ICAP Next Generation Internships 2017

Open to students enrolled in one of the following schools at Columbia University Medical Center:

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

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 staff. Students will learn about health care delivery systems in low-resource settings while working on a discrete programmatic, research or surveillance project with ICAP team members.

Application Process

- Email your statement of interest and resume to: icap-nextgen@cumc.columbia.edu by **February 1st, 2017**.

- Address the following in your statement of interest:
  1. Why are you interested in global public health?
  2. What are your goals for this internship experience?
  3. What are your career goals?
  4. What skills and experiences will you bring to ICAP?
  5. What is your desired start date?

- Place the internship code in the subject heading of the email. If you are interested in more than one internship, **please email only one statement of interest and resume, and note the internship codes of all projects of interest in order of preference**. Additional projects may become available after the application deadline and candidates may be considered for these projects if they are not offered the position of their choice.

*Start dates for all internships are flexible.

**Applications for internships based in New York and/or starting in January 2017 will be reviewed on a rolling basis.

Please visit our website http://icap.columbia.edu/student-center/internships/ for the most current internship postings and FAQ.

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Cameroon

1. **Global Nursing Capacity Building Program (GNCBP)**

Internship Code: CMR-1

Location: Yaoundé (Center region) and Douala (Littoral region), Cameroon.

Duration: 2-3 months, starting in June 2017

Project Description:
ICAP's Global Nursing Capacity Building Program (GNCBP) in Cameroon aims to improve the production, quality and relevance of nurses and midwives to address essential population health needs, including HIV and other life-threatening conditions. To accomplish this, ICAP is working to strengthen competency-based HIV care and treatment training and support programs for pre-service nurses and midwives and the capacity of nursing leaders to lead and support high-impact quality improvement initiatives. Achieving these objectives will build the capacity of nursing and midwifery student finalists to implement quality services post-graduation; improve the health and longevity of mothers and their children; and contribute to the U.S. President's Emergency Plan for AIDS Relief's (PEPFAR's) vision of an AIDS-free generation.

ICAP will continue to improve the quality of HIV services in 2017, by building the capacity of pre-service nurses and midwives from 16 nursing faculties in Yaoundé and Littoral regions on Prevention of Mother-to-Child Transmission (PMTCT), with emphasis on the recent WHO guidelines on the Test and Start approach.

Scope of Work:
The student will work closely with the Cameroon- and New York-based teams to support the project, including but not limited to the following:

- Assist with the planning and preparation of Training of Trainer (ToT) Workshops
- Assist with facilitation of ToT workshops
- Ensure proper documentation of pre- and post-test results of the workshops and the training in general
- Support development of a semi-annual report
- Support preparation of monthly updates for the donor
- Develop descriptive posters on the GNCBP Project
- Present the poster to the ICAP in-country program
- Support PEPFAR data entry into data management system

Desired Qualifications:
Minimum

- Excellent oral/written communication and interpersonal skills
- Flexible and able to adapt to new challenges and environments

Preferred

- Bachelor degree in Nursing
- Master's in Public Health with clinical background
- Working knowledge of French

2. **Support for Population-based HIV Impact Assessments (PHIA) Project in Cameroon**

Internship Code: CMR-2

Location: Yaoundé, Cameroon

Duration: 5-6 months, starting in June 2017

Project Description:
In partnership with the Centers for Disease Control and Prevention (CDC), ICAP is conducting Population-based HIV Impact Assessments (PHIAs) in up to 20 PEPFAR-supported countries. Each PHIA will define the status of the national HIV epidemic, guide global and local allocation of funding and resources based on evidence, and integrate capacity building of country stakeholders in the design, conduct, analysis, and use of PHIAs.

Scope of Work:
Reporting to the Lead Strategic Information (SI) Advisor, PHIA Project, the student intern will be responsible for supporting data management for the PHIA Project with a range of tasks, including reconciliation of map and household listing data files, testing of questionnaires and other survey tools on tablets, testing of laboratory data management applications, review of study instruments for consistency, development of standard operating procedures (SOPs), assisting with in-country training, field practice and survey monitoring activities, and preparation of reports and presentations for donors. The Lead SI Advisor will prioritize tasks and assignments for the student, who will contribute to the smooth operation of the PHIA Project and timely completion of important tasks.

The student will also perform additional duties for the project as needed, including but not limited to the following:

- Reconcile map and listing data files
- Test questionnaires and other survey tools on Google Nexus tablets
- Test laboratory data management applications

- Review study instruments for consistency (including language consistency, skip patterns and constraints in questionnaires)
- Support SOP development
- Supporting training activities, field practice and survey monitoring in country
- Assist with dataset cleaning and data management
- Conduct basic data analyses to help with survey monitoring
- Summarize data in written formats for donor reports
- Develop PowerPoint presentations
- Other duties as assigned

Desired Qualifications:
Minimum
- MS Word/Excel/PowerPoint proficiency
- Basic data analysis skills (preferably using SAS or STATA)
- Demonstrated writing skills: reports, presentations and/or protocols
- Excellent attention to detail and strong formatting skills using the Microsoft Office Suite

Preferred
- Understanding of public health, preferably including global HIV/AIDS
- Basic Geographic Information System (GIS) skills
- Experience using Open Data Kit software

<u>**Côte d'Ivoire**</u>

3. **Support for Population-based HIV Impact Assessments (PHIA) Project in Cote d'Ivoire**

Internship Code: CI-1

Location: Abidjan, Côte d'Ivoire

Duration: 5-6 months, starting in June 2017

Project Description:
In partnership with the Centers for Disease Control and Prevention (CDC), ICAP is conducting Population-based HIV Impact Assessments (PHIAs) in up to 20 PEPFAR-supported countries. Each PHIA will define the status of the national HIV epidemic, guide global and local allocation of funding and resources based on evidence, and integrate capacity building of country stakeholders in the design, conduct, analysis, and use of PHIAs.

Scope of Work:
Reporting to the Lead Strategic Information (SI) Advisor, PHIA Project, the student intern will be responsible for supporting data management for the PHIA Project with a range of tasks, including reconciliation of map and household listing data files, testing of questionnaires and other survey tools on tablets, testing of laboratory data management applications, review of study instruments for consistency, development of standard operating procedures (SOPs), assisting with in-country training, field practice and survey monitoring activities, and preparation of reports and presentations for donors. The Lead SI Advisor will prioritize tasks and assignments for the student, who will contribute to the smooth operation of the PHIA Project and timely completion of important tasks.

The student will also perform additional duties for the project as needed, including but not limited to the following:

- Reconcile map and listing data files
- Test questionnaires and other survey tools on Google Nexus tablets
- Test laboratory data management applications
- Review study instruments for consistency (including language consistency, skip patterns and constraints in questionnaires)
- Support SOP development
- Supporting training activities, field practice and survey monitoring in country
- Assist with dataset cleaning and data management
- Conduct basic data analyses to help with survey monitoring
- Summarize data in written formats for donor reports
- Develop PowerPoint presentations
- Other duties as assigned

Desired Qualifications:
Minimum
- MS Word/Excel/PowerPoint proficiency
- Basic data analysis skills (preferably using SAS or STATA)
- Demonstrated writing skills: reports, presentations and/or protocols
- Excellent attention to detail and strong formatting skills using the Microsoft Office Suite

Preferred
- Understanding of public health, preferably including global HIV/AIDS
- Basic Geographic Information System (GIS) skills
- Experience using Open Data Kit software

Ethiopia

4. Support for Population-based HIV Impact Assessments (PHIA) Project in Ethiopia

Internship Code: ETH-1

Location: Addis Ababa, Ethiopia

Duration: 5-6 months, starting in June 2017

Project Description:
In partnership with the Centers for Disease Control and Prevention (CDC), ICAP is conducting Population-based HIV Impact Assessments (PHIAs) in up to 20 PEPFAR-supported countries. Each PHIA will define the status of the national HIV epidemic, guide global and local allocation of funding and resources based on evidence, and integrate capacity building of country stakeholders in the design, conduct, analysis, and use of PHIAs.

Scope of Work:
Reporting to the Lead Strategic Information (SI) Advisor, PHIA Project, the student intern will be responsible for supporting data management for the PHIA Project with a range of tasks, including reconciliation of map and household listing data files, testing of questionnaires and other survey tools on tablets, testing of laboratory data management applications, review of study instruments for consistency, development of standard operating procedures (SOPs), assisting with in-country training, field practice and survey monitoring activities, and preparation of reports and presentations for donors. The Lead SI Advisor will prioritize tasks and assignments for the student, who will contribute to the smooth operation of the PHIA Project and timely completion of important tasks.

The student will also perform additional duties for the project as needed, including but not limited to the following:

- Reconcile map and listing data files
- Test questionnaires and other survey tools on Google Nexus tablets
- Test laboratory data management applications
- Review study instruments for consistency (including language consistency, skip patterns and constraints in questionnaires)
- Support SOP development
- Supporting training activities, field practice and survey monitoring in country
- Assist with dataset cleaning and data management
- Conduct basic data analyses to help with survey monitoring
- Summarize data in written formats for donor reports
- Develop PowerPoint presentations
- Other duties as assigned

Desired Qualifications:
Minimum
- MS Word/Excel/PowerPoint proficiency
- Basic data analysis skills (preferably using SAS or STATA)
- Demonstrated writing skills: reports, presentations and/or protocols
- Excellent attention to detail and strong formatting skills using the Microsoft Office Suite

Preferred
- Understanding of public health, preferably including global HIV/AIDS
- Basic Geographic Information System (GIS) skills
- Experience using Open Data Kit software

Kenya

5. Support for IPrEP Study

Internship Code: KEN-1

Location: Nairobi, Kenya. Travel to the field will be required.

Duration: 2-3 months, starting in June 2017

Project Description:
The National Institutes of Health (NIH) has funded IPrEP - a multi-component study designed to evaluate the effectiveness, acceptability, feasibility and cost-effectiveness of an evidence-based combination prevention strategy for young female sex workers (FSW) in Kenya. Qualitative formative research will be done as well as a series of feasibility and acceptability studies of interventions for prevention of HIV among FSW and their male clients. Economic analysis will also be done to inform use of interventions as part of efforts to curb the HIV epidemic in sub-Saharan Africa.

Scope of Work:
Formative work with FSW, their male clients, and health care providers will begin in March 2017. The student working on this project will assist with data cleaning and analysis of quantitative and qualitative data collected.

Desired Qualifications
Minimum:

- Experience with research
- Course work or work experience related to HIV prevention
- Experience performing data analysis using SAS and/or STATA
- Excellent oral/written communication and interpersonal skills
- Flexible and able to adapt to new challenges and environments

Preferred:

- International work/volunteer experience
- Experience performing data management and analysis
- Experience with qualitative analysis software(NVivo) highly desired

6. Support for HIV Linkage Rates Assessments Project

Internship Code: KEN-2

Location: Kisumu County, Kenya. Travel to the field will be required.

Duration: 2-3 months, starting in January 2017

Project Description:
In 2016, ICAP implemented specific activities to improve linkage and antiretroviral therapy (ART) initiation amongst newly-identified HIV-positive clients. This project utilizes existing aggregate data to: assess linkage rates for HIV-positive clients at the Jaramogi Oginga Odinga Teaching & Referral Hospital (JOORTH) in Kisumu, identify points of service with the lowest linkage rates, describe activities that were most successful in ensuring linkage and finally make recommendations to improve linkage.

Specific project deliverables will include:
- Analysis of HIV testing and counseling (HTC) linkage data

- Status report: Overall findings of the analysis; inter- and intra-facility linkage rates, linkage by point of service, time to enrollment in care, profile of clients not linked to HIV care within three months of HIV diagnosis, and description of activities implemented to support linkage and impact on linkage

Scope of Work:
The student will be expected to analyze and synthesis data from HTC and linkage registers/data base at JOOTRH and present results.

Desired Qualifications
Minimum:

- Experience with research
- Coursework or work experience related to HIV prevention
- Experience performing data analysis using SAS and/or STATA
- Excellent oral/written communication and interpersonal skills
- Flexible and able to adapt to new challenges and environments

Preferred:

- International work/volunteer experience
- Experience performing data management and analysis
- Experience with qualitative analysis software (NVivo) highly desired

Lesotho

7. **Support for the PROvide MIner-friendly SErvices for Integrated TB/HIV Care (PROMISE) Study**

Internship Code: LSO-1

Location: Maseru, Lesotho. Frequent travel to study sites in Maseru, Mafeteng and Leribe.

Duration: 5-6 months, starting in June 2017

Project Description:
The PROvide MIner-friendly SErvices for Integrated TB/HIV Care (PROMISE) Study is a mixed-methods implementation science study that aims to evaluate a miner-friendly intervention strategy to implement early antiretroviral therapy (ART) and concurrent isoniazid preventive therapy (IPT) for people living with HIV (PLHIV) with CD4 count >500 cells/µl in Lesotho. We will use a prospective cohort study design to evaluate the effectiveness of family-focused, integrated TB/HIV services for Basotho migrant miners and family members provided six days per week in miner-friendly service venues (MF), compared to public sector health facilities (PS), which will deliver usual integrated care for management of TB and HIV. We will measure two primary outcomes: 1) early ART initiation; and 2) IPT initiation; participants will be assessed at four time points: baseline, months 3, 6, and 9. Additionally, we will assess feasibility of the MF intervention strategy by measuring HIV testing yield to identify PLHIV with CD4 count >500 cells/µl, time spent accessing ART and IPT services, and costs associated with delivery of the MF intervention. We will also explore patients' and providers' perceived barriers, facilitators and preferences to understand how they impact uptake and delivery of the MF intervention. Furthermore, we will assess safety and tolerability of early ART and concurrent IPT among PLHIV with CD4 count >500 cells/µl.

Scope of Work:
The student will work closely with the Lesotho and New York-based study teams to support PROMISE, including but not limited to the following:

- Help provide trainings to study team about study standard operating procedures (SOPs), including participant recruitment and enrollment, participant interviews, completion of other follow-up data collection activities, and delivery of the interventions; mentor study team members around study implementation
- Help provide trainings to health care workers at MF sites about completion of intervention procedures and associated documentation
- Conduct monitoring and quality assurance on data collected for the study, including:
  - Reviewing paper forms for completeness and logic and issuing queries to research staff
  - Comparing data on paper forms with data entered into database, working with Research Assistants and Database Manager to resolve issues
  - Visiting study sites to ensure proper storage of data collection forms and intervention materials

- o Confirming eligibility of enrolled participants, including review of eligibility screening forms and informed consent forms
- o Observing participant recruitment, enrollment and data collection procedures as well as intervention procedures with research assistants at study sites
- o Reviewing intervention documents to ensure proper completion per study protocol
- Work with the Database Manager to maintain the bulk SMS messaging system and liaise with service providers to troubleshoot when necessary
- Work with Database Manager to maintain high quality, up-to-date study database
- Work with Data Analyst to create data reports
- Contribute to the completion of routine ICAP and donor study reports
- Help plan and deliver research capacity-building seminars for collaborators in Lesotho
- 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, Investigators or Project Coordinator

Desired Qualifications
Minimum:

- Current MSPH student
- Excellent oral/written communication, interpersonal, organizational and computer skills
- Flexible, open-minded and able to easily adapt to new challenges

Preferred:

- Experience living in sub-Saharan Africa or other resource-limited settings
- Background in international or U.S.-based monitoring & evaluation and/or implementation research
- Experience working on TB- and HIV-related issues in resource-limited settings is highly desired
- Proficiency in Microsoft Access databases
- Experience with data analysis software and creation of reports

<u>**Mozambique**</u>

8. **Support for Program Evaluation of ICAP Service Delivery Programs & Optimizing Monitoring & Evaluation (M&E) Systems in Mozambique**

Internship code: MZ-1

Location: Maputo City, Mozambique

Duration: 3 months, starting in June 2017

Project Descriptions:

1. **Program Evaluation:** Provide support on the development and implementation of program evaluations of ICAP service delivery programs to generate data for decision-making on future programmatic activities. Activities will include evaluation design, protocol and tool development, support for management and collection of baseline data, and assurance of collection of high quality data.

2. **Optimizing ICAP in Mozambique M&E Systems:** Support enhanced monitoring of ICAP's HIV service delivery programs in Mozambique to ensure programs are aligned with and making progress toward meeting UNAIDS's 90-90-90 targets. Activities would include identification and development of data visualization tools such as graphs, data dashboards and Geographic Information System (GIS) mapping, identifying and implementing mechanisms to strengthen internal routine data review and dissemination and optimize reporting to CDC, visualization and use of Site Improvement Monitoring System (SIMS) data, and improved monitoring of retention data. The student would also be expected to support capacity building of ICAP staff around routine data review and analysis, data visualization, and use of data for decision-making.

Scope of Work:
1. **Program Evaluation Support:** The student will be expected to provide support to the Strategic Information (SI) Director and NY-based SI team on the evaluation design and protocol/ tool development. The student would also be expected to support coordination of data collection and data management during implementation of the program evaluation.

2. **Optimizing M&E Systems:** The student will be expected to identify, present and implement specific ideas or methods for data visualization, improved monitoring of retention indicators and optimized internal dissemination and external reporting of data.

Desired Qualifications:
Minimum
- Skills and/or experience with database management and use of statistical software for data analysis
- Demonstrable knowledge of basic statistical measurements and descriptive statistical methods

- Portuguese or Spanish language skills

Preferred
- Demonstrable skills and/or experience with program evaluation methods and techniques, including evaluation design, protocol and tool development, and data collection and management
- Experience in M&E of HIV or other public health programs, including routine monitoring of programs or coordination of program evaluations
- Experience using DHIS2 or other aggregate data management platforms; experience with GIS or other data visualization tools
- Prior experience living or working in sub-Saharan Africa

New York

9. Support for PrEPared & Strong Study

Internship Code: NYC-1

Location: New York, NY

Duration: 2-3 months, starting in June 2017

Project Description:
PrEPared & Strong seeks to recruit Black men who have sex with men (MSM) and transgender women (TGW) for a study involving preventive treatment for HIV, Pre-Exposure Prophylaxis (PrEP). The study is being conducted in collaboration with Harlem United, which will offer medical services to participants. For those who are found to be HIV-uninfected, the study offers novel interventions to improve adherence to PrEP. The study will compare the effectiveness of an "enhanced" PrEP adherence package versus a standard PrEP adherence package, assess patterns and correlates of PrEP adherence, and monitor for changes in risk behavior among participants taking PrEP. The enhanced package seeks to combine education about PrEP with social engagement in the form of peer support and support groups in order to influence the ability to adhere to PrEP. In addition, the enhanced strategy will utilize SMS messaging reminders and social media support and information groups.

Scope of Work:
During the practicum, the student will work closely with the PrEPared & Strong team to support study implementation, including but not limited to the following:

- Greet potential and enrolled participants at the study site and navigate them through study procedures when needed
- Conduct eligibility screening procedures
- Assist in participant retention activities
- Maintain study files to ensure confidentiality and accessibility
- Assist in compilation and presentation of study data
- Participate in regular study meetings and trainings
- Assist in summarizing data and preparation of presentations for scientific meetings
- Perform other related duties as assigned

Desired Qualifications:
Minimum

- Excellent interpersonal, communication, and organizational skills
- Flexible, open-minded, and able to easily adapt to new challenges

Preferred

- Community-based outreach experience
- Experience conducting outreach in, or familiarity with, Gay/MSM venues and communities
- Experience working with diverse, medically underserved, high-risk populations and communities
- Demonstrated experience working in teams and independently, and exercising initiative and discretion when handling confidential information
- Demonstrated and successful experience managing multiple priorities under pressure
- Effectively maintains professional boundaries in diverse public settings
- Previous experience working with and employing recruitment and retention strategies in programs or research studies
- Knowledge of New York City communities of MSM

10. Support for Antibody Mediated Prevention (AMP) Study

Internship Code:
NYC-2

Location: Harlem Prevention Center, New York, NY

Duration: 5-6 months, starting in June 2017

Project Description:
The Harlem Prevention Center is participating in HVTN 704/HPTN 085, the AMP study, to test the antibody VRC01 against the HIV virus. The VRC01 antibody was developed by the Vaccine Research Center at the U.S. National Institutes of Health (NIH). The study is sponsored by the HIV Vaccine Trials Network (HVTN) and the HIV Prevention Trials Network (HPTN), and funded by the NIH.

HVTN 704/HPTN 085 is a phase 2b study to evaluate the safety and efficacy of VRC01 broadly neutralizing monoclonal antibody in reducing acquisition of HIV-1 infection. The study will enroll 3900 HIV-1–uninfected volunteers aged 18 to 50 years, including 2400 men who have sex with men (MSM) or with transgender persons (TG), and TG who have sex with men or TG in North and South America as well as 1500 women at risk of HIV-1 infection in sub-Saharan Africa. HVTN 703/HPTN 081 is a multicenter, randomized, controlled, double blind study. Participants will be randomly assigned to receive either one of two dosing concentrations of the VRC01 or a placebo control. Participants will be followed for 21 months of scheduled clinic visits; total estimated study duration is 57 months. Data are collected from participants by research counselors and study clinicians at study visits which occur monthly for a total of 26 scheduled visits over a period of 21 months.

Scope of Work:
Under the supervision of the Site Coordinator, the student will contribute to study implementation and data management, including quality control of study data and quality assurance activities. The student will work closely with the HVTN704/HPTN 085 team to support data management activities, including but not limited to the following:

- Conduct data monitoring and quality assurance on data collected for the study, including:
  - Review study case report forms, surveys, and source documents for completeness and issue queries to research staff
  - 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
  - Help the study team prepare IRB submissions and updates as needed
- Assist in summarizing data and preparation of presentations for scientific meetings
- Other duties as assigned by the Site Coordinator and Investigators

Desired Qualifications:
Minimum
- Excellent oral/written communication, interpersonal, organizational, and computer skills
- Flexible, open-minded, and able to easily adapt to new challenges

Preferred
- Experience working with research and data management is highly desired

11. Support for Safe Generations Plus Project

Internship Code: NYC-3

Location: New York, NY

Duration: 2-3 months, starting in June 2017 (earlier is possible)

Project Description:
The Safe Generations Plus project is an implementation science study that aims to understand how to improve retention in care and treatment services for HIV-positive pregnant women and their babies in Swaziland. The study will evaluate outcomes of patients who are lost-to-follow-up (LTF) under a new approach for prevention of mother-to-child transmission (PMTCT) called Option B+, where all HIV-positive pregnant women initiate lifelong antiretroviral therapy (ART) regardless of their disease stage. The goal is to understand the outcomes of patients who are LTF from care, and the reasons for disengagement from care in the context of PMTCT in order to inform efforts to improve retention in care among patients under Option B+.

Scope of Work:
The student will be expected to work with study investigators to identify a set of high-priority questions and then explore these questions through data analysis. The student will work with investigators to

develop table shells to help operationalize the analytic approach; conduct data analyses to develop these study results; and collaborate with the investigators to provide oral and written updates on progress. The student will share all codes, tables and descriptive interpretations used for the analysis with the study investigators.

The student will work closely with the Principal Investigator on data analysis for the study, including but not limited to the following:

- Summarize and compare reasons for patient disengagement from care at points throughout the PMTCT cascade
- Compare self-reported patient outcomes with outcomes collected from clinic records
- Use study data to quantify the impact of gaps in the Swaziland monitoring and evaluation system on routine measures of patient outcomes
- Explore the impact of using a "fuzzy matching" approach to classify patient outcomes
- Use data visualization approaches (i.e., heat maps) and tabulations, with accompanying descriptions, to summarize patient visit adherence and retention and interpret findings

Desired Qualifications:
Minimum
- Research experience and/or global health experience
- Expertise in quantitative data cleaning and management, data analysis, and data visualization using SAS, STATA, or other software

Preferred
- Experience with study monitoring (data quality assurance, adherence to protocol, etc.)

12. Support for Safe Generations Plus Project

Internship Code: NYC-4

Location: New York, NY

Duration: 2-3 months, starting in June 2017 (Earlier is possible)

Project Description:
The Safe Generations Plus project is an implementation science study that aims to understand how to improve retention in care and treatment services for HIV-positive pregnant women and their babies in Swaziland. The study will evaluate outcomes of patients who are lost-to-follow-up (LTF) under a new approach for prevention of mother-to-child transmission (PMTCT) called Option B+, where all HIV-positive pregnant women initiate lifelong antiretroviral therapy (ART) regardless of their disease stage. The goal is to understand the outcomes of patients who are LTF from care, and the reasons for disengagement from care in the context of PMTCT in order to inform efforts to improve retention in

care among patients under Option B+.

Scope of Work:

The student will be based in NY and available for weekly or bi-weekly meetings with the Principal Investigator (PI) and Study Coordinator. The student may also be asked to attend calls with the Swaziland-based study team. The student is expected to read all in-depth interview transcripts and develop summary tables of key findings to organize main themes with supporting data. The student is expected to develop a final presentation of the data in PowerPoint form and/or a written report with tables to summarize findings.

The student will work closely with the PI on qualitative data analysis for the study, including, but not limited to the following activities:

- Develop a foundational knowledge of PMTCT, Option B+, and the study protocol including investigators' hypotheses about study findings
- Review interview guides to determine key questions/topics the study is trying to answer
- Read all in-depth interview transcripts and process and record emerging themes to study staff, noting any deviations from anticipated findings
- Identify meaningful patterns and themes; summarize topics and supporting data in an organized table adding notes and insights
- Collaborate with study staff to validate findings
- Develop final presentation of data in PowerPoint and/or a written report with tables to summarize findings

Desired Qualifications:
Minimum
- Research experience and/or global health experience
- Expertise in qualitative data collection and/or analysis

Preferred
- Experience with implementation science
- Knowledge of PMTCT
- Experience using qualitative data analysis software

Zimbabwe

13. **Support for Strengthening Epidemiology and Strategic Information in the Republic of Zimbabwe under PEPFAR Award**

Internship Code: ZIM-1

Location: Harare, Zimbabwe

Duration: Either 2-3 months, starting in January or June 2017 or 5-6 months, starting in June 2017

Project Description:
ICAP is providing technical assistance to strengthen epidemiology and strategic information (SI) to inform evidence-based HIV programs and policy. Activities aim to support the Ministry of Health and Child Care (MOHCC) to plan and coordinate SI activities, improve monitoring and evaluation, and enhance surveillance systems to characterize the HIV epidemic and effectiveness of the response. The work also includes strengthening human resources to support country ownership of sustainable SI activities.

There will be two primary projects in 2017:
1. Men who have sex with men (MSM) integrated biobehavioral survey (IBBS)
2. Prevention of Mother to Child Transmission and ART Costing Evaluation

Scope of Work:
The student will be expected to fully participate in activities for the above projects, including but not limited to:

- The development of Standard Operating Procedures (SOPs)
- Programming of electronic data collection tools
- Implementation of field activities and/or data analysis
- Provide support on the Zimbabwe Population-based HIV Impact Assessment (ZIMPHIA) survey data analysis

It may be possible for the student to use the data for a thesis, pending necessary approvals.

Desired Qualifications:

Minimum
None

Preferred

- Experience performing data collection, management and analysis
- Experience supporting field activities such as developing SOPs