



# ANNUAL REPORT

2018



**SPARKMAN CENTER FOR  
GLOBAL HEALTH**

The University of Alabama at Birmingham

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The vision of the Sparkman Center for Global Health is alleviation of health problems in less developed countries by increasing public health capacity. This vision reflects the global nature of population-level health issues, the impact of health on human development, and the need for collaboration in resolving major health issues of our time.

The mission of the Sparkman Center is to contribute to solutions of health problems in developing countries through undergraduate and graduate-level public health education, research, and training programs.

<b>CONTENTS</b>	<b>PAGE</b>
<b>Introduction</b>	<b>3</b>
<b>International Initiatives</b>	<b>4</b>
<b>Research Enhancement</b>	<b>15</b>
<b>Educational Programs</b>	<b>15</b>
<b>Student Activities</b>	<b>19</b>
<b>Campuswide Activities</b>	<b>25</b>

# INTRODUCTION

## *Message from the Director*

Janet Turan, PhD, MPH was named the Interim Director of the Sparkman Center for Global Health on June 1, 2018. Dr. Turan is a Professor in the Department of Health Care Organization and Policy at the University of Alabama at Birmingham. Her research has focused on maternal and child health in low-resource settings of both developing and developed countries, including Kenya, Turkey, Jordan, Nigeria, Zimbabwe, Eritrea and the United States.



Since 1979, the Sparkman Center for Global Health (SCGH) has established itself as a pillar in global health by collaborating with institutions abroad and supporting graduate-level educational programs, training in public health, and global health research. The Sparkman Center's collaborations abroad have included Universidad Peruana Cayetano Heredia, in Lima Peru, Chiang Mai University in Thailand, University of West Indies in Kingston, Jamaica, Universidad del Valle in Colombia and the International Centre for Diarrheal Disease Research, Bangladesh (ICDDR). In 2007, the SCGH expanded its global vision by providing educational programs within the UAB university and health systems and the Birmingham area. The program expansion in 2007 was designed to foster the "Glocal" approach ("think global, act local"). The establishment of strategic partnerships with international and domestic academic institutions, government agencies, non-governmental organizations; and the inclusion of continuing educational programs and strengthening of global health research and evaluation capacity are essential to respond to global health challenges such as infant and maternal mortality, infectious diseases, violence against women and the growing burden of chronic diseases.

As the Director of the SCGH, my top priorities include promoting meaningful and lasting engagement of the UAB community in promoting global health and development. I believe we can make an impact by working collaboratively with people around the globe; and utilizing the knowledge, skills, and creativity of our faculty, students, and staff. I want to promote use of innovative and rigorous research and evaluation methodologies to assure we are selecting and using the strategies that will have the greatest impact on major global health challenges. I am excited about being given the opportunity to connect diverse people and resources for global health at UAB. I see a lot of passion and excitement around global health in the student body and I am excited about what this means for the future.

This Annual Report for 2018 describes our ongoing activities and the report is organized to be thematically similar to our prior reports. We appreciate your feedback and questions. Do not hesitate to contact us at [sparkmancenter@uab.edu](mailto:sparkmancenter@uab.edu).

Sincerely,

Janet M. Turan, PhD, MPH

Director, Sparkman Center for Global Health

Professor, Health Care Organization and Policy, UAB School of Public Health

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*

## Africa

### Zambia

<https://www.uab.edu/sparkmancenter/zambia>

- **School of Medicine, University of Zambia (UNZA SOM)**
  - The SCGH continued to support the **Zambian Moses Sinkala Zambia Scholarship** (<http://www.uab.edu/sparkmancenter/moses-sinkala-endowed-scholarship>) established in honor of the late Dr. Moses Sinkala, which provides financial assistance to UNZA students who demonstrate an interest in serving the public health needs of Zambia, as was a priority of Dr. Moses Sinkala. The 2018 recipients were Alick Bwanga whose research topic is H. pylori infections in patients with gastric perforation, Alfred Chanda whose research topic is evaluation of uterotonic activity of an extract of a traditional plant (*Azanza garckeana*) for possible medicinal use, and Henry Mwanza who is looking at the knowledge and practices around autism spectrum disorders in Zambia. Each received a \$2,000 award.



*Pictured Above from L-R are Craig Wilson and Moses Sinkala Research Awardees: Alick Bwanga, Henry Mwanza, and Alfred Chanda*

- Dr. Craig Wilson of SCGH worked closely with the SOM and Schools of Nursing and Public Health leadership to submit an application in response to the NIH Fogarty International Center (FIC) RFA called Health-Professions Education Partnership Initiative (HEPI). The UNZA HEPI program proposes to build capacity at UNZA and the partnering Mulungushi University School of Medicine and Health Sciences, a new health sciences school in Livingstone, Zambia. Proposed activities included enhancing health services research at UNZA, enhancing HIV specialist care at UNZA and MOH facilities, and develop interprofessional education training capacity at UNZA and MOH facilities. It will also build capacity for administering and supporting research activities within the universities. The initial proposal was not funded but a specific RFA for Zambia was released and responded to in December 2018 (notification of funding came in June 2019).

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*

## Zambia

<https://www.uab.edu/sparkmancenter/zambia>

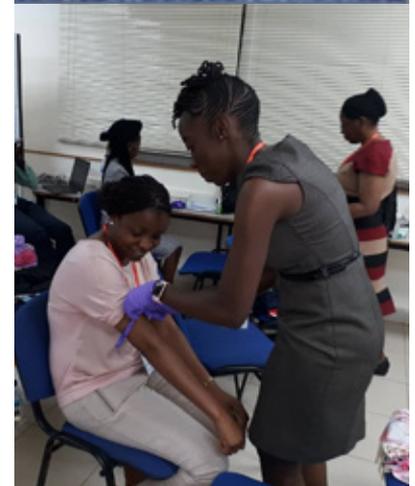
- **Centre for Infectious Diseases Research in Zambia (CIDRZ)**



- Continued connections and collaborations with CIDRZ leadership and UAB Faculty based in Zambia (Sikazwe, Reid, Vinikoor, Bolton)
- Sponsored two UAB Sparkman-CIDRZ Zambia 2018-2019 HealthCorps Fellows, Dr. Nsofwa Sukwa and Cynthia Phiri Mubanga. CIDRZ HealthCorps Health Research Training Fellowship provides an opportunity for early and mid-career public health professionals to receive one year long health practice training. CIDRZ Fellows gain hands-on experience in program and data management, analysis, and development in the areas of professional presentations and manuscripts. SCGH covered 50% of the fellowship costs (\$25,000 total for two fellows).

**Dr. Nsofwa Sukwa (Zambia):** Dr. Sukwa is a medical officer with a Bachelor of Science (BSc) in Biomedical Science, MBChB and MSc. Nutrition & Dietetics with particular interest in child health and nutrition. As a CIDRZ HealthCorps Fellow, Dr. Sukwa has been working with the Clinical Trials Group under the supervision of Dr. Roma Chilengi. Her focus areas are enteric diseases and vaccines research.

In her own words, The HealthCorps Fellowship was her first exposure to the world of research. During the fellowship, she had the opportunity to be part of the clinical trials team conducting vaccine trials at the George study site. One of the major highlights for her was the opportunity to oversee one of the rotavirus vaccine trials, and learning about the different steps that go into planning and conducting a clinical trial. She also learned a lot about how vaccines are developed and evaluated. The EDVRU team has a strong culture of mentorship and skills development and there is no shortage of learning opportunities. Apart from the day to day running of a clinical trials also had the opportunity to write and research proposal, prepare an abstract submission for the Rotavirus symposium and prepare a case series report. In the future, she would like to pursue a career in research. She is currently working on a new clinical evaluating a vaccine against Enterotoxigenic E.coli called ETVAX ® and hoping to enroll in a PhD program.



# INTERNATIONAL INITIATIVES

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**Cynthia Phiri Mubanga (Zambia):** Cynthia has a Bachelor of Science (BSc) in Biomedical Sciences from the University of Zambia and a Master of Science (MSc) in Infectious Diseases from the London School of Hygiene and Tropical Medicine. Prior to the fellowship, she worked as a laboratory scientist in the Virology Laboratory at the University Teaching Hospital. As a CIDRZ HealthCorps Fellow, she was attached to the Enteric Diseases and Vaccine Research Unit (EDVRU) headed by Dr. Roma Chilengi. This is a vibrant group of researchers that are conducting research on enteric pathogens, rotavirus, cholera, shigella, enterotoxigenic *E. coli* and salmonella), HIV and arboviruses. During the period of the fellowship, she learned about how to run a clinical trial and participated in the research activities at the clinical trial sites. Her role was mainly in the collection, processing and storage of specimens from clinical trial participants. She also had the opportunity to participate in the development and writing of the protocol for the ETVAX vaccine trial which scheduled to start in July 2019. This involved being part of the steering committee meetings and calls that were held fortnightly. She also had the privilege of going to Sweden for two weeks to go and learn some microbiology and immunology assays that I will have to set up for analysis of samples in the ETVAX trial. In October 2018, she traveled to India for 2 weeks, to get training on immunological assays that will be used in one of the rotavirus vaccine studies (ROVAS-2). In her own words, the fellowship has really helped to enhance her understanding of what is involved in clinical trial research and enhanced her research writing skills. She has been able to increase the profile of laboratory assays she is able to perform, including neutralization assays for rotavirus, ELISA for secretory IgA against rotavirus and enterotoxigenic *E. coli*, GM1 ELISA for ETEC, dot blot assays, ETEC colony PCR, ELISAs for arbovirus, vibicidal assays and basic sequencing techniques. Her fellowship resulted in an opportunity to study in the PhD in Immunology and microbiology. Her study will be nested on the ETVAX® vaccine trial which will be a single site, double-blind, placebo-controlled, age-descending phase 1 clinical trial that will examine the safety, tolerability, and immunogenicity of an oral inactivated ETEC Vaccine (ETVAX®) with dmLT adjuvant. She hopes to study the systemic B and T memory responses to the vaccine in children aged 6-23 months.

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*

## **Zambia**

<https://www.uab.edu/sparkmancenter/zambia>

- **Centre for Infectious Diseases Research in Zambia (CIDRZ)**
  - Expanded capacity for implementation of motivational interviewing (MI) to enhance adolescent focused care in HIV clinics across the HIV continuum of care. SCGH supported a training in MI done by Dr Sylvie Naar King and continued supporting development of staff through 2018. This started in 2017 and led to the submission of a UG3/UH3 proposal at the end of 2017 in response to an NICHD RFA to continue this work. This proposal was not funded but work is ongoing in this area.
  -  Dr. Cosmas Zyambo who was partially supported by SCGH from 2011-2018, completed his PhD in the UAB Department of Behavioral Sciences in Spring 2018. He subsequently was awarded an FIC Global Health Scholar post-doctoral fellowship in 2018 and was assigned to CIDRZ. This is the first FIC example of an international PhD student returning to their home country with support from an FIC postdoctoral fellowship.
- BongoHive (<https://www.bongohive.co.zm/>): Dr. Wilson of SCGH worked closely with programmers now located at BongoHive, which was started with SCGH support in 2011 and is now a sustained leader in ITC development in Zambia, to continue development of the SparkEd open source software (<https://www.uab.edu/sparkmancenter/elearning-tool-development>). This software was demonstrated at the eLearning Africa conference in Rwanda in October 2018 and further basic education projects have been initiated in Liberia and Djibouti. Version 2.0 of the SparkEd software was released in September 2018.

## **Ethiopia**

<https://www.uab.edu/sparkmancenter/ethiopia>

- **School of Medicine, Addis Ababa University**
  - Dr. Craig Wilson of SCGH worked with leadership to submit a Health Professionals Education Partnership Initiative (HEPI) application that has been selected for funding by the Fogarty International Center, National Institute of Health (grant number 1R25TW011214) in 2018. The HEPI program envisages to build institutional capacity at the consortium of local universities (AAU, Dilla University and Wolaita-Sodo University) in the application in areas of multidisciplinary team training, research training and mentorship in implementation science and qualitative methodology. It will also build institutions for administering and supporting research activities within the universities. The program will eventually be instrumental in facilitating team-based service delivery as well as contribute to the improvement of retention in rural areas of the full range of the health workforce required to address the prevailing double burden of communicable diseases and those of emerging non-communicable diseases. More information on this award is available at [https://projectreporter.nih.gov/project\\_info\\_description.cfm?aid=9673908](https://projectreporter.nih.gov/project_info_description.cfm?aid=9673908).

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*



*Pictured Above is the HEPI opening meeting with attendees from the Addis Ababa University, SCGH, Dilla University, Wolaita University and Emory University.*

## Ethiopia

(<https://www.uab.edu/sparkmancenter/ethiopia>)

- **Support Education (SupEd):**
  - Continued development and dissemination planning of the SparkEd-Ethiopia MOE collaborative resource for secondary/preparatory schools as well as grades 7/8 was supported by SCGH in 2018. This project is moving toward complete sustainability with Ethiopian federal and regional MOE support as well as support from UNESCO and local NGO's. The product was demonstrated at the eLearning Africa conference in Rwanda in 2018 and new regional partners were identified. Overall self-sustainability of the Ethiopia project was delayed with new regulations and license application processes for NGO's being developed in 2018. Guidance and regulations have now been released and approval and self-sustainability is expected in 2019. Local investors have been developed for in-country tablet and server assembly; prototypes have been developed and were tested in 2018 and again self-sustaining operations are expected in 2019.

## Kenya

- **Kenya Medical Research Institute (KEMRI)**
  - Dr. Turan, SCGH, has been collaborating with KEMRI on various research studies for the past 13 years. Several Sparkman fellows and other students have been sponsored over the past 3 years via Moses Sinkala travel scholarships to travel and conduct research at KEMRI. Multiple manuscripts have been published, including those co-authored by UAB students. In 2018, SCGH hosted multiple speakers from KEMRI at Sparkman seminars (see below under Sparkman Center Seminars). Additionally, SCGH sponsored two-week biostatistical training of Mr. Kevin Owuor from KEMRI and the Centre for Health Solutions-Kenya. In 2018, SCGH initiated the Memorandum of Understanding to formalize further collaboration between SCGH and KEMRI, including student travel opportunities and research initiatives.

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*

*Pictured Right from L-R are Dr. Janet Turan (SCGH), Dr. Lisa Abuogi (University of Colorado-Denver), Dr. Leslie McClure (Drexel University), Kevin Owuor (KEMRI)*



## Kenya

- **Maasai Conservancy:**

- SCGH sponsored a three-week training of Maggie Reiyia Koshal at The Southern Institute for Appropriate Technology (SIFAT) in May 2019. The first two week of training was completed alongside UAB students in May session. The intensive training focused on appropriate technologies, water and sanitation, food and nutrition, urban gardening, alternative energy, primary health care, micro-enterprise development, participatory community development, training of trainers, cross-cultural sensitivity training, and conflict resolution. Additionally, Mrs. Koshal visited Martin Luther King, Jr. National Historical Park as well as urban garden and other development urban projects in Atlanta, Georgia. Mrs. Koshal visited UAB and met with the SCGH staff and faculty from across UAB. Maggie is currently implementing solutions and approaches learned at SIFAT in her daily work in Kenya. In 2018, Maggie hosted and supported the UAB Education Abroad program in Kenya led by SCGH scholar from Social Work, Dr. Stacy Moak. Discussions about developing other educational opportunities for UAB students have been discussed during her visit to UAB. Maggie Koshal was born and raised in the Maasai community in Kenya.

Having witnessed firsthand the negative effects of the Female Genital Mutilation (F.G.M) practice, which includes early marriage and lack of an education, she has dedicated herself to ensuring she rescues and educations as many Maasai girls. Together with her husband, she founded Mara Learning & Development Centre in Maasai Mara, which is giving young girls from her village an opportunity to explore their potential. They also recently opened a conservancy adjacent to the world famous Maasai Mara known as Nashulai Mara conservancy, where she serves as the Family, Gender and Education Coordinator. She is passionate about mentoring and empowering women in her community since she strongly believes women are the back bone of the society and thus when you empower a girl, you empower the whole community.



*Maggie Reiyia Koshal (farthest right) pictured with UAB students and international community workers at SIFAT training in May 2019.*

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*

## Latin America and the Caribbean (LAC)

The UAB Sparkman Center for Global Health has supported notable efforts in the LAC region including supporting the development of a program in public health at the University of West Indies, Mona campus (Jamaica) and the Universities of West Indies, St. Augustine campus (Trinidad). In 2018, two commissioned reports were produced; one peer-reviewed manuscript was published; one scientific abstract was published; two scientific podium presentations were delivered; one outreach talk was given; five students were mentored; two grants were submitted to the National Institutes of Health / Fogarty International Center for scientific review, and one grant concluded.

### **Manuscripts and Commissioned Reports**

- Waters J, Budhwani H, Hasbun J, and Hearld KR. Estimation of Key Population Size of Men Who Have Sex with Men (MSM) and Transgender Women in Belize. Final Report, August 1, 2018.
- Waters J, Budhwani H, Hasbun J, and Hearld KR. Estimation of Key Population Size of Men Who Have Sex with Men (MSM), Transgender Women and Female Sex Workers in the Eastern Caribbean. Final Report, June 31, 2018.
- Budhwani H, Hearld KR, Milner A, Charow R, McGlaughlin E, Rosario S, Rodriguez-Lauzurique RM, and Paulino-Ramirez R. Transgender Women's Experiences with Stigma, Trauma, and Attempted Suicide in the Dominican Republic. *Suicide and Life Threatening Behavior*. 2018. 48(6): 788-796.

### **Published Abstract, Podium Presentations, and an Invited Talk**

- Hearld KR, Budhwani H, Rodriguez-Lauzurique RM, and Paulino Ramirez RA. 2018. Transgender Women's Alcohol Use and HIV High-Risk Behaviors in the Dominican Republic. *Annals of Behavioral Medicine*. 2018. 52: S747-S747.
- Hearld KR, Budhwani H, Rodriguez-Lauzurique RM, and Paulino Ramirez RA. Transgender Women's Alcohol Use and HIV High-Risk Behaviors in the Dominican Republic. *Society of Behavioral Medicine Annual Conference: New Orleans, LA*. 2018.
- Franklin SG, Hearld KR, Budhwani H, Vashi BG, Cataldo N, Hasbun J, Waters JG. Sex Workers' HIV Knowledge and Condom Use on the Border of Haiti and the Dominican Republic. *The Renowned McNair Scholars Program Colloquia*. Birmingham, AL. 2018.
- Budhwani H. Caribbean Research. *UAB School of Medicine Global Health Week*. Birmingham, AL. 2018.

### **Grants Submitted**

- R21TW011050 (MPI: Naar Budhwani, Hylton-Kong) Youth-Provider Communication Intervention to Reduce Stigma in Jamaica Fogarty International Center (FIC/NIH), A0 Score 39.
- R21TW011050 (MPI: Budhwani, Turan, and Paulino-Ramirez) Addressing Stigma via a Patient-Provider Intervention in the Caribbean Fogarty International Center (FIC/NIH), A0 Score 43.

### **Grants Concluded**

UNDP2017061414 (PI: Waters)

Using Respondent Driven Sampling (RDS) to Complete Size Estimations of Men who have Sex with Men (MSM) and Trans- Populations in Belize United Nations Development Programme (UNDP)

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*

## **Students Mentored on Caribbean Research**

- Sarah Franklin, McNair Scholar - Haiti and Dominican Republic (manuscript produced)
- Angela Chieh, EMSAP, SciTech - Stigma in the Caribbean (manuscript produced)
- Amber Altaf, Princeton University - Haiti and Dominican Republic (manuscript produced)
- Macarena Martinez, SCGH Fellow - Haiti and Dominican Republic (manuscript produced)

## **Jamaica**

<http://www.uab.edu/sparkmancenter/jamaica>

- Continued partnerships in 2018 with the following agencies: Jamaica AIDS Support for Life (JASL), Caribbean Vulnerable Communities Coalition (CVC), Eve for Life, and the University of the West Indies

## **Dominican Republic**

<http://www.uab.edu/sparkmancenter/dominican-republic>

- Continued partnerships in 2018 with the following agencies: Centro de Orientación e Investigación Integral (COIN), Caribbean Vulnerable Communities Coalition (CVC), and Universidad Iberoamericana (UNIBE)
- Enhanced partnership in 2018 with UNIBE, namely its School of Medicine through the renewal of a Memorandum of Understanding. Initiated partnership with the Servicio Nacional de Salud (SNS), the country's national health service.

## **Organisation of Eastern Caribbean States (OECS)**

- The OECS includes ten member groupings of islands including Leeward Islands: Antigua and Barbuda, St. Kitts and Nevis, Montserrat, Anguilla and the British Virgin Islands; and the Windward Islands: Dominica, St. Lucia, St. Vincent and the Grenadines and Grenada and Martinique. UAB Sparkman Center for Global Health supported activities occurred in six of these ten nations: Antigua and Barbuda, St. Kitts and Nevis, Dominica, St. Lucia, St. Vincent and the Grenadines, and Grenada.
- Continued partnerships in 2018 with the following agencies: Caribbean Vulnerable Communities Coalition (CVC) and the OECS Secretariat.
- Although funding from The Global Fund to Fight HIV/AIDS, Tuberculosis and Malaria concluded in 2017 to support the conduct of key population size estimates across the OECS, Drs. Budhwani and Hearld continued to support data analyses well into 2018.

## **Belize**

- Continued partnerships in 2018 with the following agencies: Caribbean Vulnerable Communities Coalition (CVC) and through the CVC, the Belize Family Planning Association (BFLA) and United Belize Advocacy Movement (UNIBAM)
- Continued assisting with prevalence population size estimates in vulnerable populations in Belize supported by United Nations (UNDP) funding.

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*

## Trinidad and Tobago

- Continued partnerships in 2018 with the following agencies: University of West Indies, St. Augustine campus
- Continued interest in developing D43 training grant applications for capacity building or traditional research grants being led by UAB

## Panama

- A group of UAB faculty and staff traveled to Panama City and Chitre, Panama from August 19-24, 2018. The visiting colleagues included Anna Helova, SCGH Program Director; Dr. Suzanne Austin, Senior Vice Provost & Senior International Officer; Dr. Lisa McCormick, Office of Public Health Practice, School of Public Health; Dr. Majd Zayzafoon, Assistant Provost, International Affairs, School of Medicine; Ms. Meena Nabavi, Office of Public Health Practice, School of Public Health. During this visit Anna Helova and the others met with University of South Florida (USF) Health Office – Dr. Arlene Calvo and Ms. Aracely Quintero – to facilitate future programs for UAB Students including the UAB Faculty-Led trip to Panama and Exploring Population Health for Summer 2019. As a result of this trip, two summer 2019 internship placements were opened by Sparkman in 2018. Other future plans include research and internship opportunities for undergraduate, graduate, and professional students, facilitated by the Sparkman Center for Global Health.



*Pictured Above from L-R are Aracely Quintero (USF Panama), Dr. Lisa McCormick (UAB SOPH), Dr. Majd Zayzafoon (UAB Medicine), Anna Helova (SCGH), Meena Nabavi (UAB SOPH)*

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*

## St. Lucia

- The UAB Sparkman Center for Global Health's Interim Director, Dr. Janet Turan and the Center's Director of Latin American and Caribbean Programs, Dr. Henna Budhwani visited Saint Lucia in September 2018 to support a two-day workshop on Tailored Motivational Interviewing (TMI) designed to improve rates of disclosure of high-risk behaviors (e.g., unprotected sex, sex work, etc.) in HIV and STI clinical settings across the island. Dr. Sylvie Naar, Endowed Distinguished Professor at Florida State University College of Medicine, developed the training. Mr. Maurice Bulls, with Behavior Change Consulting, facilitated the workshop with Dr. Naar. Workshop attendees included representatives of the Organisation of Eastern Caribbean States (OECS), Saint Lucia Ministry of Health, Saint Lucia Bureau of Education, AIDS Action Foundation, United and Strong, and Saint Lucia HIV and STI testing clinics. The Tailored Motivational Interview Implementation Toolkit can be found at this link [https://www.uab.edu/sparkmancenter/images/2018\\_St\\_Lucia\\_Toolkit\\_Final.pdf](https://www.uab.edu/sparkmancenter/images/2018_St_Lucia_Toolkit_Final.pdf)



## Asia

### Nepal

- Dhulikhel Hospital System and Kathmandu University: The SCGH continues to collaborate with these institution on research projects related to cancer, nutrition, and reproductive issues under the leadership of SCGH scholar Dr. Sadeep Shrestha. A new Memorandum of Understanding was initiated between the Kathmandu University and SCGH in 2018.

### Pakistan

- Using the Demographic Health Surveys data for the Islamic Republic of Pakistan, Drs. Budhwani and Hearld mentored a health services administration doctoral student on conducting maternal outcomes research using secondary analysis. One manuscript was produced.

#### **Manuscript Published**

- Hearld KR, Anderson J, Budhwani H. Examining the relationship between individual characteristics, community-level traits, multidimensional empowerment, and maternal health care utilization in the Islamic Republic of Pakistan. *Maternal and Child Health*. 2018. 22(9), 1319-1326.

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*

## Other Collaborative Engagements

### Cameroon

- Cameroon Baptist Convention Health System (CBCHS): In collaboration with Dr. Alan Tita (UAB Division of Maternal and Fetal Medicine), Drs. Turan and Budhwani have cultivated a research partnership in the area of maternal and child health outcomes that has immense potential to be further developed to secure extramural funding and to support student experiences in Cameroon. Due to the political unrest in Cameroon, we have been cautious about projects, thoughtfully considering benefit against risk. In 2018, in collaboration with the CBCHS, one manuscript was accepted for publication and one grant was submitted to the National Institutes of Health/Fogarty International Center for scientific review.

#### **Manuscript Accepted**

- Budhwani H, Hearld KR, Dionne-Odom J, Manga S, Nulah K, Khan M, Welty T, Welty E, and Tita ATN. HIV status and contraceptive utilization among women in Cameroon. *Journal of the International Association of Providers of AIDS Care*. Accepted in 2018.

#### **Grant Submitted**

- R01 (MPI: Tita and Enah)  
Mobile Medical Information Service via Telephone to Improve Pregnancy Outcomes  
EKS National Institute of Child Health and Development NIH/NICHHD),  
A0 Score 30

### Haiti

- Due to its proximity to the Dominican Republic, Dr. Budhwani and the CVC team continued in discussions about developing collaborative projects in Haiti. In 2018, Dr. Budhwani and colleagues published a study evaluating secondary data on prevention of mother to child transmission of HIV (PMTCT) in Haiti. Dr. Budhwani and colleagues (UAB and CVC) initiated a series of secondary analyses projects (to be completed in 2019, one manuscript under review) examining health and behavior of sex workers on the border of Haiti and the Dominican Republic. These preliminary data could produce sufficient evidence to support the development of an R34 application.
- Dr. Budhwani has developed scientific partnership with Drs. Donaldson Conserve (University of South Carolina) and Jasmine Abrams (University of Maryland, Baltimore County), both scholars with NIH-funded, HIV-prevention studies in Haiti.

### **E-Learning Tool Development and Dissemination**

<http://www.uab.edu/sparkmancenter/elearning-tool-development>

Interest in this area was/is driven by lack of textbook and library resources in most resource-limited areas. Lack of internet access especially in rural areas directed our interest in development of the eGranary resource as a primary tool. In addition, most health care worker training programs have nationally approved curriculum and thus could be organized and common resources identified.

# INTERNATIONAL INITIATIVES

*The Sparkman Center for Global Health (SCGH) has developed relationships in the following regions/countries:*

## Other Collaborative Engagements

### eGranary Tool Development (SeP: Sparkman eGranary Project)

<http://www.uab.edu/sparkmancenter/elearning-tool-development/egranary>

- Continuing to add content in areas of interest
- Established an agreement with eG developer to reorganize content onto a different platform
- Zambian and Ethiopian programmers with technical support from programmers at UAB developed a software program for organizing educational programs which was released as an open-source resource in October 2017 (<http://www.uab.edu/news/research/item/8777-new-software-makes-educational-materials-more-accessible-in-developing-nations>).

### SeP Zambia

- Developed a model for delivery of Secondary School content that was used to demonstrate the utility of model to the Ministry of Education in 2017
- Trained one associate on Moodle and now fully certified for local trainings
- Made connections with Family Legacy and facilitated sale of 192 World Computer Exchange refurbished computers to them for their educational programs.

### SeP Ethiopia

- Supporting a team for Ministry of Health and Education projects (<http://suped.org>); they have been trained by Zambian SeP team for local development of resources
- Completed pilot setups at two rural locations (Burayu in Oromia state and Chacha in Amhara state), with evaluation visits in December 2017 (<http://www.uab.edu/sparkmancenter/elearning-tool-development/elearning>).
- Agreements signed in 2017 to turn project over to Ethiopian MoE with support from donors
- Established connections for setting up tablet assembly in Ethiopia

### SeP Zambia collaboration with Vanderbilt University

- Dr. Bantayehu Sileshi at VU has GE Foundation funding for establishment and dissemination of a Nurse Anesthetists training program in 5 East African countries. SeP Zambia personnel completed resource development which was used in 2016/2017 academic period and is being further evaluated.



# RESEARCH ENHANCEMENT

## Pilot Projects

<https://www.uab.edu/sparkmancenter/news/384-sparkman-pilot-grant-funding-applications>

In a new initiative, the Sparkman Center will provide funding for internal UAB pilot grant applications that propose research projects, public health practice, and global health & development projects that support the Sparkman Center's mission of promoting health in less developed countries. The request for applications was posted in December 2018. A first application of a 2-page concept was due in February 2019, after which top applicants will be selected to submit a full application by May 1, 2019. We anticipate funding 3-5 applications annually, of up to \$20,000 each.

# EDUCATIONAL PROGRAMS

## Graduate Certificate in Global Health

<http://www.uab.edu/sparkmancenter/graduate-certificate>

This program is available to any student enrolled in a graduate program at UAB, with graduate level students outside of UAB enrolling either as non-degree seeking students or as professionals. Course offerings and instructors are driven predominantly by the interest of students and availability of qualified instructors. Funds are used for instructor and staff support and extra funds are then available for SCGH programs.

In 2018, 8 new students enrolled in the graduate certificate in Global Health Studies (GHS) to bring enrollment to 20. Of those newly enrolled, 5 were pursuing masters in public health, 2 were non-degree seeking students enrolling in the certificate, and 1 was pursuing a masters of education in community health. Four students graduated from the program - 2 in the spring semester and 2 in the summer.

## WHAT DO STUDENTS SAY?



**DAJAH SWINTON**  
MPH in Health Behavior

"I chose to complete the GHS certificate program because in the future, I would like to work with organizations in both the U.S. and abroad"



**KWAKU OSEI**  
PhD in Vision Science

"The most useful lesson I learned in the program is the management of NGOs (from GHS 611 International NGO Management). My NGO just got established in my home country, Ghana."



**ANNA LAYTON**  
Coordinated MPH/MSW

"I am interested in sustainable food & water systems to improve health. My favorite class by far was SIFAT! The course is highly practical, informative, and relevant."

# EDUCATIONAL PROGRAMS

Courses offered in 2018 included:

- **GHS 600 - Fundamentals of Global Health:** Mandatory core class for the GHS Certificate. This class introduces students to a broad understanding of global disease burden, trends, and demographic transitions that impact health worldwide.
- **GHS 604 - Infectious Diseases of Global Health Significance:** This course is designed to introduce participants to the basic biology, epidemiology, control and prevention of infectious diseases of global health significance, i.e., infectious diseases responsible for significant morbidity, mortality, and disability globally. The course focuses on case studies of successes and challenges in the control and prevention of these diseases.
- **GHS 605 - Disabilities and Global Health:** This course explores current paradigms and models for defining and categorizing disability based on various international agreements and documents. The causes of disability, global prevalence and relationship between poverty and disability are analyzed. The course examines issues and conditions that impact people with disabilities in resource-limited settings. This course also examines how local concepts and beliefs frame a society's perspective on disabilities and how this perspective affects the status of persons with disabilities globally.
- **GHS 606 - Critical Issues in Global Maternal and Child Health:** This course introduces students to thematic issues in advancing the health status of women, children and adolescents globally. Beginning with an overview of the global burden of disease among this population group, the course analyzes the causes and consequences of global inequity in MCH morbidity and mortality. The role of politics and power as well as the contribution of specific disease conditions and health systems factors, programs and policies will be examined. Progress and challenges toward achievement of MCH-related millennium development goals are analyzed.
- **GHS 610 - Refugee Health:** Throughout the history of global health, the movement of persons across regional and national boundaries has been linked to the evolution, transmission, and acquisition of diseases (communicable and non-communicable). The purpose of this course is to equip students with skills in analyzing the interrelationships between migration, refugee, and displaced status and health. The course analyzes the global health implications of population movements, forced migration, health concerns in emergency situations, health care in the post-emergency refugee camps, mental health of refugees and migrants, public health concerns in countries of resettlement, rebuilding communities after trauma and extreme stress, as well as equity and human rights as they apply to refugees and displaced persons.
- **GHS 611 - International NGO Management:** The course addresses issues for managers of NGOs primarily at the field level of operation with special emphasis on project management. It begins with the history of international organizations and their roles in aid, development, and human rights. It follows with the analysis of NGO organizational structure and function, roles and the responsibilities of various stakeholders at the macro and micro level. Project development, planning, implementation, and evaluation are addressed. Management principles and skills include budget preparation and staff/human resource management.

# EDUCATIONAL PROGRAMS

- GHS 429/430/629/930** - The Southern Institute for Appropriate Technology. The SCGH continues to sponsor and organize field courses (<http://www.uab.edu/sparkmancenter/field-courses>). The SIFAT experience(s) remained very popular. A one day field trip, a two-week May program, and a one-week August program were offered in 2018. This course is designed to give participants a better understanding of the major causes of world hunger and malnutrition and demonstrate specific appropriate technologies that can be used to combat hunger and malnutrition. It is meant to increase sensitivity to community development and cross-cultural issues and provide a learning atmosphere for adult participatory education, which includes engaged dialogue, critical thinking, and hands-on learning. Students visit Global Village, authentic homes built by people from all around the world (e.g. Nepal, India, Uganda, Bolivia), experience a slum simulation, learn about water purification systems and testing, build fuel-efficient cook stoves, experience urban gardening and preparation of fortified food, and much more.



*SIFAT, May 2018 2-week session: UAB students, international community workers, and SIFAT staff.*



*One-day trip to SIFAT, November 2018: UAB students, Anna Helova (SCGH), and Dr. Ela Austin (UAB SOPH Associate Dean for Academic Affairs)*

# EDUCATIONAL PROGRAMS



## Undergraduate Concentration in Global Health Studies

<http://www.uab.edu/sparkmancenter/undergraduate-concentration>

The SCGH remained involved with the development and delivery of courses in this track and SCGH was part of the Undergraduate Program Oversight Committee through the Fall Semester 2017 when the program was turned over to the Department of Healthcare Organization and Policy.

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## STUDENT ACTIVITIES

### UAB Global Health Case Competition

<https://www.uab.edu/sparkmancenter/case-competition/past-cases-and-presentations/2018-uab-case-competition>

The SCGH hosted the 9th annual UAB Global Health Case Competition (GHCC) at the UAB School of Public Health. Since 2010, the Sparkman Center has hosted the case competition annually as a means of engaging students in the complex questions that global health work presents. The 2018 UAB GHCC topic was "Road Traffic Injuries in Granada, Nicaragua: Prevention, Safety and Emergency Response." The competition consisted of 61 participants, 43 undergraduate and 18 graduate students, from eight UAB schools (SOPH, Business, College of Arts & Sciences, Dentistry, Engineering, Health Professions, Medicine, and Nursing). 12 teams competed for 1st place (\$1,500 cash prize), 2nd place (\$1,000 cash prize) and 3rd place (\$500 cash prize).

# STUDENT ACTIVITIES



2018 UAB GHCC Participants.



## 2018 Winners

1st Place: Angela Chieh, Jana Ford, Janaki Kher, Vidushi Sinha, Yu-An Yang

2nd Place: Bijal Vashi, Mohamad Moughnyeh, Sufia Alam, Oumou Diabate

3rd Place: Kane Agan, Alex Plazas, Khalid Freij, Kara Hofheins

## Statewide Global Health Case Competition

<http://www.uab.edu/sparkmancenter/2018-statewide-case-competition>



In 2018, SCGH hosted its second Statewide Global Health Case Competition and invited universities from areas around the state and their interdisciplinary teams of undergraduate students to represent their institution, including Alabama A&M, Alabama State University, Auburn University, Birmingham-Southern College, Jacksonville State University, Samford University, the University of Alabama (UA), and the University of Alabama at Birmingham. The 2018 Statewide Global Health Case topic was: "Challenges of slum life in Orangi Town, Karachi, Pakistan". A total of 61 undergraduate students, representing 12 teams, competed for 1st (\$1,500), 2nd (\$1,000) and 3rd (\$500) place prizes.

# STUDENT ACTIVITIES



*2018 Statewide GHCC Participants.*



## 2018 Winners

1st Place: Sufia Alam, Oumou Diabate, Janaki Kher, Alex Plazas, Vidushi Sinha, Bijal Vashi (UAB)  
 2nd Place: Danielle Goduto, William Jackson, Lakbira Sheffield, Theresa Stoddard (UA)  
 3rd Place: Brooke Adams, Kristen Homme, Erin McNeil, Destiny Montgomery, Alayna Pernell (UA)

## Emory Global Health Case Competition

[http://globalhealth.emory.edu/what/student\\_programs/case\\_competitions/2018\\_international\\_cc.html](http://globalhealth.emory.edu/what/student_programs/case_competitions/2018_international_cc.html)



Each year the SCGH sends a team of students to represent UAB in the Emory Global Health Case Competition (EGHCC). Emory University invites students from U.S. institutions and international universities to participate in its annual international case competition. The case competition focuses on a global health case and students are required to provide innovative recommendations/ solutions. In 2018, the SCGH sponsored a team of students to attend the 14th annual EGHCC in Atlanta, GA. The UAB team consisted of graduate and undergraduate students who were selected by the SCGH based on their performance in the UAB Global Health Case Competition. Each participating team, representing 24 universities, was tasked with developing strategies to address an infectious disease outbreak in Qatar prior to the 2022 World Cup.

# STUDENT ACTIVITIES

## 2018 Emory Global Health Case Competition Team

Name	Student level	Program, School
Kane Agan	Undergraduate	Public Health, School of Public Health
Angela Chieh	Undergraduate/Graduate	Neuroscience, College of Arts & Sciences/Fast-track Public Health, School of Public Health
Bright Chang	Doctoral	School of Dentistry
Junhi Chang	Undergraduate	Biomedical Engineering, School of Engineering; Physics, College of Arts & Sciences
Jana Ford	Graduate	Public Health, School of Public Health
Kara Hofheins	Graduate	Anthropology of Peace, Human Rights, College of Arts & Sciences

## Coverdell Fellowship Program for Returned Peace Corps Volunteers



SCGH supported Coverdell Fellowship programs in the SOPH. The SOPH recipient of the 2018 Coverdell Fellowship was Taylor Smalls (Belize Peace Corps), a graduate student in the Department of Health Care Organization & Policy. SCGH also regularly sponsors Peace Corps recruitment activities at UAB and the greater Birmingham area.

## Sparkman Fellows

<http://www.uab.edu/sparkmancenter/sparkman-fellows>

The Sparkman Fellows Program is intended for highly motivated and engaged UAB students seeking to enhance their understanding of global issues in a stimulating learning environment. Fellows will have the opportunity to engage with UAB faculty in a collaborative environment outside of the classroom, as well as be mentored by faculty in the Sparkman Scholars program. In 2018, fifteen fellows were selected, ranging from undergraduates to doctoral and medical students.



# STUDENT ACTIVITIES

## 2018 Sparkman Scholars/Fellows Mentor Match

Sparkman Fellows	Student level/School	Sparkman Scholars
Kane Agan	Undergraduate, School of Public Health	Dr. Robert Blanton, CAS
Jami Anderson	Doctoral, School of Health Professions	Dr. Janet Turan, SOPH
Bright Chang	Doctoral, School of Dentistry	Dr. Scott Irvine, SOM
Kennan Gawlowicz	Undergraduate, School of Public Health	Dr. Stacy Moak, CAS
Rozhan Ghanbari	Undergraduate, School of Public Health	Dr. Tina Reuter, CAS
Laura Gilmour	Graduate, Collat School of Business	Dr. Kristine Hearld, SHP
Wenyun Jiang	Graduate, School of Public Health	Dr. David Schwebel, CAS
Macarena Martinez	Graduate, School of Public Health	Dr. Henna Budhwani, SOPH
Megan Richard	Undergraduate, School of Public Health	Dr. Ann Gakumo, SON
Lyndsey Robinson	Graduate, School of Nursing	Dr. Lynn Nichols, SON
Shekwoya Samuel	Graduate, School of Public Health	Dr. Mirjam Kempf, SON
Shreya Saxena	Graduate, School of Public Health	Dr. Tolulope Aduroja, SOM
Jennifer Schusterman	Graduate, School of Public Health	Dr. Leandra Celaya, SHP
Wynton Sims	Graduate, School of Public Health	Dr. Pauline Jolly, SOPH
Catherine Toms	Graduate, School of Public Health	Dr. Pauline Jolly, SOPH
Bijal Vashi	Graduate, School of Health Professions	Dr. Jayme Locke, SOM

## Student Groups

<http://www.uab.edu/sparkmancenter/student-groups>

The UAB Sparkman Center for Global Health supports the following student organizations:

- The UAB Global Health Interest Group (GHIG) is a student organization that aims to raise awareness about global health issues and inspire students to take action. Membership is open to graduate and undergraduate students at UAB. Dr. Budhwani is the current acting faculty advisor. Megan Richard served as 2018 GHIG President. In 2018, the GHIG hosted multiple small awareness events and monthly organization meetings.
- Universities Fighting World Hunger aims to end hunger, poverty, and social injustices locally and globally through outreach events, fundraisers and informational sessions.

## UAB Scholarships



*Dr. Moses Sinkala*

The SCGH also selects recipients of the UAB Moses Sinkala Travel Scholarship <http://www.uab.edu/sparkmancenter/travel-scholarship>, established in honor of the late Dr. Moses Sinkala, which is designed to assist UAB students complete an international internship or research opportunity. During the 2018 calendar year, the Moses Sinkala Travel Scholarship recipients were:

# STUDENT ACTIVITIES

## 2018 UAB Moses Sinkala Recipients and Projects

Sparkman Fellows	Student level/School	Project
Jay Dasigi 	Medicine, School of Medicine	Epidemiology of Hepatitis B in Zambian communities (mentor: Dr. Michael Vinikoor)
Elena Gibson 	Public Health, School of Public Health; Medicine, School of Medicine	Tobacco cessation methods among individuals with HIV in Brazil (mentor: Dr. Isabel Scarinci)
Samantha Gonzalez 	Medical Psychology, College of Arts & Sciences	Cross-cultural study to predict parent-child aggression in Spain (mentor: Christina Rodriguez)
Doris Pu 	Medical Psychology, College of Arts & Sciences	Risk factors and personal resources contributing to intimate partner violence among both men and women in Spain (mentor: Christina Rodriguez)
Ajanet Rountree 	Anthropology of Peace and Human Rights, College of Arts & Sciences	Function and importance of the female experience in nonviolence discourse as it is related to the creation and maintenance of positive peace in Liberia (mentor: Dr. Tina Reuter)
Kathrin Zimmerman 	Public Health, School of Public Health; Medicine, School of Medicine	Pediatric neurosurgery pre-operative and post-operative care in Vietnam (mentor: Dr. Brandon Rocque)

### **Published research supported by UAB Moses Sinkala Travel Scholarship:**

- Mukerji, R. and Turan, J.M., 2018. Exploring Manifestations of TB-Related Stigma Experienced by Women in Kolkata, India. *Annals of Global Health*, 84(4), pp.727-735. DOI: <http://doi.org/10.29024/aogh.2383>

### **UAB School of Public Health Global Health Foreign Travel**

In 2018, the SCGH in collaboration with the SOPH Dean's Office created a new travel scholarship for UAB SOPH students, the UAB School of Public Health Global Health Foreign Travel

<https://www.uab.edu/sparkmancenter/travel-scholarship>, which provides travel funding for eligible SOPH students who are travelling internationally and attending an extracurricular academic/professional conference, training activity, Education Abroad program, or internship/practicum related to Global Health.

# CAMPUSWIDE ACTIVITIES

## UAB Global Citizenship

<http://www.uab.edu/sparkmancenter/global-citizenship-on-campus>

The UAB Campus Wide “Global Citizenship” Initiatives, Co-Chaired by Dr. Suzanne Austin, Senior Vice-Provost and Senior International Officer and Dr. Janet M. Turan, Director of the Sparkman Center for Global Health, continued to meet each semester to pull together representation from all schools on campus and functional units supporting international endeavors. This group created a task force to prepare the first UAB Global Strategic Plan planned to be completed in 2019 and implemented in 2020.

## Sparkman Scholars

<http://www.uab.edu/sparkmancenter/sparkman-scholars>

Sparkman Scholars are part of a recognized network of UAB faculty working in the areas of global health and development. This network aims to facilitate developing new collaborations with colleagues across campus, as well as making linkages with students interested in global health and development. Sparkman Scholars have the opportunity to serve as mentors to Sparkman[TJM1] Fellows[TJM2]. Many SCGH scholars get involved in the mentorship and judging of the Global Health Case Competitions. In 2018, SCGH scholars included faculty members from across UAB, including College of Arts and Sciences, School of Business, Education, Health Professions, Medicine, Nursing, Optometry, Public Health, and UAB Institute for Human Rights, and UAB INTO.

Geographically, SCGH scholars are active in Africa (Cameroon, Egypt, Ethiopia, Ghana, Kenya, Nigeria, Rwanda, South Africa, Swaziland, Tanzania, Uganda, Zambia, Zimbabwe), Europe (Czech Republic, Denmark, France, The Netherlands, Spain, Switzerland, Poland, Russia, United Kingdom), Latin America and Caribbean (Brazil, Colombia, Cuba, Dominican Republic, Haiti, Honduras, Jamaica, Mexico, Panama, Peru, the Andes Eastern Caribbean Islands), Asia and Middle East (Armenia, Bangladesh, Cambodia, China, India, Iran, Japan, Jordan, Lebanon, Nepal, North Korea, Pakistan, Philippines, Saudi Arabia, Sri Lanka, Taiwan, Thailand, Turkey, Vietnam), and North America Canada, United States).

SCGH scholars focus on a range of topics, including infectious diseases (HIV & AIDS, malaria, TB, hepatitis, HPV), cancer, mental health, immunology, cardiovascular disease, maternal and child health, violence and injury, transplants, aging, physical therapy, pain, agriculture, nutrition alcohol and tobacco consumption, neurosurgery, disabilities, alternative medicine, emergency medicine,; health care access and utilization, health systems, healthcare management, leadership, nursing, health care professional training and capacity building, workplace safety, health economics, health disparities and health equity, social determinants of health, social justice, education, community-based research stigma reduction; digital health, telemedicine, human trafficking, human rights, international relations, international politics and international law, peace studies and conflict resolution; and historical demography, historical ecology, ethnoprimateology, ethnohistorical research.

# CAMPUSWIDE ACTIVITIES

## New SCGH Scholars Appointed in 2018:



### **Eric Ford, PhD, MPH**

UAB School of Public Health, Health Care  
Organization and Policy

Geographic Experience: China

Focus Area: Improving organization and  
information management, healthcare management



### **Achala Gunasekara-Rockwell, PhD**

UAB INTO

Geographic Experience: Sri Lanka

Focus Area: Languages and cultures of Asia and  
improving educational opportunities in South  
Asian communities, especially among young girls  
and physically disabled children



### **Tina Kempin-Reuter, PhD**

UAB College of Arts and Sciences

Geographic Experience: Middle East and North  
Africa, Europe, Kenya, Peru

Focus Area: Human rights, ethnic conflict and  
conflict resolution, peace studies, international  
politics/law



### **Christina Rodriguez, PhD**

College of Arts and Sciences, Department of  
Psychology

Geographic Experience: Spain, Peru

Focus Area: Parenting, child abuse, intimate  
partner violence

# CAMPUSWIDE ACTIVITIES

## Sparkman Center Seminars

The Sparkman Seminar Series was initiated in 2001 to provide a forum for UAB faculty, staff, and students to present/discuss their global health research, training, educational, and/or service efforts. The seminar series highlights the existing global health expertise and interest at UAB, but also includes invited speakers from outside the UAB community. During the 2018, nine seminars were held. The seminar topics included:



**Pema Lhaki, NFCC Nepal**

"The paradox in perspective on menstrual isolation in Nepal"  
January 12, 2018



**Dr. Scott Irvine, UAB**

UAB School of Medicine  
"Emergency Care in Low-Income Countries"  
January 31, 2018



**Dr. Craig Wilson, MD**

UAB School of Public Health  
"Software to meet the challenges of no textbooks and poor internet in Zambia and Ethiopia"  
March 22, 2018



**Dr. Loretta Cormier, PhD**

UAB College of Arts & Sciences  
"Medical Anthropology and Global Health"  
April 11, 2018

# CAMPUSWIDE ACTIVITIES



**Dr. Jayme Locke, MD, MPH**  
UAB School of Medicine  
“A Career roadmap: Finding your passion”  
September 11, 2018



**Dr. Leslie McClure,  
PhD and Kevin Owuor**  
Drexel University and  
Centre for Health  
Solutions-Kenya “Design  
and Analysis of Cluster  
Randomized Trials”  
October 9, 2018.  
Co-sponsored with The  
UAB Center for AIDS  
Research (CFAR).



**Dr. Lisa Abuogi, PhD, MSc**  
University of Colorado-Denver, School of Medicine  
“Finding what works: Implementing science and  
capacity building to optimize HIV care in Kenya”.  
October 10, 2018



**Dr. Zachary Kwena, PhD**  
Kenya Medical Research Institute  
“Sexual behavior, networks and the risk of HIV  
infection among married heterosexual couples in  
the fishing communities on Lake Victoria”.  
October 30, 2018



**Dr. Candace Knight, PhD, RN, Dr. Julie Preskitt, PhD, MPH,  
MSOT, and Dr. Janet Turan, PhD, MPH**  
UAB School of Nursing and UAB School of Public Health  
UAB SOPH “Practice in Action Seminar. Home Visiting for Maternal and  
Child Health”.  
November 7, 2018.  
Co-sponsored with The Office of Public Health Practice and MCH SAGE.







# SPARKMAN CENTER FOR GLOBAL HEALTH

The University of Alabama at Birmingham



Contributing to the solution of  
health problems in developing  
countries through public  
health education, research,  
and training programs

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