NY: Springer Publishing.

Small, L. A., Huynh, A. K., & Parchment, T. M. (Under review). The association between self-esteem, stigma and mental health among South African youth perinatally infected with HIV: The need for integrated HIV care service. *AIDS Care*.

Small, L. A., Malcome, M. L., & Walton, Q. L. (Under review). Reflections and best practices: Managing the impact of COVID-19 in the social work classroom. *Journal of Social Work Education*.

Small, L. A., & Mellins, C. A. (Under review). Mental health and treatment engagement among low-income women of color living with HIV. *Journal of Social Work in Public Health*.

LEAD Global Training Program



Program Co-Directors

Patricia Cavazos, PhD

Professor of Psychiatry, School of Medicine, Washington University in St. Louis

Fred Ssewamala, PhD

William E. Gordon Distinguished Professor, Social Work and Public Health; Professor, School of Medicine; Director of ICHAD and SMART Africa; Washington University in St. Louis

Mentors

Theresa Betancourt, PhD

Professor, Social Work, Global Practice, Boston College

Patricia Cavazos, PhD

Professor of Psychiatry, School of Medicine, Washington University in St. Louis

Thomas Crea, PhD

Associate Professor, Assistant Dean, Global Programs, Boston College

Mary McKay, PhD

Neidorff Family and Centene Corporation Dean of the Brown School, Washington University in St. Louis

Janet Nakigudde, PhD

Behavioral Scientist and Lecturer, Psychiatry, College of Health Sciences, Makerere University

Proscovia Nabunya, PhD

Co-Investigator – LEAD and CHILD-GRF, Research Assistant Professor, Social Work, Washington University in St. Louis

Von Nebbitt, PhD

Associate Professor, Social Work, Washington University in St. Louis

Ozge Sensoy Bahar, PhD

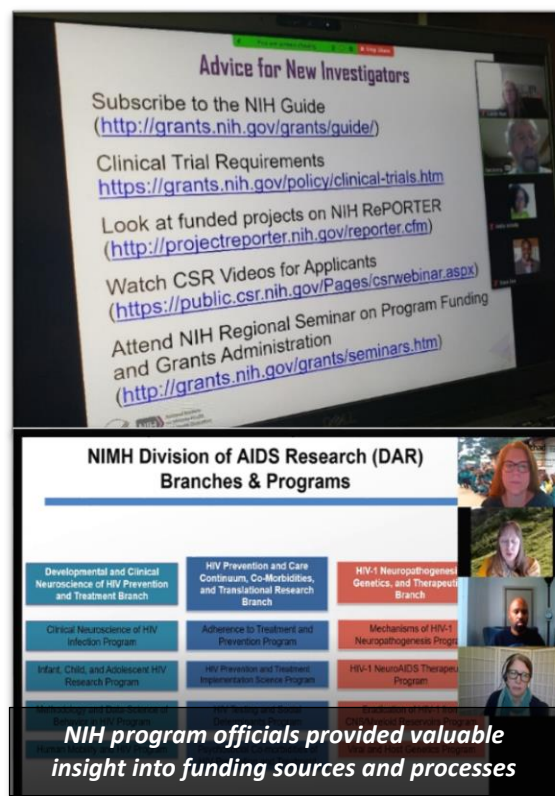
Co-Investigator – LEAD and CHILD-GRF, Research Assistant Professor, Social Work, Washington University in St. Louis

Fred Ssewamala, PhD

William E. Gordon Distinguished Professor, Social Work and Public Health, Washington University in St. Louis

LEAD is supported by the Institute of Minority Health and Health Disparities (T37MD014218) and is designed for predoctoral students and postdoctoral trainees from underrepresented groups in the United States committed to conducting health disparities research with a specific focus on global mental health prevention, intervention, services, and implementation research within resource-constrained settings. This program equips trainees with foundational global research skills and knowledge through experiential learning, mentoring, hands-on immersion in domestic and international mental health studies, individualized consultation, goal setting and monitoring, and web-based support across time. LEAD features a short-term summer intensive option as well as up to two twelve-month postdoctoral fellowships with the potential for a second twelve-month appointment.

The first cohort of LEAD trainees was comprised of nine highly qualified predoctoral and postdoctoral early career researchers from underrepresented minority groups with an interest in global mental health disparities in resource-constrained settings. From institutions across the United States, they worked with their mentors on research projects focused on communities in the United States, Sub-Saharan Africa, and Central Asia. During the training period, trainees developed or published 16 papers and gave three presentations. The training period has concluded, but our trainees continue to collaborate on projects initiated with their mentors.



The following profiles provide a detailed description of each LEAD trainee's accomplishments.



Saltanat Childress, MSW, PhD

Assistant Professor, Social Work, University of Texas-Arlington

Mentor

Mary McKay, PhD

Biography

Saltanat Childress is an Assistant Professor at the University of Texas-Arlington. Her research is focused on family well-being, economic empowerment, and improving the responses of criminal justice, public health, and social service systems. She is dedicated to improving long-term health and social outcomes through developing, adapting, and evaluating interventions focusing on healthy family functioning and prevention of family violence.

Publications

Childress, S., Highfill, C., Troutman, B., Black, B., & McKay, M. (Under review). Domestic violence against women in Central Asia: A systematic literature review. *Trauma, Violence and Abuse*.

Grants

Dr. Childress is developing a Research Career Development (K) Award grant with her mentor, Dean Mary McKay.

Other Accomplishments

Dr. Saltanat Childress attended the National Institute of Health (NIH) Virtual Seminar on Program Funding and Grants Administration. She also joined the Learning Collaborative at the Center for Innovation in Child Maltreatment Policy, Research, and Training.



Tyriesa Howell, LMSW, PhD

Assistant Professor, Brown School, Washington University in St. Louis

Mentors

Fred Ssewamala, PhD

Mary McKay, PhD

Biography

Tyriesa Howell's research focuses on examining and understanding social and cultural determinants of sexual and reproductive health among adolescents and women. This includes socio-behavioral interventions using mixed-methods to examine the use of interactive video game and life simulation technology to encourage HIV treatment adherence and routinized HIV testing among adolescents living with and affected by HIV. Dr. Howell is particularly interested in the development of mHealth technology as an innovative approach to promoting sexuality health education for youth. Her emerging research also seeks to address maternal health disparities, specifically the disproportionality of maternal-related morbidity and mortality experienced by Black women living in the U.S.

Publications

Howell, T. H. (2020). Exploring the meaning of sexual health through the voices of Black adolescents with HIV-Positive mothers: An interpretative phenomenological analysis. *Urban Social Work*, 4(1), 94-119.

Howell, T. H., Byansi, W., Nabunya, P., Kaiser, N., Kasson, E., & Cavazos, P. (In preparation). *Mobile phone habits amongst Adolescents in SW Uganda* (working title). Brown School, Washington University in St. Louis.

Presentations

Howell, T. H. (2020, November). *My sister's keeper: A dialogue on maternal health disparities and implications for public health social work*. 2020-2021 Public Health Speaker Series. Brown School, Washington University in St. Louis.

Howell, T. H. (2020, November). *Panel discussion, shifting sexual and reproductive health narratives of Black adolescents and young adults*. CSWE 66th Annual Program Meeting.

Other Accomplishments

Dr. Howell will be participating in the Building Up Study, an intervention designed to understand factors that contribute to career success for people who are underrepresented in the biomedical workforce. In addition, she served as co-chair of the African Americans and the African Diaspora track for the CSWE 66th Annual Program Meetings in November.



Lojine Kamel, MD

Psychiatry Resident, School of Medicine at Washington University in St. Louis

Mentors

Patricia Cavazos, PhD

Fred Ssewamala, PhD

Biography

Lojine Kamel is a psychiatry resident at Washington University of St. Louis. After growing up in Chicago, she spent nearly a decade of her adult life in Beirut, Lebanon, where she completed her undergraduate education and medical school. There, she discovered a passion for mental health and women's health, leading to her ongoing research in interventional and reproductive psychiatry.

Publications

Fentem, A., Doroshenko, C., Riordan, R., Kamel, L., Kasson, E., & Cavazos-Rehg, P. (In press). Exploring attitudes and misconceptions surrounding medication for addiction treatment among individuals with Opioid Use Disorder. *Journal of Substance Abuse Treatment*.

Accomplishments

Dr. Lojine Kamel completed a course titled "Program Sustainability: Assessment Tools & Planning Strategies" offered at the Brown School, Washington University in St. Louis.



Lesleigh Lee, MSW, MPH

PhD Student, Health Promotion Community Health Sciences, Texas Agricultural and Mechanical University

Mentor

Thomas Crea, PhD

Biography

Lesleigh Lee is a doctoral student at Texas Agricultural and Mechanical University in the department of Health Promotion and Community Health Sciences. Ms. Lee's research focuses on community based participatory research in underserved communities. Her research interest includes adolescent mental health and adolescence resiliency. She received both her bachelor's in biology and Master of Public Health in Environmental Epidemiology from Florida Agricultural and Mechanical University. Ms. Lee received her Master in Social Work from the University of South Carolina.

Poster Presentation

Nouzovsky, A., Bell, A.-S., Lee, L., McCord, C., Teller, T., Kenny, J., & Pentecost, R. (2020, November). *Improving animal and human health through telehealth: An interdisciplinary one health outreach*. IPER 6 SYMPOSIUM, Texas A&M University.

Accomplishments

Ms. Lee is a Texas A&M Health Opioid Task Force 2020-2021 Ambassador.



Massy Mutumba, MPH, PhD

Assistant Professor, Health and Biological Sciences, University of Michigan

Mentor

Fred Ssewamala, PhD

Biography

Massy Mutumba is an assistant professor in the Department of Health Behavior and Biological Sciences at the University of Michigan School of Nursing. Her research focuses on HIV among adolescents and young adults, with the goal of developing interventions to improve self-management of HIV, measurement and promotion of mental wellbeing (including prevention of substance use), and improving access to mental health services in resource-limited settings.

Publications

Mutumba, M. (In preparation). *Gender differences in school satisfaction and association with subject wellbeing among adolescents*. Department of Health Behavior and Biological Sciences, School of Nursing, University of Michigan School of Nursing.

Mutumba, M. (In preparation). *Gender and parental influences on sexual risk communication among adolescents in Southern Uganda*. Department of Health Behavior and Biological Sciences, School of Nursing, University of Michigan School of Nursing.

Mutumba, M. (In preparation). *Individual and dyadic predictors of adolescent mental wellbeing and sexual risk-taking behaviors*. Department of Health Behavior and Biological Sciences, School of Nursing, University of Michigan School of Nursing.

Mutumba, M., Shato, T., Nabunya, P., Sensoy Bahar, O., & Ssewamala, F. M. (Under review). Ecological correlates of school satisfaction and its association with sexual risk-taking attitudes among adolescent girls in Southern and Western Uganda. *Journal of Adolescence*.

Shato, T., Nabunya, P., Byansi, W., Nwaozuru, U., Okumu, M., Mutumba, M., & Ssewamala, F. M. (Under review). Family economic empowerment, family social support and sexual risk-taking behaviors among adolescents living with HIV in Uganda. *Journal of Adolescent Health*.

Grants

Co-investigator, (resubmitted), *M-Suubi: A Multi-level integrated intervention to reduce the impact of HIV stigma on HIV treatment outcomes among adolescents living with HIV in Uganda*. (MPI: Ssewamala, F.M.).



Tyrone Parchment, LCSW, PhD

Assistant Professor, Boston College School of Social Work

Mentor

Theresa Betancourt, PhD

Biography

Tyrone Parchment is an Assistant Professor at Boston College School of Social Work. His academic training and research experience provided him with an excellent background in rigorous methodological, conceptual, and statistical research training in social science and social work practice that can be applied at the domestic and international levels. Dr. Parchment's research program is informed by a decade of direct practice and

research experience that focuses on family behavioral health with an emphasis on male caregiving/fathers among racially and ethnically marginalized communities both in the U.S. and internationally.

Publications

Parchment, T. M., Small, L., & Bhana, A. (In press). Parent-child communication in disorganized neighborhoods: The call for engaging South African caregivers in family-based HIV prevention interventions. In Ssewamala, F. M., McKay, M., & Sensoy Bahar, O. (Eds.). *Child behavioral health in sub-Saharan Africa*. New York, NY: Springer Publishing.

Parchment, T. M., & Small, L. (Under review). Child report of caregiver attunements a mechanism to decrease engagement in risky situations and depression among a sample of South African early adolescents. *Journal of Clinical Child & Adolescent Psychology*.

Paredes, T. M., & Parchment, T. M. (2020). The Latino father in the postnatal period: The role of egalitarian masculine gender role attitudes and coping skills in depressive symptoms. *Psychology of Men & Masculinities*.

Easton, S., & Parchment, T. M. (Under review). "The whole wall fell apart, and I felt free for the first time": Men's perceptions of helpful responses during discussion of child sexual abuse. *Child Abuse and Neglect*.



Simone Schriger, MA

PhD Student, Clinical Psychology, University of Pennsylvania

Mentor

Fred Ssewamala, PhD

Janet Nakigudde, PhD

Biography

Simone Schriger is a doctoral student in clinical psychology at the University of Pennsylvania. She is dedicated to a career focused on closing the mental health treatment gap, particularly in resource-limited environments within and outside of the U.S. Simone graduated cum laude from Bates College in 2014 and later carried out research in Malawi, South Africa, and in India as a Thomas J. Watson fellow. She also worked in Rwanda as a Davis Fellow for Peace and in Uganda as a research coordinator. Simone carried out her master's thesis on community mental health in Philadelphia. She has particular interests in using implementation science and community-based participatory research to increase the sustainment and scalability of evidence-based practices in community settings. Simone is also interested in better understanding the principles of ethical and equitable global health partnerships and seeks to approach her research through a social justice lens.

Publications

Schriger, S. (In press). *Practical applications of implementation science to low intensity cognitive behavioral therapy interventions*. Oxford guide to low-intensity evidence-based interventions for children and young people. Oxford University Press.

Accomplishments

Simone Schriger successfully defended the first of her two qualifying exams. She continues her qualitative research with her LEAD Program mentor on the Kyaterekera project.



Nhial Tutlam, MPH, PhD

Chronic Disease Epidemiology Manager, St. Louis County Department of Public Health

Mentors

Fred Ssewamala, PhD

Theresa Betancourt, PhD

Biography

Nhial Tutlam earned his Bachelor of Science degree in biology from Tennessee State University and both his Master of Public Health (MPH) and PhD degrees from Saint Louis University. Dr. Tutlam is the Chronic Disease Epidemiology Program manager in the Division of Health Promotion and Public Health Research at Saint Louis County Department of Public Health (DPH), where he oversees chronic diseases and mental health surveillance. Dr. Tutlam is also the Project Director for Project RESTORE, a four-year, \$1.7 million minority youth violence prevention project funded by the Office of Minority Health in the U.S. Department of Health and Human Services. Dr. Tutlam's research interest include chronic diseases, maternal and child health, and intergenerational impact of war trauma of South Sudanese.

Other Accomplishments

Dr. Tutlam is an adjunct instructor of epidemiology at the Brown School at Washington University in St. Louis and teaches a chronic disease prevention course at Lindenwood University. He is the current treasurer for the Tumaini African Association. He is a board member with Pan African Organization for Health, Education and Research, and is a board member and director of health programs with the Dr. Timothy T. Tutlam Foundation.



Melissa Villodas, MSW, LMSW

PhD Student, School of Social Work, University of North Carolina at Chapel Hill

Mentor

Von Nebbitt, PhD

Biography

Melissa Villodas is a third-year doctoral student at the University of North Carolina-Chapel Hill School of Social Work. She received her MSW in 2015 from New York University and her BA in English writing from Nyack College in 2012. Ms. Villodas' clinical training is in trauma-informed evidence-based practices for children, youth, and young adults with mental health challenges. Her research interests are in community connection and positive youth development. Ms. Villodas is committed to investigating how young people decide who they want to be, what values matter to them, and how community connections influence youth development. She is also interested in investigating how a positive sense of community impacts health behavior and mental health in marginalized groups both globally and domestically.

Publications

Foell, A., Pitzer, K., Nebbitt, V., Lombe, M., Yu, M., Villodas, M. L., & Newransky, C. (Under review). Exposure to community violence and depressive symptoms: Examining community, family, and peer effects among public housing youth. *Health and Place*.

Villodas, M. L., Nebbitt, V., Yu, M., Lombe, M. & McCoy, H. (In preparation). *The context of public housing: Measuring neighborhood cohesion*. School of Social Work, University of North Carolina at Chapel Hill.

CHILD-Global Research Fellowship



CHILD
Global Research Fellowship
Washington University in St. Louis |
Makerere University

Co-Directors

Mary McKay, PhD

Neidorff Family and Centene Corporation
Dean of the Brown School, Washington University in St. Louis

Noeline Nakasujja, MBChB, PhD

Associate Professor of Psychiatry Chair, College of Health Sciences, Makerere University

Fred Ssewamala, PhD

William E. Gordon Distinguished Professor, Social Work and Public Health; Professor, School of Medicine; Director of ICHAD and SMART Africa; Washington University in St. Louis

Mentors

Dickens H. Akena, PhD

Senior Lecturer, Psychiatry, College of Health Sciences, Makerere University

Paul Bukuluki, PhD

Lecturer, Social Work & Social Administration, School of Social Sciences, Makerere University

David Kaawa-Mafigiri, PhD

Lecturer, Social Work & Social Administration, School of Social Sciences, Makerere University

Barbara Mukasa, MBChB, MPH

Executive Director, Mildmay Uganda

James Mugisha, PhD

Senior Lecturer, Mental Health Systems Research & Development Specialist, Kyambogo University & Butabika National Referral and Teaching Hospital

Fredrick Makumbi, PhD

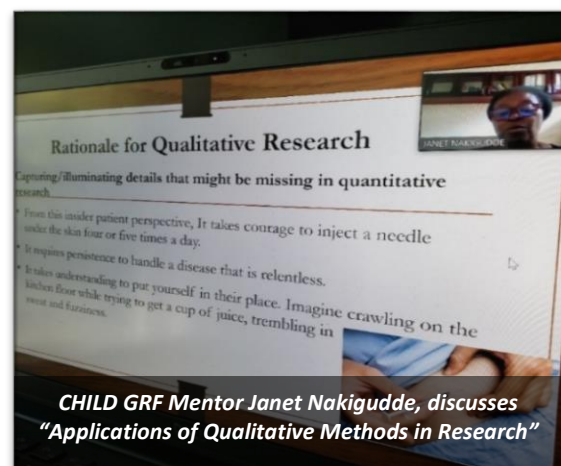
Senior Lecturer and Departmental Chair, Epidemiology and Biostatistics, College of Health Sciences, Makerere University

Janet Nakigudde, PhD

Clinical Psychologist and Lecturer, Psychiatry, College of Health Sciences, Makerere University

CHILD-GRF is supported by the Eunice Kennedy Shriver National Institute of Child Health & Human Development (NICHD) and Fogarty International Center (FIC) (D43TW011541). The program provides state-of-the-art methods training, mentoring, and hands-on research experience to promising early career researchers from Ugandan institutions committed to research that addresses HIV prevention and the serious burden of child and adolescent mental health in the context of HIV/AIDS. CHILD-GRF's aim is to increase, strengthen, and sustain the capacity of research institutions in Uganda, a SSA country heavily affected by HIV/AIDS.

The first CHILD-GRF cohort consists of seven highly qualified fellows with an interest in combination HIV prevention addressing persistent poverty, co-occurring child and adolescent mental health problems, and HIV care and prevention in HIV-impacted communities.



Fogarty International Center D3 Supplemental Grant

The CHILD-GRF program received a supplement to support our program partner Makerere University in developing sustainable policies to address sexual misconduct and harassment, and provide a safe work environment at the institution. Led by multiple principal investigators Proscovia Nabunya, Rachel Brathwaite, and Noeline Nakasujja, Assessing the Implementation of the Makerere University's Policy and Regulations Against Sexual Misconduct and Harassment (APRASH) builds on Makerere University's investigative committee on sexual misconduct and harassment, to assess the implementation of the current policy and regulations against sexual harassment as well as the committee's policy recommendations, and to develop a policy evaluation and monitoring framework to guide ongoing and future policy implementation.

The following fellow profiles provide a detailed description of each CHILD-GRF fellows' accomplishments.



Rachel Alinaitwe, MBChB, MMed

Psychiatrist, College of Health Sciences, Makerere University

Mentor

Dickens H. Akena, PhD

Biography

Rachel Alinaitwe is a qualified medical doctor with specialization in Psychiatry. She is passionate about mental health for children and adolescents. Dr. Alinaitwe is currently working on a project titled "Detection of Depression Among HIV Positive Adolescents in Care in Uganda" which aims to determine the magnitude of depression and associated factors among HIV positive adolescents in Uganda. The study will be carried out at an HIV care center for children and adolescents in Uganda. She will administer a sociodemographic questionnaire and a MINI-KID (depression and suicidality modules) to approximately 236 HIV positive adolescents. Dr. Alinaitwe is creating the study protocol and developing her skills in research methods, grant development, and manuscript writing.

Accomplishments

Dr. Rachel Alinaitwe participated in two Fogarty International Center (FIC) research training and networking workshops. She is currently enrolled in a course on conducting responsible research. Dr. Alinaitwe continues to make progress on her research study, "Detection and referral of depression among HIV-positive adolescents in care in Uganda."



Anita Arinda, MBChB, MMed

Psychiatrist, Mildmay Uganda Hospital

Mentor

James Mugisha, PhD

Biography

Anita Arinda is a trained psychiatrist who studied at Makerere University in Kampala, Uganda. She is passionate about child and adolescent mental health research in low-resource settings, specifically she is interested in neurodevelopmental disorders especially Autism Spectrum Disorder (ASD). Throughout her research career, she hopes to build on the existing yet limited knowledge of neurodevelopmental disorders in low-income settings as well as develop cost-effective and feasible intervention programs for children with these disorders and their families.

Accomplishments

Dr. Arinda is currently designing a project titled "Life Skills Training to Increase HIV Knowledge among Adolescents with Intellectual Disabilities in Kampala, Uganda" which will focus on life skills and sex education for adolescents with mid-to-moderate intellectual disabilities. She is currently enrolled in trainings on epidemiology and biostatistics as part of the Global Initiative for Neuropsychiatric Education in Research (GINGER) Fellowship. She is also coordinating the CHILD-GRF Administrative Supplement at Makerere University, "Assessing the Implementation of the Makerere University's Policy and Regulations Against Sexual Misconduct And Harassment (APRASH)", which will assess the implementation of Makerere University's current policy and regulations against sexual harassment, and facilitate the development of a policy evaluation and monitoring framework to guide ongoing and future policy implementation.



Agatha Kafuko, MA

PhD Student, Makerere University

Mentor

Paul Bukuluki, PhD

Biography

Agatha Kafuko's research seeks to identify and examine the nature and prevalence of mental health problems among older children and adolescents in post conflict and resource constrained communities, with perinatal HIV exposure, including those who are HIV-infected and those who were perinatally exposed to HIV but remain uninfected. Using mixed methods, the study seeks to compare the impact of HIV infection on the two categories of HIV affected children and adolescents and to delineate social and environmental risk factors associated with mental health functioning among these children. This research is intended to generate evidence that can contribute to informing the development of appropriate intervention strategies for improving mental health functioning among the HIV affected children in low resource and post conflict settings of Uganda.

Grants

Ms. Kafuko was awarded a research fellowship from Together for Girls which will last from September 2020 to May 2021.

Accomplishments

Ms. Kafuko participated in a Scientific Writing Training, and she attended a STATA 16 Training to further her data analysis skills.



Apollo Kivumbi, MBChB, MPH

Master of Medicine in Psychiatry Student, College of Health Sciences, Makerere University

Mentor

Fredrick Makumbi, PhD

Biography

Apollo Kivumbi is currently Master of Medicine in Psychiatry student at the College of Health Sciences, Makerere University. Dr. Apollo has a strong interest in child and adolescent mental health. Specifically, his research interests lie in optimizing functioning among children and adolescents diagnosed with neurodevelopmental disorders, which disproportionately affect HIV infected individuals. He also studies the use of technology to improve mental health outcomes among children and adolescents and their families after a diagnosis of a mental illness.

Accomplishments

Dr. Apollo Kivumbi was appointed an Early Career Researcher through the Global Initiative in Neuropsychiatric Ethics based at the University of Oxford. He also completed courses for his Master of Medicine residency program and a course on the role of ICTs in achieving sustainable development goals provided by edX.

**Violette Nabatte, MBChB**

Head of Pediatric and Adolescent Services, Mildmay Uganda Hospital

Mentor

Barbara Mukasa, MBChB, MPH

Biography

Violette Nabatte is the current head of Pediatric and Adolescent Services at Mildmay Uganda Hospital in Kampala, Uganda. Dr. Violette holds a Master of Medicine in Pediatrics and Child Health from Makerere University. Her research interests include academic performance of adolescents

living with HIV and caregiver perceptions of adolescent academic performance.

Presentations

Nabatte, V. (2020, July). *Building back better: Adaptations and new opportunities for the HIV response*. Presentation at the International AIDS Conference.

Nabatte, V. (2020, November). *Predictors of viral non-suppression among adolescents in care at Mildmay Uganda Hospital*. Poster presentation at the Virology HIV Conference.

**Justine Diana Namuli, MBChB, MMed**

Psychiatrist, Lecturer, Makerere University

Mentor

Janet Nakigudde, PhD

Biography

Justine Diana Namuli is a child and adolescent psychiatrist who currently works in the Department of Psychiatry College of Health Sciences, Makerere University. She is also a lecturer for the College of Health Sciences, Makerere University. She is interested in HIV/AIDS stigma research, more specifically, if stigma is associated with sociodemographic factors and clinical retention characteristics in children affected by HIV/AIDS in Uganda.

Publications

Namuli, J. D., Joyce, N. S., Bangirana, P., & Nakimuli-Mpungu, E. (2020). Complementary Alternative Medicine (CAM) use and associated factors among HIV infected children and adolescents seeking mental health services in Uganda. *EC Psychology and Psychiatry*, 9(10), 1-8.

Namuli, J. D., Nakimuli-Mpungu, E., Mwesiga, E. K., & Joyce, N. S. (2020). Knowledge gaps about autism spectrum disorders and its clinical management among child and adolescent health care workers in Uganda: A cross-sectional study. *EC Psychology and Psychiatry*, 9(9), 112-121.

Presentations

Dr. Namuli presented at a webinar on mental health awareness and self-care during COVID-19 organized by the nonprofit organization Phenomenal Women Global.

Other Accomplishments

Dr. Namuli has participated in a wide variety of virtual professional development workshops and webinars including the HIV-Related Intersectional Stigma Research Advances and Opportunities workshop hosted by the National Institute of Health (NIH) and Office of AIDS Research (OAR), Consortium of Universities for Global Health webinar, and a webinar on Psychotherapy for PTSD during a Pandemic.



Esther Nanfuka, MA, PhD

Assistant Lecturer, Department of Social Work and Social Administration, Makerere University

Mentor

David Kaawa-Mafigiri, PhD

Biography

Esther Nanfuka is a trained social worker who has 10 years of experience as an Assistant Lecturer in the Department of Social Work and Social Administration at Makerere University. She recently completed her PhD in Social Work and successfully defended her dissertation that examined how people living with HIV in Uganda mobilize resources for the day to day management of HIV/AIDS under conditions of precariousness. Her dissertation focused on risk and resilience. Her research interests include child protection, resilience among people living with HIV and other chronic illnesses, and gender-based violence.

Publications

Nanfuka, E., Turyomurugendo, F., Ochen, E., & Gibbs, G. (2020). Leaving a violent child marriage: Experiences of adult survivors in Uganda. *Social Sciences*, 9(10), 172.

Other Accomplishments

Dr. Ester Nanfuka participated in the HIV-Related Intersectional Stigma Research Advances and the Opportunities Virtual Workshop and the Ethics in Child Protection: A Nursing Perspective virtual conference hosted by the International Society for the Prevention of Child Abuse and Neglect (ISPCAN).

Capacity Building Leadership

Executive Steering Committee



Fred Ssewamala, PhD

Co-Director – CHILD-GRF, LEAD, and RRT

William E. Gordon Distinguished Professor; Director of ICHAD and SMART Africa Centers; Brown School, Washington University in St. Louis

Professor of Medicine, Washington University School of Medicine

Dr. Ssewamala is the Founding Director of ICHAD and the Director of the SMART Africa Center. His global research, funded by a consortium of institutions including the U.S. government through NIMH and NICHD, focuses on improving health/mental health and developmental outcomes for vulnerable children and adolescents and creating innovative combination interventions for communities affected by poverty and HIV/AIDS.



Mary McKay, PhD

Co-Director – CHILD-GRF and RRT

Neidorff Family and Centene Corporation Dean of the Brown School, Washington University in St. Louis

Dean McKay has received substantial federal funding for research focused on meeting the mental health and health prevention needs of youth and families impacted by poverty. She has significant expertise in child mental health services and implementation research methods, as well as over 20 years of experience conducting HIV prevention and care-oriented studies, supported by the NIH. She has been the PI on studies set in Sub-Saharan Africa since 2000.



Patricia Cavazos, PhD

Co-Director, LEAD

Professor, Psychiatry, Washington University School of Medicine

Dr. Cavazos is a clinically trained licensed psychologist who has been involved in biomedical research for over ten years. Her research is funded by the NIH and involves studying the most efficacious policies that will reduce substance use involvement while accounting for today's new media-saturated environment. She is a member of an underrepresented minority group (Hispanic/Latina), and understands the importance of enhancing diversity in the workforce.



Sean Joe, PhD

Co-Director, RRT

Benjamin E. Youngdahl Professor of Social Development; Associate Dean for Faculty and Research; Director, Race and Opportunity Lab; Brown School, Washington University in St. Louis

Dr. Joe is a nationally recognized authority on suicidal behavior among African Americans. His research focuses on Black adolescents' mental health service use patterns, the role of religion in Black suicidal behavior (NIMH), salivary biomarkers for suicidal behavior, and development of father-focused, family-based interventions to prevent urban African American adolescent males from engaging in multiple forms of self-destructive behaviors.



Noeline Nakasujja, PhD

Co-Director – CHILD GRF

Associate Professor, Psychiatry, Makerere University in Uganda

Dr. Nakasujja's research focuses on mental health, in particular, evaluating special populations of HIV positive individuals. She is currently a Principal Investigator on a study evaluating the stress and caregiver burden of individuals looking after patients with Alzheimer's disease in the community. She has an impressive record as a department chair and mentor, serves on several international associations and has received numerous recognitions and honors for her scientific achievements.



Proscovia Nabunya, PhD

Co-Investigator – LEAD and CHILD-GRF

Research Assistant Professor, Social Work, Washington University in St. Louis

Dr. Nabunya's research focuses on HIV-stigma reduction interventions, family and community-based support systems as protective factors for the development and well-being of children and families impacted by HIV/AIDS. She has research expertise in poverty-reduction strategies that utilize asset-based interventions and their impact on the social, economic and health well-being of children and families in HIV-impacted communities in sub-Saharan Africa.



Ozge Sensoy Bahar, PhD

Co-Investigator – LEAD and CHILD-GRF

Research Assistant Professor, Social Work, Washington University in St. Louis

Dr. Sensoy Bahar's research focuses on child and family well-being in global contexts characterized by poverty and associated stressors. Her current research program focuses on youth experiences of child work and labor, as well as the individual, family, and contextual factors leading to child labor in two country contexts, Turkey and Ghana. The goal of her work is to develop culturally and contextually relevant interventions to reduce risk factors associated with child labor.

Acknowledgment

ICHAD's capacity building team would like to thank our funders: The National Institute of Child Health and Human Development, the National Institute for Mental Health, the National Institute on Minority Health and Health Disparities, and Fogarty International Center.

We would also like to express our deepest appreciation to the experts who shared their work at our Summer Training events. They include Susannah Allison, Parul Bakhshi, Ellis Ballard, Clement Bayetti, Rick Berzon, Tim Bono, Jacob Borodovsky, Holly Campbell-Rosen, Patricia Cavazos-Rehg, Brett Drake, Elvin Geng, Shenyang Guo, Nikole Lobb Dougherty, Sean Joe, Mary McKay, Nancy Mueller, James Mugisha, Proscovia Nabunya, Noeline Nakasujja, Janet Nakigudde, Byron Powell, Ozge Sensoy Bahar, Latoya Small, Fred Ssewamala, and Yesim Tozan.

Training Advisory Committee



Theresa Betancourt, ScD

Professor, School of Social Work, Boston College

Dr. Betancourt's research interests include developmental and psychosocial consequences of concentrated adversity on children, youth and families; resilience and protective processes in child and adolescent mental health and child development; refugee families; and applied cross-cultural mental health research. She is Principal Investigator of an intergenerational study of war/prospective longitudinal study of war-affected youth in Sierra Leone (LSWAY).



Arvin Bhana, PhD

Associate Professor of Psychology, University of KwaZulu-Natal Durban

Dr. Bhana's research focuses on understanding risk and resilience, adolescent risk-taking behavior (including HIV/ AIDS), and substance abuse and mental health. He has been the Principal Investigator or Co-Investigator of several NIH-funded research projects in South Africa supporting Perinatally HIV-infected Youth. His recent publications examine the role of family protective factors in improving mental health and behavioral outcomes and reducing the risk for STIs among children and youth.



Mario Castro, MD

Division Chief, Pulmonary/Critical Care, University of Missouri-Kansas City School of Medicine

Dr. Castro serves as the principal investigator for the Kansas City site of the American Lung Association Asthma Clinical Research Centers (ACRC) and Chairs the Protocol Committee for ACRC. He is studying what makes severe asthma different from milder forms in the Severe Asthma Research Program (SARP). He is also studying potentially new treatments and biomarkers for severe asthma in the Precision Interventions for Severe and Exacerbation-prone asthma (PrecISE) study.



Tonya Edmond, PhD

Associate Dean, Social Work, Washington University in St. Louis

Dr. Edmond serves as the Brown School's associate dean for social work, and is a faculty fellow in the Office of the Provost working on women faculty leadership development and other diversity and inclusion initiatives. As a faculty affiliate with the Center for Violence and Injury Prevention and the Center for Mental Health Services Research, she focuses her research on testing the effectiveness of interventions for survivors of childhood sexual abuse, sexual assault, sex trafficking and intimate partner violence.



Keng-Yen Huang, PhD

Associate Professor, Population Health, New York University School of Medicine

Dr. Huang's research interests include child development, psychiatric epidemiology, prevention, implementation, and global public health research. She is the principal and co-investigator on numerous NIH and Foundation funded child development and mental health implementation research projects in international contexts. Her current research efforts focus on child mental/behavioral health implementation and epidemiological research both in low-and middle-income countries (LMICs) and in the US.



Godfrey Kigozi, MBChB, MPH

Director of Research, Rakai Health Sciences Program, Uganda

A medical doctor by training, Dr. Kigozi has overseen a number of complex RHSP studies, including the effects of STD control on maternal and infant health. He served as the medical officer for the "Trial of Male Circumcision" studies and achieved compliance and follow-up rates of over 90 percent. For over 10 years, he has been a medical consultant on several of Dr. Ssewamala and Dean McKay's NIH funded studies



Abel Mwebembezi, PhD

Executive Director, Reach the Youth – Uganda

Dr. Mwebembezi has worked to implement reproductive health and HIV/AIDS projects and managed multiple child sponsorship education programs. He has served as a Planning Officer with the UN Peace Keeping Mission at the UN African Union Mission in Darfur and has been an implementation partner on several NIH-funded research projects (PI, Dr. Fred Ssewamala) testing asset-based economic empowerment interventions for youth impacted by poverty and HIV/AIDS.



Timothy Opobo, MSC

Executive Director, AfriChild Centre

Mr. Opobo has ten years of development practice experience. He previously served as Acting Executive Director of the AfriChild Centre and also worked with the African Network for the Prevention and Protection against Child Abuse and Neglect in Uganda and Liberia. His primary interests are social challenges affecting children and young people in Sub-Saharan Africa.



Lourdes Soto de Laurido, EdD

Associate Dean, Academic Affairs, University of Puerto Rico

Dean Soto de Laurido's special interests are the implications of research and health promotion programs design that empower global agreements, services collaboration, mentoring, coaching and research coaching. She is furthering the need for rigorous research methods for clinical and translational research, community base participatory research (CBPR), health promotion program design and statistical indicators for risk behaviors and resilience consider non-communicable diseases risk factors.



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