



Global Health Fellows

NORTHERN PACIFIC GLOBAL HEALTH RESEARCH
FELLOWS TRAINING CONSORTIUM

NOVEMBER NEWSLETTER

Genetics Research from a Global Health Perspective



...an alumni experience

After finishing the Global Health fellowship I have had many opportunities that allowed me to pursue a clinical research career. I have been currently working as an attending neurologist at *Instituto Nacional de Ciencias Neurologicas* in Lima, within the Neurogenetics division; this includes clinical practice and time for research activities along with my local mentor in Peru, Prof. Pilar Mazzetti. The service welcomes trainees with backgrounds in medicine and biology to acquire experience; many of these trainees conduct research projects which further allowed me to develop my abilities as a junior mentor.

With respect to research projects, we've had many intensive work hours preparing results and discussion for a Health Services research project that was presented at the 2013 meeting of the American Society of Human Genetics in Boston. While working in my main Fogarty research study within a community in Puno (located 3800 meters above sea level in the Peruvian highlands) we were involved in a health campaign, offering our expertise in neurological consultation. This experience was particularly challenging since we didn't have lab tests available just a limited supply of drugs and in many cases a translator was needed for native tongues that are spoken in that area.

I am currently preparing manuscripts from the work done during the fellowship, under guidance of my mentor Ignacio F. Mata, mostly related to genetics of Parkinson's disease in Latin-American populations. Together with the neurogenetics team, we are all developing a national network for neurogenetics training professionals from many regions within the country with the goal of improving health care for genetic conditions as well as training local professionals from Lima and Puno; both of which have been enabled to perform basic molecular biology techniques.

Vacations finally came and I spent a few days with family visiting my younger sister in Spain. I also started dancing in Marinera classes again. The dance group we had was mostly made up of neurologists, so we were known as the "Neuromarinera group!"

I realized that both, the scholar and fellow training through Fogarty Global health research training programs gave me an exceptional opportunity to start a clinical research carrier, as well as fill an important, unique and high impact niche as a neurogeneticist within Peru. The opportunity to interact with trainees also allows me to further motivate, share experiences, give career advice, and basically empower the researchers of tomorrow. With our sights on generating health policies to give a better quality of life to our patients, epidemiological and molecular research, I can safely say that the tools given to me during my fellowship have been important in all aspects of my work.

By: Mario Cornejo

Ask Globie



Q: Can I go to orientation in July 2014 as an alumni?

A: Abstracts for oral and poster presentations for the 2014 Orientation are available now. They will be due by December 15, so start writing your abstracts now!

Welcome to the Family

By: Nicole Hobbs & Rocky Oteng

"I hold that a strongly marked personality can influence descendants for generations."

- Beatrix Potter



A good training program should feel like an extended family and a good family always has its fair share of diverse personalities. Selecting new family members begins in January when we officially review all of the applications and it culminates when we finally meet our new adoptees at the July orientation. This year, I didn't have the chance to meet one of our new family members until the July NIH orientation and I was unsure of what personality to expect. When Rocky sauntered up to me with an infectious smile across his face and introduced himself on the first day of Orientation, I knew that he'd make a great member of our family.

Rocky joined our fellowship program through the University of Michigan where he completed his residency in the Department of Emergency Medicine. Despite training in the United States, Rocky always maintained his connection to his Ghanaian roots and in 2009 he helped form the Ghana Emergency Medicine Collaborative. The Ghana Emergency Medicine Collaborative is partnering with in-country agencies, universities, and governments to build sustainable and culturally appropriate local health infrastructures and medical training programs. To date, they have graduated seven Ghanaian physicians from the residency program, with 15 more physicians and 27 nursed currently in training.

He hopes that the Fogarty fellowship will equip him with the tools necessary to academically describe the work that he's done and hopes to do in the future. He writes: "I hope to use these tools to create awareness around a different approach to international health related work and also to show that the approach is effective, sustainable, and respectful." He wants other trainees to know that the fellowship offers a lot of opportunities and resources, but that it is only as useful as trainees choose it to be. He says that he's learning to ask a great deal of questions and to ask for help in areas where he is not well versed.

A few months prior to joining our Fogarty family, Rocky started a family of his own by marrying his wife Kristen. He is now learning the valuable lesson of how to balance a research career and a family and will be sure to seek out advice from our veteran Fogarty members.

Did You Know?

A documentary film crew was in Peru to capture **"A Day in the Life"** of a Fogarty trainee! The footage will be available in late December or early January!



Mario at San Marcos



Filming the Documentary

Upcoming Events



Featured Speaker: Bill Gates

David E. Barnes Global Health Lecture
December 2, 2013 at 11AM EST

The event also will be video cast at: <http://videocast.nih.gov/>

CUGH Global Health Conference

May 10-12, 2014
Washington, D.C.

Abstracts are due December 15!

Fogarty Mentor Lecture:

“Dengue Research”

December 16 at 9am PST
Dr. Eva Harris from UC Berkeley
(Online link will be available soon)

Fogarty Alumni Lecture: “The Global Impact of Non-Communicable Disease”

January 16, 2014 at 8am PST
Dr. Jerome Chin from UC Berkeley

In Case You Missed It

LECTURE:

Writing a K Award: Tips from a Reviewer

Presenter: Sheila Lukehart

Link: <https://courses.ucsf.edu/course/view.php?id=613>

Password: Fogarty2013

ARTICLE:

Addressing Ethical, Social, and Cultural Issues in Global Health

PLOS Neglected Tropical Disease
August 2013, Volume 7, Issue 8

Available on our website: www.fogartyfellows.org in the program access area!

CONFERENCE:

American Society of Tropical Medicine & Hygiene (ASTMH)

November 13-17, 2013

Link: <http://www.astmh.org/source/blog/archives.cfm/category/annual-meeting-2013>

STATA Tips from Thanh Ton & Frankline Onchiri

STATA's "**reformat**" command can be used to turn any STATA regression command's output into a table suitable for publication or reports. It uses variable and value labels to clarify the meaning of terms in the model.

*Example: Suppose we wish to evaluate correlates of FEV levels using linear regression in STATA. We will use prefix xi to let STATA know which variables are factor/categorical variables. We can run the command:

```
xi: regress fev age i.sex i.bmi
```

After running the regression command, we then use "reformat" to generate publishable table as follows:

```
reformat, output(nepc)
```

n=#observations, e=regression coefficients, c=confidence intervals, p=p-value

You can also use hyphen to separate bounds of CI as below:

```
reformat, output(nepc) to("-")
```

This commands works for all regression models: logistic, cox-proportional model, etc.

Congrats Anna!!



Anna Babakhyan was nominated for the **Young Investigator Award** at the ASTMH Conference!

Don't Forget!

Applications for the 2013-2014 fellowship are being accepted until **January 4, 2014!**

Applications will be accepted online at:
www.fogartyfellows.org/apply

Mentor Spotlight: Get to Know Diane Taylor



Diane W. Taylor, Ph.D.

Professor

Department of Tropical Medicine,
Medical Microbiology and Pharmacology
John A. Burns School of Medicine

Why do you like being a mentor?

I like being a mentor as mentoring gives me a chance to pass my experiences onto the next generation of scientists. It gives me a chance to share with them what field approaches and laboratory protocols have worked for me and those that have not. I enjoy suggesting to students that more than one conclusion can be drawn from their results and having them decide which conclusion is most likely to be correct. I particularly like watching the careers of young scientists develop over time.

What is your advice to trainees?

Spend as much time as necessary designing the study before you actually begin the research. Quite frequently new scientists want to get into the field or laboratory as soon as possible to start generating data. However, data from a poorly designed study may be useless or improperly controlled. Thus, I encourage students to spend a large amount of time thinking about all aspects of the study before starting the actual work.

What was your first (non-academic) job?

As an undergraduate I worked in a laboratory cleaning fish tanks and guinea pig cages.

What are your hobbies?

Growing orchids; gardening; quilting, especially Hawaiian-style, and taking long walks on the beach.

Funding Announcements



IHME Post-Bachelor Fellowship Program

The Institute for Health Metrics and Evaluation (IHME) at the University of Washington offers a Post-Bachelor Fellowship (PBF) program that combines a full-time professional position, academic research, and education with progressive on-the-job training and mentoring from a renowned group of professors. This program provides Post-Bachelor Fellows the option to pursue a fully-funded Master of Public Health degree at the University of Washington. **Application deadline is January 15, 2014.**

IAS, NIDA & ANRS Co-Sponsor New Round of Fellowships for HIV & Drug Use Research

The HIV and Drug Use Research Fellowship Programme focuses on the linkages between HIV and the use of drugs, such as alcohol, heroin and marijuana. The programme invites international applicants from diverse scientific backgrounds to propose research projects that have the potential to enhance scientific understanding of the HIV epidemic among drug users, the effectiveness of harm reduction interventions and the impact of substance use on HIV infection, treatment response and disease progression. 2 Prospective fellows are invited to submit their application through the online application form that will be available on the IAS website from 8 December 2013 until 10 February 2014 (until midnight CET). Applicants must design a research project related to HIV and drug use and are requested to choose a mentor in an institution different from their current institution, one who holds an established post for the duration of the fellowship and has a track record in research and training in HIV and drug use. **Application deadline is 10 February 2014, (until midnight CET).**

*For more information: Siân Bowen (Geneva, Switzerland) IAS Senior Manager
Phone: +41 22 710 0864, Email: Sian.Bowen@iasociety.org*

International Research Scientist Development Awards (IRSDA: K01)

The International Research Scientist Development Award (IRSDA) provides support and protected time (three to five years) to advanced postdoctoral (at least two years beyond conferral of doctoral degree) U.S. research scientists for an intensive, mentored research career development experience leading to an independent research career focused on global health. Applications are invited from biomedical, epidemiological, clinical, bio statistical, social and behavioral scientists in the formative stages of their research careers. **Application deadline is March 4, 2014.**

<http://www.fic.nih.gov/Programs/Pages/research-scientists.aspx>

Fogarty has Compiled a List of Non-NIH Funded Post-Doctoral Opportunities!

The link is: <http://www.fic.nih.gov/Funding/NonNIH/Pages/postdoctoral.aspx>

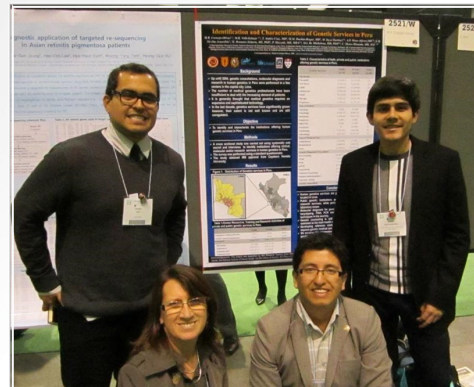
Adventures



Ondigo, Karen, Anna, and Cyrus at the MIM conference



Diane Taylor, Anna B., & Rose Leke at the ASTMH Meeting



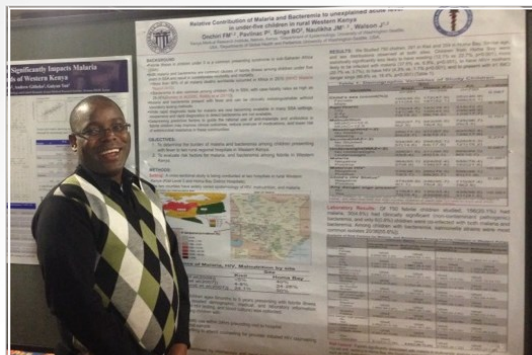
Mario Cornejo & the Peruvian Genetics Working Group in Boston, MA
American Society of Human Genetics Meeting



Lindsey Law in Uganda!



Nicole, Thanh, & Frankline in Nairobi, Kenya from May 2013



Frankline Onchiri presented his poster at the ASTMH Meeting



Molly McCoy & her family explored Peloponnese, Ancient Olympia, and Nafpliou!

Got News?

Email your submissions to **Nicole** at hobbsn@uw.edu