

Parishma Guttoo
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EDUCATION

Case Western Reserve University
Ph.D. in Clinical and Translational Sciences

July 2023 - Present
Cleveland, OH

Kent State University
MPH Epidemiology

January 2019 – May 2021
Kent, OH

University of the West of England
MSc Public Health

September 2014 – November 2017
Bristol, United Kingdom

Wuhan University
Bachelor in medicine Bachelor in Surgery (MBBS)

September 2006 – June 2012
Wuhan, China

AWARDS

Case Western Reserve University
Dean's Scholarship for Ph.D.

July 2023
Cleveland, OH

Kent State University
COVID-19 Scholarship

January 2021
Kent, OH

Fulbright Grantee (Master's)
US Embassy Mauritius

2018 Cohort

University of the West of England
Chancellor's Scholarship

August 2014
Bristol, United Kingdom

Wuhan University
Best Student Award
Best Student Representative

2008 to 2011
Wuhan, China

RESEARCH EXPERIENCE

Nationwide Children's Hospital
The Abigail Wexner Research Institute
Center for BioBehavioral Health
Clinical Research Coordinator/ Lab Manager

May 2021 – June 2023
Columbus, OH

Responsibilities: Coordinate several studies examining adherence, symptom management and burden, allocation of treatment responsibility, feasibility and usage of electronic health applications, quality of life, decision-making, child and family communication and family adjustment to pediatric transplant and oncology using mixed- method, longitudinal, or RCT designs; review medical records on Epic to determine eligibility; medical chart abstractions; recruit participants in inpatient, outpatient, and remote settings; oversee data collection in SPSS, REDCap, and Excel; disseminate study findings through presentations and manuscripts; serve as lab manager; train new research staff and undergraduate research assistants; participate in weekly lab meetings and bi- monthly writing group/journal club

Ohio Department of Health and Ohio State University
Contact tracer/Public health intern

June 2020 – August 2020
Columbus, OH

Responsibilities: collected COVID-19 exposure information from different areas around in Columbus, collected nasal swabs sample for suspicious cases

Southwest General Hospital
Data/Public health intern

June 2020 - May 2021
Middleburg Heights, OH

Projects:

Proportion of patients discharged from Southwest General with anticoagulation starter packs in hand

Weighted-Incidence antibiograms creation, validation, and implementation

Responsibilities: literature review, data extraction/abstraction from electronic medical records, data management, data analysis, dissemination and report writing

Kent State University
*Racial Justice and Health Equity Research and Education
Collaborative Research
Research Coordinator*

April 2020 - March 2021
Kent, OH

Project:

“Africa is Different from Here: A Qualitative Exploration of Newly Resettled Congolese Refugee Women in the United States”

Responsibilities: literature review for writing protocol, data analysis of demographic information, data management of project information and interviews, transcribing and thematic analysis of interviews using NVivo, dissemination of interview findings

Prevention Research Centre for Healthy Neighborhood
Summer Intern

May 2019 - August 2019
Cleveland, OH

Project:

Exploring mental health needs among Hispanic youth

Responsibilities: literature review for writing protocol, data analysis of YRBS data, format Institutional Review Board protocol and materials for pre-approval, brainstorming for focus group questions; conducting focus groups for a pilot study to explore mental health needs among the LatinX/Hispanic community in the Cleveland area

University of the West of England
*Research Coordinator, Diversity advocacy coordinator and
Student Enrichment Intern*

May 2015 - August 2016
Bristol, United Kingdom

Projects:

Experiences of International Students at the UWE (University of the West of England)

Experiences of the Black and Minority Ethnic community at UWE

Responsibilities: conducted literature review for writing protocol for the projects, conducted surveys among students on the UWE campus, data entry of the survey responses and data analysis, dissemination of study findings to the student committees and student offices at UWE

University of the West of England

*Research Coordinator, Diversity advocacy coordinator and
Student Enrichment Intern*

October 2014 – November 2015

Bristol, United Kingdom

Project:

Use of mobile technologies for public health interventions in low- and middle- income countries

Responsibilities: conducted literature review for writing protocol for this project, worked on drafting steps in doing a systematic review in this topic

Facts4Life

Responsibilities: performed data entry from questionnaires, data cleaning and data analysis on Excel and SPSS

CLINICAL EXPERIENCE

Link To Life

Visiting Doctor and Project Coordinator

September 2017 – December 2019

Vacoas, Mauritius

Responsibilities: screening and follow-ups for breast cancer/breast lumps/breast cysts by palpation and using ultrasound; performing PAP smear and follow-up for cervical cancer patients and annual screening; support activities for children with cancer; support activities for female cancer survivors and females undergoing cancer treatment; leading awareness campaigns about cancer in different areas of the island, across different communities, in different work sites and in schools

Lycée La Bourbonnais

Médecin scolaire (School Doctor)

September 2017 – December 2019

Curepipe, Mauritius

Responsibilities: worked with students from Grade 1 to Grade 12 conducting annual health checks (weight-height percentiles, vision test), follow-ups of children with diagnosed medical conditions, validating school and exam arrangements for children with special needs/ outstanding athletic records/ reported psychological concerns; attending to medical emergencies within the school premises

Clinic Muller

Resident Doctor/ House officer

March 2014 – January 2019

Curepipe, Mauritius

Responsibilities: involved in proper and adequate assessment of the patients' conditions based on their medical history, medical examination, making diagnosis and establishing treatment plan. The assessment also included physical, psychological, and social factors pertaining to the patients. The duties included carrying out of the relevant investigations and providing treatment upon reaching confirmed diagnosis. Attended critical cases in the ICU and emergency cases.

Jawaharlall Nehru Hospital

Pre-Registration House Officer

January 2012 - February 2014

Rose Belle, Mauritius

Responsibilities: rotated across different units in this public hospital examining patients from the emergency unit, making diagnosis, and determining the treatment plan, doing follow-ups for patients with chronic diseases of all ages, prepping patients for surgical procedures and doing their follow-up, attending deliveries in labor room, and assisted in caesarean sections and other gynecological procedures. Rotated in specialized hospitals, namely psychiatric

hospitals, chest and tuberculosis clinics, AIDS clinic, prison clinics, community health centres; trained in food and safety regulations, trained in environmental regulations

Renmin People's Hospital, Wuhan University
Clinical Intern

January 2012 - February 2014
Wuhan, Hubei Province, China

Responsibilities: rotated across different units in this public hospital examining patients from the emergency unit, making diagnosis, and determining the treatment plan, doing follow-ups for patients with chronic diseases of all ages, prepping patients for surgical procedures and doing their follow-up, attending deliveries in labor room, and assisted in caesarean sections and other procedures. Rotated in specialized hospitals, namely psychiatric hospitals, chest and tuberculosis clinics, AIDS clinic, prison clinics, community health centres; trained in food and safety regulations, trained in environmental regulations

LEADERSHIP POSITIONS

Nationwide Children's Hospital
The Abigail Wexner Research Institute
Center for BioBehavioral Health
Clinical Research Coordinator/Lab Manager

May 2021 – June 2023
Columbus, OH

Coordinated on-boarding, mentorship, task delegation, team cohesion, skill development and data management completion of newly hired research assistants; ordered necessary lab supplies and programs
Utilized managerial skills and knowledge of safe data collection to uphold ethical research procedures and security standards amongst various projects

Office of Global Education, Kent State University
Global Ambassador and Secretary on the Executive Committee

August 2019 - December 2020
Kent, OH

Coordinated activities and cultural events, such as language cafes, language buddy programs and on-boarding of international students
Helping new students in adapting to the campus and providing resources

University of the West of England
Cultural Ambassador

October 2014 - July 2015
Bristol, United Kingdom

Coordinated activities and cultural events, such as language cafes, language buddy programs and on-boarding of international students
Helping new students in adapting to the campus and providing resources.
Assisted in administrative tasks
Marketing of cultural and student events
Developed community and engaged with students to advocate for wellness, promote inclusion, and enhance learning via passive (e.g., bulletin boards) and active (e.g., conversations, inclusion programming, campus events) means
Completed required inclusivity, confidentiality, safety/crisis management, and de-escalation tactics, mental health, and suicidality trainings
Marketing of events and collecting feedback through surveys and social media polls

Wuhan University
Class Representative
Member of International Students Association and African
Continent representative

September 2006 – June 2011
Wuhan, Hubei Province,
China

Represented the class of 2011 at the Wuhan School of Medicine conveying concerns of the students and relaying back any communicating from the school administration and faculty
Acted in the role of mediator between international students at the Wuhan university for improving communication between the school offices and students and help students facing language issues to communicate with school officials about academic and personal concerns

TEACHING & LEADERSHIP EXPERIENCE

Kent State University
College of Public Health
Facilitator/ Peer instructor

April 2020 - December 2021
Kent, Ohio

Mentoring, providing resources and supporting (e.g., answering questions regarding academics, institutional) students from the undergraduate and graduate levels enrolled in public health programs
Organizing activities focused on self-care and peer-collaboration among public health students, mainly over the COVID-19 pandemic

Faculty of Health and Applied Sciences
University of the West of England
Peer Assisted learning leader (PAL leader)

July 2015 – August 2016
Bristol, United Kingdom

Mentoring, providing resources and supporting (e.g., answering questions regarding academics, institutional) students enrolled in the Master of Science in public health in the faculty
Organizing activities focused on self-care and peer-collaboration among public health students, mainly over the COVID-19 pandemic

PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

1. **Gutto, P.**, Sutherland-Foggio, M., Olsavsky, A. L., Benhayoun, A., Foster Akard, T., & Gerhardt, C. A., Skeens, M., (2023). Social Determinants of Health Influence Longitudinal Report of COVID-19 Exposure and Impact among Parents of School-Aged Children. *Family Medicine and Primary Care*
2. Spates, K., Evans, N., Smith, J., Jindra, R., Gairola, R., **Gutto, P.**, Mubikayi Kabasele, C.; Kirkland, C. (2023). I Need you to Survive: A Qualitative Exploration of Family-based Beliefs among Resettled Congolese Refugee Women in the United States. *International Journal of Migration, Health and Social Care*.
3. Mikuluk, B., **Gutto, P.**, Anderson, A., & Skeens, M. (2023). Certified Child Life Specialist role in implementation of individualized coping plans for children receiving botulinum toxin injections. *Journal for specialists in pediatric nursing: JSPN*, 28(3), e12413. <https://doi.org/10.1111/jspn.12413>
4. Skeens, M., **Gutto, P.**, Stanek, J. R., Taylor, K., Stratz, E., Ardura, M. I., & Rangarajan, H. G. (2022). An Exploration of COVID-19 Impact and Vaccine Hesitancy in Parents of Pediatric Hematopoietic Stem Cell Transplant (HCT) Recipients. *Bone marrow transplantation*, 57(4), 547–553. <https://doi.org/10.1038/s41409-022-01587-9>

MANUSCRIPTS UNDER REVIEW

1. **Guttoo, P.**, Bajwa, R., Lipak, K., Adewumi, A., Guthrie, L., Ralph, J., Olshefski, R., Gerhardt, C. A., Skeens, M. A. (in review). Childhood Cancer Survivor Utilization and Barriers to Primary Care Providers. *Journal of Cancer Survivorship*.
2. **Guttoo, P.**, Sutherland-Foggio, M., Olsavsky, A., Skeens, M.A., Gerhardt, C. *Early Impacts of COVID-19 on school-aged parents*.

MANUSCRIPTS IN PREPARATION

1. **Guttoo, P.**, Stanek JR, Patterson, V., Pai, V. Bajwa, R., Skeens, M. A. *A Retrospective Comparison of Tacrolimus Inpatient Variability Measures and Outcomes in Pediatric Hematopoietic Stem Cell Transplant Patients*.
2. Ralph, J. E., **Guttoo, P.**, Sezgin, E., Gerhardt, C. A., Skeens, M. A. *Innovative Outcomes: A Multidisciplinary and Family-Centered Approach to Developing an mHealth app in the Hematopoietic Stem Cell Transplant Population*.
3. Skeens, M.A., **Guttoo, P.**, Stanek, J.R., Pai, V., Rangarajan, H.G. *Twice daily i.v. bolus tacrolimus infusion for GVHD prophylaxis in children undergoing stem cell transplantation*

ORAL PRESENTATIONS

1. Skeens, M. A., Ralph, J. E., **Guttoo, P.**, Sezgin, E., Bajwa, R., Vannatta, K., & Gerhardt, C. A. *Utilizing a multidisciplinary and family-centered approach to develop an mHealth intervention for pediatric hematopoietic stem cell transplant recipients*. Oral presentation submitted to the Society of Pediatric Oncology (2022).
2. Olsavsky, A. L., Ralph, J., Hill, K., Benhayoun, A., **Guttoo, P.**, Akard, T., Gerhardt, C., & Skeens, M. (2023, March). *The Impact of COVID-19 on Resilience and Youth Quality of Life: A Dyadic Analysis*. Flash Talk submitted for review at the Society for Research in Child Development 2023 biennial meeting, Salt Lake City, UT.
3. Benhayoun, A., Olsavsky, A.L., **Guttoo, P.**, Patterson, V., Akard, T., Gerhardt, C., & Skeens, M. (2023, March). *Predictors of Loneliness among Youth in Middle Childhood and Adolescence during the COVID-19 Pandemic*. Flash Talk submitted for review at the Society for Research in Child Development 2023 biennial meeting, Salt Lake City, UT.
4. Skeens, M. A., Ralph, J. E., Guttoo, P., Sezgin, E., Bajwa, R., Vannatta, K., & Gerhardt, C. A. *Utilizing a multidisciplinary and family-centered approach to develop an mHealth intervention for pediatric hematopoietic stem cell transplant recipients*. Oral presentation submitted to the Society of Pediatric Oncology (2022).
5. Blaginykh, E. & Guttoo, P. (2021, February) How to make mental health services accessible to Kent State students through an online platform. Presented at the LaunchNet competition, Kent State University
6. Guttoo, P., Owusu, I., Hollinstead, M., & Frank, J. (2019, August) Exploring the Mental Health Needs of the Adolescent Latinx/Hispanic Community. Presented at the Prevention Research Center for Healthy Neighborhoods, Case Western University
7. Guttoo, P. (2015, September) Personal and professional development as a cultural ambassador and recipient of Chancellor's Scholarship at University of the West of England. Oral presentation to the Office of International Students, and Dean.
8. Guttoo, P., Gopal, R. & Koolwant, B. (2013, December) HELLP (Hemolysis, Elevated Liver enzymes and Low Platelets) syndrome in a primigravida woman aged 32 years, with no medical history at Jawaharlal Nehru Hospital. Oral presentation at the

monthly medical seminars held at the University of Mauritius.

POSTER PRESENTATIONS

1. Mark, W., **Guttoo, P.**, Stanek, J.R., Pai, V., Rangarajan, H.G, Skeens, M.A. (2023, November). *Twice daily i.v. bolus tacrolimus infusion for GVHD prophylaxis in children undergoing stem cell transplantation*. Poster presented at Pediatric Transplantation and Cellular Therapy Consortium
2. Franklin, B., **Guttoo, P.**, Stanek, J.R., Pai, V., Rangarajan, H.G, Skeens, M.A. (2023, November). *Twice daily i.v. bolus tacrolimus infusion for GVHD prophylaxis in children undergoing stem cell transplantation*. Poster presented at Nationwide Children's Hospital Research Retreat
3. Skeens, M., Stanek, JR., **Guttoo, P.**, Patterson, V., Pai, V., Bajwa, R (2022, April). *A Retrospective Comparison of Tacrolimus Inpatient Variability Measures and Outcomes in Pediatric Hematopoietic Stem Cell Transplant Patients*. Poster presented at Nationwide Children's Hospital Research Retreat
4. **Guttoo, P.**, Stanek, J.R., Pai, V., Rangarajan, H.G, Skeens, M.A. (2023, May). *Twice daily i.v. bolus tacrolimus infusion for GVHD prophylaxis in children undergoing stem cell transplantation*. Poster presented at Pediatric Transplantation and Cellular Therapy Consortium
5. **Guttoo, P.**, Stanek, JR., Taylor, K., Stratz, E., Ardura, MI., Skeens, M., Rangarajan, H.G. (2022, October). *An Exploration of COVID-19 Impact and Vaccine Hesitancy in Parents of Pediatric Hematopoietic Stem Cell Transplant (HCT) Recipients*. Poster presented at Transplantation and Cellular Therapy Meetings of ASTCT and CIBMTR
6. **Guttoo, P.**, Stanek, J.R., Pai, V., Rangarajan, H.G, Skeens, M.A. (2023, May). *Twice daily i.v. bolus tacrolimus infusion for GVHD prophylaxis in children undergoing stem cell transplantation*. Poster presented at Pediatric Transplantation and Cellular Therapy Consortium
7. **Guttoo, P.**, Stanek, JR., Wang, M., Pai, V., Skeens, M., Rangarajan, H.G. (2022, April). *An Exploration of COVID-19 Impact and Vaccine Hesitancy in Parents of Pediatric Hematopoietic Stem Cell Transplant (HCT) Recipients*. Poster presented at Transplantation and Cellular Therapy Meetings of ASTCT and CIBMTR
8. **Guttoo, P.**, Stanek, JR., Taylor, K., Stratz, E., Ardura, MI., Skeens, M., Rangarajan, H.G. (2022, April). *An Exploration of COVID-19 Impact and Vaccine Hesitancy in Parents of Pediatric Hematopoietic Stem Cell Transplant (HCT) Recipients*. Poster presented at Transplantation and Cellular Therapy Meetings of ASTCT and CIBMTR
9. Skeens, M., Stanek, JR., **Guttoo, P.**, Patterson, V., Pai, V., Bajwa, R (2022, April). *A Retrospective Comparison of Tacrolimus Inpatient Variability Measures and Outcomes in Pediatric Hematopoietic Stem Cell Transplant Patients*. Poster presented at Transplantation and Cellular Therapy Meetings of ASTCT and CIBMTR
10. Smith, J., Jindra, R., Gairola, R., Guttoo, P., Spates, K. (2020, September). 'A Qualitative Exploration of Newly Resettled Congolese Refugee Women Beliefs on Family in the United States.' Presented at Kent State University Research Symposium
11. **Guttoo, P.**, Deave, T. (2015, September) *Does maternal mental health well-being during pregnancy affect child development on the Isle of Man?* Presented at Society for Reproductive and Infant Psychology Conference, University of Nottingham, UK.

VOLUNTEER EXPERIENCE

American Public Health Association (APHA) <i>Abstract Reviewer</i> Reviewed abstract submitted for the annual conference at APHA	March 2020 – November 2017 Curepipe, Mauritius
Rotary Club <i>Visiting Doctor</i> Conducted breast screening activities for females and raised awareness about cancer through campaigns	November 2017 - November 2018 Curepipe, Mauritius
Mauritius Amity League <i>Health Advocate, Visiting Doctor, Treasurer</i> Participates in organizing health-related awareness campaigns in different communities Involved in fund-raising activities, responsible for keep track of financial activities of the organization	January 2014 – Present
Jawaharlall Nehru Hospital <i>Member of Pre-Registration House Officer Association</i> Acted in the role of mediator between pre-registration house officers at the named hospital and other public hospitals in the country	January 2013 – January 2014 Rose Belle, Mauritius
Chattagram Maa-O-Shishu Hospital <i>Visiting student</i> Participated in clinic rounds and assisted in surgeries, deliveries and cesarean surgeries in the gynecological and obstetrics unit	June 2010 – July 2010 Chittagong, Bangladesh
Wuhan University <i>Member of International Students Association and African Continent representative</i> Acted in the role of mediator between international students at the Wuhan university for improving communication between the school offices and students and help students facing language issues to communicate with school officials about academic and personal concerns Facilitating on-boarding and adaptation of new international students Involved in organizing cultural events showcasing the cultures of different countries from the African continent and other countries. Peer leader responsible for supervising, mentoring, and serving as a resource (e.g., answering questions regarding academics, institutional, and personal problems and connected residents with appropriate resources) for international students	September 2006 - June 2011 Wuhan, Hubei Province, China

ADDITIONAL SKILLS

Programs: Data management and analysis in SPSS, REDCap, and Excel; EndNote; NVivo (qualitative transcription service); Epic (medical record system)

Trainings & Certifications: CITI Human Subjects Research for Nationwide Children's Hospital, Kent State University and Case Western University; Mandated Reporter training, Adult and Young adults' Mental health training

Statistical Trainings: Statistics Coursework, 4-week SPSS Primer Series, SAS

LANGUAGES

Languages: English, French, Hindi, Chinese (Basic: beginner's level), Creole

