

ICAP Next Generation Internships 2023



ICAP's Next Generation Program is a multidisciplinary training initiative that provides students with internship and fellowship opportunities focusing on global public health.

Through the Next Generation Program, students engage in the design, implementation, and evaluation of ICAP-supported programs while working side-by-side with global health experts. Students will learn about health care delivery systems in low-resource settings while working on discrete programmatic projects with ICAP team members. The Next Generation interns spend two to six months engaged in the design, implementation and/or evaluation of ICAP-supported programs in Africa, Asia, and New York under the mentorship of ICAP NY and/or country staff.

This opportunity is open to students enrolled in one of the following schools at the Columbia University Irving Medical Center Campus:

- The Mailman School of Public Health
- The College of Physicians and Surgeons
- The College of Dental Medicine
- The School of Nursing

Application Components

- 1) Complete application form ([Please see this link to the application form.](#))
- 2) Current resume (no more than two pages)
- 3) Statement of interest addressing a few key questions:
 - Why are you interested in global public health?
 - What are your goals for this internship experience?
 - What are your career goals?
 - What skills and experiences will you bring to ICAP?
- 4) One letter of recommendation

All application components should be submitted via the Qualtrics application in the link above. Letters of recommendation can be sent separately and directly from the recommender to icap-nextgen@cumc.columbia.edu or uploaded through Qualtrics. Applicants are responsible for confirming receipt of all materials.

All application components are due by Friday, February 24th, 2023, by 11:59 PM

You can find more information about the Next Generation Internship Program by visiting ICAP website at:

<https://icap.columbia.edu/student-resources-archive/internships/>

If you have any questions, please contact icap-nextgen@cumc.columbia.edu. You can also contact ICAP's Training and Education Program Coordinator, Krystina Jeron at kj2601@cumc.columbia.edu.

ICAP Next Generation Internships 2023

ICAP Intern Equity Initiative

ICAP continues to take active steps towards becoming an antiracist organization, through promoting health equity and working to undo the systems of structural oppression that create health disparities seen around the world. To this end, we are committed to developing a workforce that reflects the diversity of the populations with whom we work. To support the diversification of the global public health workforces and provide opportunities to students from underrepresented groups access to global opportunities, ICAP will provide interns with additional funding to support their practicum experiences. Selected students from underrepresented populations with financial need are eligible to receive additional funding to support their practicum experience.

Application

Interested applicants must **first apply for the ICAP Next Generation 2023 practicum program**. Students interested in the additional funding must provide demographic and socioeconomic information to be eligible for the additional funding. Application components includes:

- Complete application form ([Please see this link to the application form.](#)) where you will include:
 - Current resume
 - Statement of interest
 - One letter of recommendation

All application components are due by Friday, February 24th, 2023, by 11:59 PM

Candidates will be shortlisted for the additional funding and will be contacted by the recruitment team from ICAP.

For any questions about the additional funding opportunity, please contact icap-nextgen@cumc.columbia.edu. You can also contact ICAP's Training and Education Program Coordinator, Krystina Jeron, at kj2601@cumc.columbia.edu.

Project Offerings

International

The projects below allow for international travel to ICAP Country Offices and/or ICAP supported sites. ICAP follows all travel guidelines issued by Columbia University. If travel restrictions are implemented by the University, these projects will be made remote.

- Adolescent and Youth Programming in HIV Prevention in **Mozambique**
- PrEP Implementation and Evaluation for Vulnerable Populations in **Mozambique**
- Data Analysis and Manuscript Development in Rio de Janeiro, Salvador, or Sao Paulo **Brazil**
- The Diabetes Evaluation in TB Patients in Eswatini for Improving TB/HIV Care and Treatment Project (DETECT) in **Eswatini**
- Data Analysis and Centralization in **Dominican Republic**
- Research and Manuscript Development in **Lesotho**
- Promoting HIV Testing and Linkage to Care in Cross-Border Migrants (LeMIST) in **Lesotho**
- PrEP Implementation and Evaluation in multiple countries in **Central America**
- Reaching Impact, Saturation, and Epidemic Control (RISE) in **Burundi**
- Project SHINE! – Health policy to action for adolescents in **Sierra Leone**

U.S.-Based Domestic/Remote

The projects below are remote or US-based. Students will be expected to engage with the projects virtually or in-person in New York.

- HIV Prevention Trials Network (HPTN) and COVID-19 Prevention Network (CoVPN) in **Harlem, New York City**
- SARS-CoV-2 Impact on Lives and Views of Elderly Residents (SILVER study)
- Patient-Provider PrEP Dyadic Analysis of Qualitative Interviews
- Contraceptive Use Among Adolescent Girls and Young Women in Sub-Saharan Africa
- The Diabetes Evaluation in TB Patients in Eswatini for improving TB/HIV Care and Treatment Project (DETECT) Qualitative Data Analysis

International Practicum Opportunity: Adolescent and Youth Programs in HIV Prevention in Mozambique



Mentors: Cassia Wells, Senior Technical Advisor, and Erin Homiak, Program Director

Internship Focus HIV, Tuberculosis, Diabetes Mellitus, evaluating and monitoring a research study, qualitative data collection.

Duration 3 months- June to August

Location: Mozambique

Required Skills

- Working proficiency Portuguese or fluency in Spanish

Preferred Skills

- Interest in or experience with MCH or pediatric/adolescent HIV services

ICAP in Mozambique

ICAP in Mozambique provides comprehensive support at national and subnational level to HIV prevention and care and treatment programs and programs related to it, such as TB/HIV, Maternal and Child Health (MCH) and Prevention of Mother to Child Transmission (PMTCT). Mozambique has been targeting adolescent and young people to ensure access to HIV prevention and care and treatment, aiming to reduce new infections and improve health outcomes (treatment access, continuation, and viral suppression). As part of ICAP's package of activities and interventions, ICAP is reviewing its adolescent support groups and services provision. The intern would work in close collaboration with the MCH team to review and redesign strategies and tools to improve access and continuation in health services for this subpopulation and develop a M&E framework to monitor key indicators and allow for its proper evaluation.

Intern Activities

Intern activities include but are not limited to:

- Review strategy Standard Operating Procedure (SOP), support material and tools/registers
- Visit to the health facilities in coordination with ICAP team to participate in one of the group's meetings, discuss with clinical and lay staff involved in the groups' implementation
- Joint visit and review of strategy tools and indicators with ICAP MCH and SI teams to understand data flow and existing sources
- Meetings with provincial and central level teams to understand the strategy objectives and key areas to monitor to assess results, to inform tools revision and protocol development
- Revise the current tools in collaboration with the in-country mentor
- Develop a protocol for publication in collaboration with the in-country and NY mentor

ICAP Next Generation Internships 2023

International Practicum Opportunity: Evaluations of PrEP implementation for vulnerable populations in Mozambique



Mentors: Harrison Kamiru, Associate Research Scientist, and Kátia Ngale Quinhas, Evaluations Director

Internship Focus: Evaluation of HIV program implementation

Duration 3 months- June to August

Location: Maputo, Mozambique

Required Skills

- Working proficiency Portuguese or fluency in Spanish

ICAP in Mozambique: Project Description

ICAP in Mozambique provides comprehensive support at national and subnational level to HIV prevention and care and treatment programs and programs related to it, such as TB/HIV and Maternal and Child Health (MCH) and Prevention of Mother to Child Transmission (PMTCT). The student intern would work closely with the Mozambique evaluations team to evaluate PrEP implementation programming. Evaluations would focus on PrEP implementation at national level to inform program implementation and priorities, identifying gaps and proposing key areas for focus to improve uptake and continuation on PrEP for at-risk population. The evaluation will analyze data to understand PrEP scale up process, stakeholder involvement, and lessons learned; Current demand creation statuses at central, provincial, and site levels; Facilitators and barriers to PrEP acceptability and access/uptake; Uptake, acceptability, and continuation rates per subpopulation and PrEP continuation rates. A second evaluation will assess the effects of multiplexing on Viral Load (VL) testing coverage and suppression for Pregnant and Breastfeeding women and children under 5 years old living with HIV. Additionally, this evaluation will analyze multiplexing device utilization, including the testing of HIV Exposed Infants (HEI). The multiplexing evaluation outcomes includes turnaround time for VL and early infant diagnoses; proportion of patient receiving testing results; Coverage of enhanced adherence counseling (EAC) among patients and timing of commencement of enhanced adherence counseling among non-suppressed patients.

Intern Activities

Intern activities include but are not limited to:

- Support evaluations of PrEP implementation at national level and effects of multiplexing on Viral Load (VL) testing
- Supporting early implementation of programming
- Monitoring data collection
- Supporting data cleaning and reporting

International Practicum Opportunity: Data Analysis and Manuscript Development in Brazil (Multiple Locations)



Mentor: Ines Dourado, Franciso I. Bastos
Senior Researcher and Professor, Maria
Amela Vera

Internship Focus: Data analysis, manuscript development

Duration 6 months- June to December

Location: Salvador, Rio de Janeiro, Sao Paulo
Brazil

Preferred Skills

- Portuguese/Spanish language abilities
- Basic knowledge of epidemiological data methods (STATA), quantitative/qualitative data analysis

ICAP in Brazil: Project Description

ICAP at Columbia University supports the development of research concept notes based on existing databases, data analysis and development of manuscripts for publication in country. Students from the Mailman School of Public Health (MSPH) will have a dedicated mentor in the Brazilian institution who will guide them on the data analysis and manuscript writing, ensuring that the work will be peer reviewed before submission for publication. To facilitate learning, students will also be paired with peer students from the Brazilian institutions to conduct their work. During this practicum, students will be offered data analysis and manuscripts writing workshops on how to produce high quality scientific products for publication.

Intern activities include but are not limited to:

- Visit various institutions and get to know the research team
- Learn about the projects conducted by the research group
- Select a dataset/topic to work with
- Develop a concept note
- Submit and get approval of the research protocol from the CU IRB
- Analyze the data and write a scientific manuscript

International Practicum Opportunity: The DETECT (Diabetes Evaluation in TB patients in Eswatini for improving TB/HIV Care and Treatment) Study in Eswatini



Mentors: Yael Hirsch-Moverman Assistant Professor in Epidemiology and Principal Investigator, and Altaye Kidane, Co-Investigator
Internship Focus HIV, Tuberculosis, Diabetes Mellitus, evaluating and monitoring a research study, qualitative data collection.

Duration 3 or 6 months- June to December

Location: Eswatini

Preferred Skills

- Interest in or experience working on TB- and HIV-related issues in resource-limited settings is highly desired.

ICAP in Eswatini: DETECT Project Description

HIV, tuberculosis (TB), and diabetes mellitus (DM) are major causes of morbidity and mortality globally. DM and prediabetes (preDM) are growing rapidly worldwide but 69% of persons living with DM in sub-Saharan Africa are unaware they have DM. Eswatini is an optimal setting to evaluate what proportion of TB patients are on the DM spectrum ([DMS], i.e., have DM or preDM), how their TB treatment outcomes compare to TB patients without DMS, and whether they vary by HIV status. The DETECT (Diabetes Evaluation in TB patients in Eswatini for improving TB/HIV Care and Treatment) study uses mixed methods to assess DMS prevalence and incidence as well as TB treatment outcomes in TB patients in Eswatini and explore the suitability of lifestyle management intervention strategies to facilitate TB treatment success and glycemic control.

Intern Activities

Intern activities include but are not limited to:

- Assist the in-country Study Coordinator with coordination of the multisite activities including monitoring and supervision of participant recruitment, lab data tracking, data collection, entry and management, and adherence to study protocol and standard operating procedures.
- Identify and assist with enrollment strategies, as needed.
- Transcribe and summarize qualitative in-depth interviews.
- Assist with the analysis of qualitative data.
- Work with the Informatics Lead in NY to ensure Survey CTO is current and accurate.
- Work with the study's Data Analyst to program and routinize data cleaning queries and reports.
- Review submitted data, identify inconsistencies in the data and alert Data Analyst and Project Coordinator, and help troubleshoot.
- Support analyses and preparation of conference abstracts and manuscripts.
- Support preparation of final analytic dataset and codebooks.
- Contribute to the completion of routine ICAP and donor study reports, including supporting analyses, preparing tables and graphs and drafting narratives.
- Help plan and conduct stakeholder advisory group meetings to provide updates on study progress and discuss challenges and concerns.
- Other duties as assigned by Study Coordinator, Project Coordinator, or Investigators.

ICAP Next Generation Internships 2023

International Practicum Opportunity: Data Analysis and Centralization in Dominican Republic



Mentor: Enrique Fernandez, Leader, Decision Support Center

Internship Focus: Data analysis and data quality improvement

Duration: 3 or 6 months- June to December

Location: Santo Domingo, Dominican Republic

Preferred Skills

- Native Spanish Speaker/Fluent
- Advanced R and Stats Knowledge / Python / Scale Data /SQL / Excel / PowerBi / Tableau/Powerpoint,
- Medical Health interest

ICAP in Dominican Republic: Project Description

This novel position would work to bridge existing gaps in data aggregation and would support the Dominican Republic's Ministry of Health and The Decision Support Center (DSC) in centralizing multiple health databases. The Decision Support Center (DSC) aims to increase data driven public policy decision making. DSC has started with the Health Sector, given the big improvement opportunities available with several workstreams open. The workstreams are finding good data on the Health Superintendence (SISALRIL) – health insurance systems, and the public hospital system.

One of the projects tackles the Program for High-cost Drugs (DMAC) access database to optimize the access of the patients to the program. The program has enrolled 13,000 patients nevertheless there are 7,000 waiting for recruitment with a limited budget. Some goals of the project include: developing a model to optimize patient-treatment cost, identifying, and forecasting diagnoses through past drug consumption in patients, according to world-class or medical board's recommendations, and quantifying the actuarial set-up.

Potential Deliverables:

- Medical supply consumption model for each of the illnesses simulated for different age and health risk brackets.

Intern activities include but are not limited to:

- To map out the high-cost drugs usage vs. the medical recommendations.
- To analyze the DMAC and SISALRIL databases to find relevant usage patterns.
- To make presentations and reports about the findings.

ICAP Next Generation Internships 2023

International Practicum Opportunity: LePHIA Manuscript Development in Lesotho



Mentor: Karampreet K. Sachathep, LePHIA Principal Investigator LePHIA 2020, and Felix Ndagije, Country Director, and Co-Investigator of LePHIA 2020

Internship Focus: Data analysis and publication of manuscripts

Duration 6 months- June to December

Location: Maseru, Lesotho

Preferred Skills

- Preferred MPH students in Epidemiology or Biostatistics

ICAP in Lesotho: Project Description

ICAP in Lesotho has provided technical assistance to the Lesotho Ministry of Health to conduct the Lesotho Population-based HIV Impact Assessment (LePHIA2020) survey to assess HIV prevalence, incidence, and access to HIV prevention, care, and treatment services. The Ministry of Health has expressed a need to work with ICAP in Lesotho to develop several manuscripts. The student intern will work on four to five manuscripts that ICAP and MoH will have identified, of which the student intern will be the primary author.

Intern activities include but are not limited to:

- Visit FCMSCSP and get to know the research team
- Learn about the projects conducted by the research group
- Select a dataset/topic to work with
- Develop a concept note
- Submit and get approval of the research protocol from the CU IRB
- Analyze the data and write a scientific manuscript

ICAP Next Generation Internships 2023

International Practicum Opportunity: Promoting HIV Testing and Linkage to Care in Cross-Border Migrants (LeMIST) in Lesotho



Mentor: Yael Hirsch-Moverman, Principal Investigator and Felix Ndagije, Co-Investigator

Internship Focus: Evaluations, data monitoring, collection, and analysis

Duration 3 or 6 months- June to December

Location: Maseru, Lesotho

Preferred Skills

- Experience with data analysis and creation of reports
- Experience in resource-limited settings

ICAP in Lesotho: Project Description

The Promoting HIV Testing and Linkage to Care in Cross-Border Migrants in Lesotho (LeMiST) study uses mixed methods to determine the best strategy for increasing testing and linkage to treatment rates in cross-border migrants. The study aims to determine preferences for confirmatory testing and treatment in cross-border migrants who report that HIV testing outside the facility is acceptable. In Phase I, we are conducting formative research to explore determinants of migrant health and to understand the barriers and facilitators to testing and accessing treatment or prevention in cross-border migrants, exploring preferences regarding location, types of services, and opportunities to use health services in South Africa. In Phase II, we will enroll eligible participants in a discrete choice experiment (DCE) on their preferences for confirmatory testing after self- or other community-based testing, and linkage to treatment.

Intern Activities include but are not limited to:

- Assist the in-country Study Coordinator with coordination of the multisite activities including monitoring and supervision of participant recruitment, lab data tracking, data collection, entry and management, and adherence to study protocol and standard operating procedures.
- Identify and assist with enrollment strategies, as needed.
- Transcribe and summarize qualitative in-depth interviews.
- Assist with the analysis of qualitative data.
- Work with the Informatics Lead in NY to ensure Survey CTO is current and accurate.
- Work with the study's Data Analyst to program and routinize data cleaning queries and reports.
- Review submitted data, identify inconsistencies in the data and alert Data Analyst and Project Coordinator, and help troubleshoot.
- Support analyses and preparation of conference abstracts and manuscripts.
- Support preparation of final analytic dataset and codebooks.
- Contribute to the completion of routine ICAP and donor study reports, including supporting analyses, preparing tables and graphs, and drafting narratives.
- Help plan and conduct stakeholder advisory group meetings to provide updates on study progress and discuss challenges and concerns.
- Other duties as assigned by Study Coordinator or Investigators.

ICAP Next Generation Internships 2023

International Practicum Opportunity: PrEP Implementation in Central America – Guatemala, Honduras, Panama, or El Salvador



Mentor: Cassia Wells, Senior Technical Advisor, and Ricardo Mendizabal, Central America Regional Director

Internship Focus: Program evaluation, data analysis, survey performance.

Duration 3 months- June to August

Location: Guatemala, Honduras, Panama, or El Salvador

Preferred Skills

- Spanish language experience highly preferred

ICAP in Central America: Project Description

Currently, ICAP in Central America is implementing Pre-exposure prophylaxis (PrEP) in 3 countries and will be supporting implementation in a fourth in 2023. This new intervention is showing a high acceptance rate, however, is important to evaluate the current implementation. Therefore, ICAP in Central America will be elaborating a process evaluation protocol to the donor. With this, both quantitative and qualitative evaluation will be done. The intern will support in qualitative interviews, as well as basic qualitative analysis, for health care providers and PrEP users.

Intern activities include but are not limited to:

- Review literature of qualitative assessments of PrEP implementation.
- Review instruments of collection and suggest changes.
- Make amendments to study protocol if needed
- Perform qualitative interviews to health care workers.
- Perform qualitative interviews to PrEP users.
- Perform qualitative analysis of interviews.

ICAP Next Generation Internships 2023

International Practicum Opportunity: RISE (Reaching Impact, Saturation, and Epidemic Control) Project in Burundi



Mentor: Jennifer Zech, Senior Project Manager, and Fornice Hatungimana, Pediatric/PMTCT Lead

Internship Focus HIV epidemic control, optimizing health systems and health systems strengthening, quality improvement

Duration 3 months- June to August

Location: Bujumbura with frequent visits to Ngozi and Gitega, Burundi

Preferred Skills

- French language and comprehension
- Proficient in Excel

ICAP in Burundi: RISE Project Description

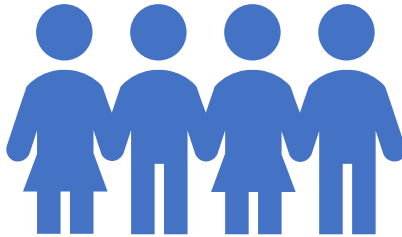
RISE is a five-year global project funded by the U.S. President's Emergency Plan for AIDS Relief (PEPFAR) and the U.S. Agency for International Development (USAID). RISE works with countries to achieve a shared vision of attaining and maintaining epidemic control, with stronger local partners capable of managing and achieving results through sustainable, self-reliant, and resilient health systems by 2024. Through RISE-Burundi, ICAP is providing the overall operational and program leadership as well as technical direction across the 1st, 2nd and 3rd 95's and the Strategic Information efforts. RISE-Burundi works in eight Provinces. RISE supports 188 health facilities and focuses on closing the performance gaps across the HIV clinical cascade and maintenance of program achievements. As part of Burundi's national strategy to eliminate HIV transmission from mothers to their children, the ICAP RISE project launched the mentor mother program in January 2022 with a training exercise. The program pairs HIV-positive women who have experienced having a baby with the disease had babies after their diagnosis (mentor mothers) with other women in similar situations. The mentor mothers are also paired with nurses and midwives from PMTCT facilities to support pregnant and breastfeeding women with treatment adherence, continuity of treatment, monitoring viral load count, and early infant HIV diagnosis. The mentor mother program is currently implemented at 25 health facilities.

Intern Activities

Intern activities include but are not limited to:

- Develop the evaluation methodology for focus groups, structured questionnaire and data abstraction
- Develop the data collection tools
- Conduct the evaluation
- Analyze the data
- Write the evaluation report

International Practicum Opportunity: Project SHINE! – Health Policy to Action for adolescents in Sierra Leone



Mentors: Jennifer Zech, Senior Program Manager & Eric Ikoona, Technical Director

Internship Focus: Program implementation and evaluation

Duration: 3 months, June-August

Location : Freetown, Sierra Leone

Preferred Skills

- Previous international experience preferred

ICAP in Sierra Leone: Project SHINE! Description

Project SHINE! is a one-year policy-to-action project in Sierra Leone, partnering with the government to create and test a scalable wraparound health services solution for preschool children aged two-to-six years and their families. The project's goals are to test the acceptability and feasibility of our solution and develop a blueprint for implementation at scale. Three core activities will lead to achievement of these goals: 1) Policy-level technical assistance to the education and health ministries; 2) Development of the solution, to include preschool-based health services, household health visits, and a teaching garden, plus linkage to health services and nutrition support; 3) A nine-month demonstration project at the Our Lourdes Preschool in Port Loko district. Project SHINE! is led by Professor Elaine Abrams of the Mailman School of Public Health and Dr. Mame Awa Toure, ICAP's Country Director in Sierra Leone.

The intern will support the implementation and evaluation activities of the demonstration project.

Intern activities will be defined based on project life cycle but may include:

- Day-to-day support of project implementation activities
- Monitoring project implementation
- Reviewing national policy documents
- Supporting revision of SOPs and job aides

ICAP Next Generation Internships 2023

U.S.-Based Practicum Opportunity: HIV Prevention Trials Network (HPTN) and COVID-19 Prevention Network (CoVPN) in Harlem, New York City



Mentors: Nora Howell, Community Educator, Natasha Attawala, Data Manager, and Jason Carter, CRS Coordinator

Internship Focus: Study outreach, data management

Duration 3 or 6 months- June to December

Location: Harlem, New York City

Preferred Skills

- Experience with community-based research and/or community organizing.
- Experience working with diverse communities and in the Harlem community

ICAP Harlem Prevention Center: Project Description

The Harlem Prevention Center seeks two student interns to support current and upcoming HIV Prevention Trials Network (HPTN), CoVID-19 Prevention Network (CoVPN), and industry sponsored clinical trials to advance innovations in disease prevention and treatment. Under the supervision of the Community Educator and/or Data Manager. Depending on student interest and site need, students will 1) contribute to the site's community engagement, education, and outreach efforts (i.e., assisting with building awareness, interest, and participation in clinical research initiatives of HPC, as well as working with HPC's outreach team to monitor and support recruitment and retention) or 2) assist with study implementation and perform data quality control and quality assurance activities according to study-specific procedures and site standard operating procedures.

Intern Activities:

During the practicum, one student will work closely with the community outreach team to support community outreach, education, and retention activities including but not limited to the following:

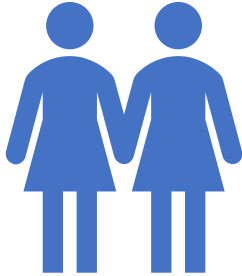
- Contribute to all aspects of recruitment including, but not limited to, identifying candidate pools to recruit from; conducting phone screens; assisting in developing recruitment material; reviewing potential participants to evaluate if they meet study requirements; coordinating recruiting initiatives; attending fairs for recruiting and promoting study recognition; and contributing to social media accounts.
- Contribute to the development and conduct of educational presentations for stakeholders and diverse groups representing prospective study participants.
- Contribute to the development and implementation of study participant retention efforts.
- Perform informal presentations about the studies conducted at Harlem Prevention Center at support groups or community-based organizations with the community outreach team.

- Attend outreach fairs and events as well as health symposiums related to the studies' target population with the community outreach team.
- Maintain professional behavior in non-traditional work settings (night clubs, public venues, informal gatherings, etc.).
- Attend weekly staff meetings to discuss progress of the studies involved and research related issues.
- Conduct all research activities in accordance with study protocol, standard operating procedures and other appropriate institutional regulations, procedures, and policies, including procedures to safeguard confidentiality of study participants.
- Other duties as assigned by the Site Coordinator and Investigators.

During the practicum, one student will work closely with the study team to support data management activities including but not limited to the following:

- Conduct data monitoring, quality assurance, and quality control on data collected for multiple studies, including:
 - Review eligibility criteria of screened study participants for enrollment, including review of eligibility case report forms, source documents and informed consent forms.
 - Assist with submission of study forms to the statistical and data management center.
 - Assist with prompt review of all data queries and their immediate resolution.
 - Identify problem areas with data collection, report findings to the project's leadership, and develop appropriate corrective measures with input from the team.
- Assist in summarizing data and preparation of presentations for scientific meetings.
- Develop research questions of interest utilizing available site data from completed studies to conduct analysis and create a poster presentation for final practicum deliverable.
- Attend weekly staff meetings to discuss progress of the studies involved and research related issues.
- Conduct all research activities in accordance with study protocol, standard operating procedures and other appropriate institutional regulations, procedures, and policies, including procedures to safeguard confidentiality of study participants.
- Other duties as assigned by the Site Coordinator and Investigators.

Remote Practicum Opportunity: Contraceptive use Among Adolescent Girls and Young Women in Sub-Saharan Africa



Mentor: Abba Greenleaf, Assistant Professor

Internship Focus: Data cleaning, data analysis, preliminary findings

Duration 3 or 6 months- June to December

Location: Remote

Preferred Skills

- Experience working with data, preferably STATA or R

ICAP Project Description:

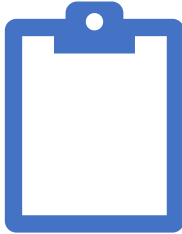
Adolescent girls and young women in sub-Saharan Africa have the highest rate of undesired pregnancies and HIV incidence (relative to other ages) but little is known about the dynamics of contraceptive use among this vulnerable age group because face-to-face data collection (the predominate data collection approach in sub-Saharan Africa) is too expensive and time-consuming to collect repeated measures. Therefore, contraceptive use patterns including contraceptive consistency is understudied. This study calls young women who participated in the third population-based HIV survey supported by ICAP in Eswatini, bi-weekly for 6 months to collect high frequency, longitudinal data about the circumstances surrounding adolescent girls and young women's sexual and reproductive health, creating actionable data for increased reproductive autonomy.

Intern activities include but are not limited to:

- Data management
- Data cleaning
- Basic analysis of data
- Review literature
- Write up results and conclusions

ICAP Next Generation Internships 2023

Remote Practicum Opportunity: Patient-Provider PrEP Dyadic Analysis of Qualitative Interviews



Mentor: Joanne Mantell PhD, Professor of Medical Psychology

Internship Focus: Qualitative Data Analysis

Duration: 6 months- June to December

Location: Remote

Preferred Skills:

- Experience in qualitative data analysis and Dedoose Software

ICAP Project Description:

In this study, 13 patients on pre-exposure prophylaxis and their healthcare providers were recruited to participate in qualitative interviews using the Einstein-Rockefeller-CUNY Center for AIDS Research's (ERC-CFAR) Clinical, Translational and Implementation Science Core's (CTISC) and the Epidemiology & Informatics Study Management Unit's (EISMU) HIV Clinical Cohort Database. The patient interview guide asked questions about their experiences with PrEP; factors that influenced their decision to use or discontinue PrEP; and their advice on how PCPs can better support potential or current PrEP patients. The goal is to elicit feedback on challenges, efficiencies, and burden to identify continuing system, staff, and user barriers.

The goals of this project are to develop a codebook, code the qualitative interviews, and develop matrix for the dyadic data. If the student is interested, he/she/they can participate in the preparation of a manuscript.

Intern activities include but are not limited to:

- Develop a code book for the patient and provider interviews
- Code 26 interviews
- Prepare summaries for each dyad
- Develop a matrix of the dyadic data

U.S. Based/Remote Practicum Opportunity: The Diabetes Evaluation in TB Patients in Eswatini for improving TB/HIV Care and Treatment Project (DETECT) Qualitative Data Analysis



Mentors: Yael Hirsch-Moverman, Assistant Professor in Epidemiology and Principal Investigator, and Joanne Mantell, Professor of Psychiatry

Internship Focus Qualitative data analysis

Duration: 8-10 weeks, VS&P Medical students, or 3-6 Months June-December MSPH students

Location: NY/Remote

Preferred Skills

- Interest in or experience with qualitative data coding analysis

ICAP in Eswatini: DETECT Project Description

HIV, tuberculosis (TB), and diabetes mellitus (DM) are major causes of morbidity and mortality globally. DM and prediabetes (preDM) are growing rapidly worldwide but 69% of persons living with DM in sub-Saharan Africa are unaware they have DM. Eswatini is an optimal setting to evaluate what proportion of TB patients are on the DM spectrum ([DMS], i.e., have DM or preDM), how their TB treatment outcomes compare to TB patients without DMS, and whether they vary by HIV status.

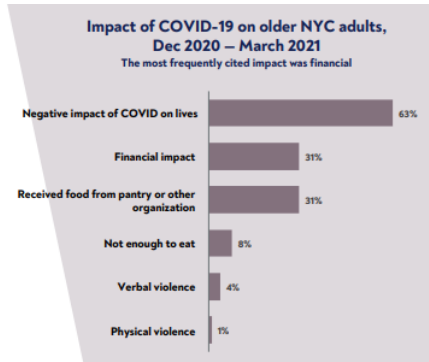
The DETECT (Diabetes Evaluation in TB patients in Eswatini for improving TB/HIV Care and Treatment) study uses mixed methods to assess DMS prevalence and incidence as well as TB treatment outcomes in TB patients in Eswatini and explore the suitability of lifestyle management intervention strategies to facilitate TB treatment success and glycemic control.

Intern Activities

During the practicum, the student will work closely with the New York-based study team to support analysis of DETECT in-depth interviews, including but not limited to the following:

- Transcribe and summarize qualitative in-depth interviews.
- Support preparation of final codebooks.
- Support qualitative analyses and preparation of conference abstracts and manuscripts.
- Participate in study team calls/meetings to discuss progress and findings.
- Collaborate on the development of manuscripts and presentations.

Remote Practicum Opportunity: SARS-CoV-2 Impact on Lives and Views of Elderly Residents (SILVER study)



Mentor: Abba Greenleaf, Assistant Professor

Internship Focus: data reporting, literature reviews, data analysis

Duration 3 months June to August

Location: Remote

Preferred Skills

- Basic proficiency with SAS, STATA, or R

ICAP Project Description:

The COVID-19 pandemic, caused by SARS-CoV-2, has resulted in over 1 million deaths in the United States, of which over 43,000 were reported from New York City (NYC). Older adults have been noted to be particularly vulnerable to infection as well as to experience higher morbidity and mortality from COVID-19. The *SARS-CoV-2 Impact on Lives and Views of Elderly Residents (SILVER study)* aims to collect comprehensive data about the effects of the COVID-19 pandemic on older NYC residents. The phone-based survey offers a simple and accessible approach to data collection from among the most vulnerable of NYC residents in the safety and convenience of their home.

The overall purpose of the study is to assess the impact of COVID-19 on the lives and well-being of elderly populations in NYC by conducting surveillance of their present experiences and insights during the COVID-19 pandemic with the goal of shaping an effective response to their needs. The primary objective is to estimate the prevalence of depressive symptoms.

Intern activities include but are not limited to:

- Analyzing data
- Study results reporting
- Conducting literature reviews
- Manuscript development
- Assist team with ad-hoc requests