



THE UNIVERSITY OF  
**CHICAGO**

**Center for  
Global Health**

## 2012-2013 Annual Report



## Who We Are

### Director

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### Clinical Director

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### CGH Faculty Steering Committee

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## Mission Statement

To collaborate with communities locally and globally to democratize education, increase service-learning opportunities, and advance novel, trans-disciplinary, and sustainable solutions to improve health and well-being while reducing global health disparities and inequities.

## Background

The University of Chicago's Center for Global Health (CGH) provides a unifying framework for students, staff, and faculty across the university with an interest in global health. CGH reinforces the University of Chicago's strengths in fields such as the humanities, life sciences, social sciences, medicine, public policy, and more. This interdisciplinary focus encourages innovative approaches to the numerous health challenges faced by people on the South side of Chicago and all over the world.



## Executive Summary

The University of Chicago Center for Global Health (CGH) is in its fifth year of operation and continues to make progress in its four focus areas: education, research, advocacy, and service. These activities have been guided by the CGH mission to collaborate with communities locally and globally, democratize education, increase service-learning opportunities, and advance novel, transdisciplinary, and sustainable solutions to improve health and reduce global health disparities and inequities.

In 2013, CGH continues to pursue a multidisciplinary approach to all its activities, adds partnerships on campus and abroad, identifies new funding opportunities, and increases its presence both within the university and beyond to meet its goals in the following areas.

**Multidisciplinary approach:** CGH continued to reach out to other university departments and affiliates to explore and increase collaboration on campus. To facilitate this process, CGH administered a university-wide survey to update our database of university faculty working in global health with the goal of tapping into their expertise implementing our programs. The database will serve as a resource for identifying partnerships in grant writing, teaching, research, training, service, and representation on global health issues. We also extended our reach to students through various campus events targeting students, and engaged the Pritzker School of Medicine, Harris School of Public Policy, and the School of Social Service Administration to explore future collaborations in developing innovative solutions to health problems.

**Partnerships:** In 2013, CGH developed new partnerships and strengthened old ones in accordance with its mission. We collaborated with Northwestern University, the University of Illinois at Chicago, The Center for Interdisciplinary Inquiry and Innovation in Sexual and Reproductive Health (Ci3) at the University of Chicago, and Save the Children to organize the *Chicago Goes Global* event which focused on discussing maternal and child health in low resource areas. We signed a new Memoranda of Understanding (MOU) with the Shanghai IBD and Shanghai Renji Hospital. As part of our outreach efforts, we are working to establish relationships with University of Sao Paulo Medical Center, University of Cape Town, University of Cape Coast School of Medical Sciences, and many more. CGH continues to play an active role in AORTIC where CGH's Director chairs the education and training committee. Through a new partnership with Susan G. Komen for the Cure, CGH is contributing to the Pink Ribbon Red Ribbon Alliance in Zambia and Tanzania. Partnerships with student groups on campus were reinforced with plans to engage them in CGH work as relevant.

**Fundraising:** We have been working systematically with the Alumni Relations and Development office, the Arete Initiative, and the Medical Center Development office to leverage the university's vast experience and reach in fundraising in order to respond adequately to the decline in funding opportunities. In addition, we collaborated with other departments on campus



to write joint research proposals and have actively engaged other departments and institutes within the university to explore opportunities for future collaboration on research grants.

**Raising our Profile:** We are increasingly aware of the need to participate in global health activities on campus, nationally, and globally and to raise CGH's profile amongst our peers and stakeholders. To this end, CGH has attended and sometimes participated in a number of activities organized by the Chicago Council on Global Affairs, as well as conferences organized by the International Women Associates (IWA) and co-organizing events with other universities and organizations. In addition, we have explored social media outlets and continue to update our Facebook, Twitter, and weekly news notifications.

## **EDUCATION:**

In accordance with the university's emphasis on scholarship and the belief that global health is a multidisciplinary field requiring expertise from a variety of sectors, the Center for Global Health has been working closely with the Biological Sciences Division, the Pritzker School, the Harris School, and the School of Social Service Administration, among others, to provide courses in global health as well as opportunities abroad that will enable practice and to gain firsthand experience of global health issues. Responding to students' interest, CGH met with The College leadership to create more opportunities for undergraduates to have hands-on international experiences that relate to global health. In addition, on-campus course offerings in global health have multiplied in the past year, as well as a new off-campus course in the College's Biology study abroad program in Paris.

### 1. The Pritzker Global Health Scholars Track

This program helps the Pritzker School of Medicine attract excellent students who have an interest in pursuing global health throughout their medical career. Directed by CGH executive committee members Drs. Brian Callender and John Schneider, the Global Health Scholars Track (GHST) is a comprehensive, four-year curriculum in global health that is integrated into Pritzker's Scholarship and Discovery curriculum. Recognizing that true competence in global health requires more than clinical skill, the GHST curriculum draws upon disciplines throughout the university and exposes students to other critical fields including epidemiology, biostatistics, economics, sociology, anthropology, law, ethics, and human rights. GHST combines didactic, seminar, clinical and research components with the goal of providing students with the skills to function more effectively in any global setting, working not only with individual patients, but with health systems and institutions.

As a component of the Scholarship & Discovery curriculum, students in the GHST are required to enroll in a track-specific elective during the spring quarter of their first year. Currently, the GHST offers two track-specific electives: Global Public Health, and Global HIV/STD and Community Outreach.



As student interest continues to grow, GHST is gaining visibility and interest from students and faculty on campus and from outside organizations. Pritzker was one of three medical schools with a global health track chosen to nominate a student to compete for the Gantenbein Fund Medical Fellowship through DACOR, an association of foreign affairs professionals based in Washington, D.C. Pritzker student, Jim Kim, was a finalist in the competition.

2. The Pritzker Summer Research Program global health cluster

Designed to provide students with field experience in global health, the program has seen an increase in participation by students involved in the scholars track program.

These students were given a short course to prepare them for working in a new setting and continued to receive mentoring through weekly Skype discussions while they were abroad from Drs. Sola Olopade, Brian Callender, and John Schneider. At the end of their program, all SRP students are required to present their findings at Pritzker’s Summer Research Forum.

Pritzker Medical Students – Summer Research Projects (MS1s)	Summer 2012	Nigeria: Claire Naus
		India: Rishi Pandya, Chad Hochberg
	Summer 2013	Nigeria: Catherine Trippe, Nathaniel Wilson
		Greece: Ashley Tsang
		India: Sammita Satyanarayan
		Bangladesh: Kathryn Marie Sullivan, Sarah Bradley, Sarah Feenstra
Ghana: Emily Bartlett		
Pritzker Medical Students – Global Health Scholars Track or Clinical Elective	2012	Nigeria: Liese Pruitt
		Nigeria and Ghana: Vadim Koshkin
		Chile: Rebecca Levine
	2013	Nigeria: Rishi Pandya

3. Educational programs with other schools on campus

In 2013, we continued to collaborate with other schools on campus to establish global health courses in their curriculum with the goal of providing global health opportunities to students in a variety of disciplines on campus. We are still working with GPHAP to establish a global health specialty in the certificate program. Responding to students’ interest, CGH has met with leadership from the college and is working to increase the number of hands-on global health opportunities for undergraduates at our partner sites abroad.

CGH-affiliated faculty across the university taught courses in global health in 2011. The success of these multidisciplinary courses indicates an interest in and continued expansion of global



health at our university. CGH is working with faculty affiliates to bring back some one these courses in the winter quarter of 2014.

***Introduction to Global Health Course (BIOS 29294), WINTER 2012***, taught by Dr. Sola Olopade and Dr. Funmi Olopade. Introduction to Global Health reviewed the major factors that influence the health of individuals and populations worldwide and provided a basic understanding of the complexities of global health. Students studied both broad and disease-specific global health challenges and strategies for responding to them; key institutions and stakeholders; environmental impacts on health; population health; maternal and child health; health and human rights; and international and legal frameworks within global health diplomacy. Discussions of ethical principles that underlie global health activities as well as the interdisciplinary nature of global health were emphasized throughout the course. This course was aimed at graduate-level students and 3<sup>rd</sup> and 4<sup>th</sup> year students with interests in global health who want to work in global health in resource-limited settings to bring creative and innovative solutions to health problems.

4. Global health promoted to a wide audience both on and off campus

Seminars, lectures, conferences, symposia, and special events were organized on campus to raise awareness, generate interest and serve as a learning platform for students and faculty on global health issues. These seminars were co-sponsored with other departments as a reflection of our mission to collaborate with partners within the university and outside.

**Global Health Day:** On October 22, 2012, CGH hosted a panel discussion for the community focusing on opportunities in global health for trainees and health professionals. We also invited Melanne Verveer, Ambassador-at-Large for global women's issues, to speak as the keynote lecturer. Ambassador Verveer spoke about global women's development and the importance of public-private partnerships. Select faculty and global health students were also invited to have an intimate question and answer private tea session with the Ambassador. As a result of the successful Global Health Day in 2012, another expanded Global Health Day is being planned for October 16-18, 2013.

**Chicago Goes Global:** In March 2013, together with Save the Children, Northwestern University, and University of Illinois at Chicago, CGH held a panel discussion with faculty from various fields to address maternal and child health in low resource settings. The discussion focused on the application of research into achievable policies. Panelists were professionals from a variety of areas, including Save the Children, Ci3, Department of Neonatology, and the Department of Pediatrics at the University of Chicago Medicine.

**Health in Cities Conference:** CGH staff, including Drs. Funmi Olopade, John Schneider, and Habibul Ahsan, were invited to speak at the Center for Health and the Social Sciences (CHeSS) Health in Cities conference in May 2013 where key partners at the University discussed issues of urban health. Dr. Ahsan spoke about the new health study, ChicagO Multiethnic Prevention and



Surveillance Study (COMPASS), implemented by the Comprehensive Cancer Center. Dr. Olopade addressed the growing gap in health care knowledge in Chicago and how we can defeat the odds and effectively utilize available resources. Dr. Schneider focused on the elimination of HIV in cities through the use of HIV care centers and their risks.

**Dr. Ranjana Srivastava’s Oncology Talk:** CGH invited Dr. Srivastava, a medical oncologist and author, to discuss her book, *Tell Me the Truth: Conversations with my Patients about Life and Death*. Dr. Srivastava read excerpts from her book and shared insights into her work, moral and ethical dilemmas, and the challenges of providing compassionate health care. Dr. Srivastava is a Fellow of the MacLean Center for Clinical Medical Ethics.

**Biological Research for the Developing World Seminar Series:** In collaboration with the University of Chicago Committee on Genetics, Genomics & Systems Biology, CGH hosted speakers from universities across the nation. Speakers combined research in the US with active research projects in developing world countries. Their work addressed current and future threats to health, agriculture, and wildlife. Below is the list of topics that were discussed.

Topic	Presenter & Institution
Translating the Biology of <i>Vibrio cholera</i> into Prevention of Cholera	<b>Andrew Camilli</b> , Tufts University School of Medicine
Managing Evolution in the Developing World: Drug Resistance from Math, to Mouse, to India	<b>Andrew Read</b> , Pennsylvania State University
Environmental Enteropathy	<b>Mark Manary</b> , Washington University in St. Louis
Roots of the Second Green Revolution	<b>Jonathan Lynch</b> , Pennsylvania State University
Molecular Genetic Approaches in Conservation	<b>Todd Disotell</b> , New York University
The Interconnection between Training and Research in Building Collaborations with Developing Country Institutions: Examples from World of HIV/AIDS, TB, and Malaria	<b>Art Reingold</b> , University of California, Berkeley

## TRAINING:

CGH offers training opportunities on campus to foreign trainees, and provides opportunities for University of Chicago students and residents at partner sites. Both groups of trainees work under faculty supervision to develop skills that they will use and share in their home countries. Additionally, many University of Chicago faculty members are committed to providing training through workshops and seminars around the world.



1. Support bilateral capacity building of trainees through research locally and abroad

In 2013, CGH continued to facilitate bilateral opportunities for short-term training for trainees (medical students, residents, fellows, and faculty) at the University of Chicago and international partner sites.

*Training opportunities on campus*

For faculty throughout the Biological Sciences Division interested in hosting international medical students, residents, and fellows, CGH serves as a resource, reviews paperwork and approves the applications in partnership with various offices across campus. Of the 36 international trainees who came to Chicago through the appointment categories overseen by CGH, 12 different countries and four continents were represented.

**2013 INTERNATIONAL EXCHANGES**

		TOTAL
VISITING MEDICAL STUDENTS	PARTNER INSTITUTION: 11	14
	NON-PARTNER INSTITUTION: 3	
VISITING RESIDENTS/FELLOWS	PARTNER INSTITUTION: 5	15
	NON-PARTNER INSTITUTION: 10	
GLOBAL HEALTH FELLOWS	VISITING SCHOLARS: 3	4
	NON-DEGREE SEEKING VISITING STUDENT: 1	
		<b>33</b>

*Training opportunities with partner sites*

CGH helped facilitate four-week clinical electives for two University of Chicago Internal Medicine residents and one fourth-year Pritzker student at the following partner sites: University College Hospital, University of Ibadan, in Ibadan, Nigeria, and Lagos State University Teaching Hospital, in Lagos, Nigeria.

**Chile Exchange:** For the second consecutive year, CGH hosted a cohort of medical students from our partner institution, Universidad Andres Bello in Santiago, Chile, for month-long clinical electives in April and May. The students were selected based on academic qualifications and English skills and placed in Pritzker electives. All students received excellent evaluations at the completion of their clinical elective and expressed how this experience provided them a unique opportunity to increase their exposure to a different medical system.





2. Develop and strengthen institutional partnerships that can support a multidisciplinary approach to problem solving, ensuring sustainability, impact, and long-term view

Collaborative activities in education, research, training and service with our partner sites increased markedly. However, some sites were more active than others and our goal for 2014 is to grow partnerships with existing sites as well as develop from a faculty-to-faculty approach to a systems-based approach, through which problems can be solved in a multidisciplinary and holistic manner.

**NEW 2013 MOUs:** CGH established new MOUs with the Shanghai Renji Hospital and Shanghai IBD Center in Shanghai, China, to be led by Dr. Stephen B. Hanauer at the University of Chicago.

**RESEARCH:**

Research is a backbone of our programming and we work towards creating an environment where faculty can meet to collaborate in proposal writing. We also provide faculty with seed grants to conduct research that would help junior faculty build their research credentials and put them on track to apply for bigger outside grants.



**GLOBAL HEALTH RELATED FUNDING OF FACULTY**

Title	Date	CGH Faculty PIs	Amount of funding	Source
<b>ACTIVE</b>				
Chemoprevention of arsenic-induced skin cancer	9/30/10-7/31/15	Habibul Ahsan	\$1,508,422	NIH/NCI
Genetic Susceptibility of the Cardiovascular Effects of Arsenic Exposure	7/01/09-6/30/14	Subcontract PI: Habibul Ashan	\$140,838	NIH/NYU
Bangladesh Center for Global Environmental and Occupational Health	09/22/12-08/31/14	Habibul Ahsan	\$31,032	NIH
Enrichment Approaches to Understand Genetic Determinants of Breast Cancer	01/01/13-12/31/17	Dezheng Huo	\$131,127	ACS
Lifestyle Factors and Lymphoma: An Asian Cohort Consortium Pooling Project	3/15/13-3/31/15	Brian Chiu	\$78,126	NIH
Health Effects of Arsenic Longitudinal Study	4/1/12-03/31/17	PL: Habibul Ahsan	\$413,000	NIH/NCI
Developing an Infrastructure to Conduct Clinical Breast Cancer Trials in Resource Poor Nations such as Nigeria	10/1/12-9/30/13	Olufunmilayo Olopade	\$200,000	Breast Cancer Research Foundation
Toward a Primary Prevention of Breast Cancer in the African Diaspora	7/1/10-6/30/15	Olufunmilayo Olopade	\$80,000	American Cancer Society
Translating Breast Cancer Genetics In The Clinic	7/1/10-6/30/13	Olufunmilayo Olopade	\$233,892	Susan G. Komen for the Cure
Genome-Wide Association Study of Breast Cancer in the African Diaspora	8/1/10-7/31/13	Olufunmilayo Olopade	\$126,582	NIH/NCI
Using Genomics to Reduce Breast Cancer Disparities in the African Diaspora	7/19/12-6/30/15	Olufunmilayo Olopade	\$1,850,118	NIH/NCI



Pathogens, Inflammation and Toll-like Receptors in Breast Cancer	7/1/12-6/30/14	Olufunmilayo Olopade	\$227,273	Avon Foundation
International Partnership for Interdisciplinary Research Training	7/12/12-2/28/17	Olufunmilayo & Christopher Olopade	\$215,723	NIH/Fogarty
The Cancer Genome Atlas Program	11/15/12-3/31/14	Olufunmilayo Olopade	\$34,716	NIH/SAIC Frederick
West African Breast Cancer Collaboration	08/01/12-1/31/14	Olufunmilayo Olopade	\$462,722	Novartis
Young Men's Affiliation Project of HIV Risk & Prevention Venue	4/1/13-3/30/18	Co-PI: John Schneider	\$811,444	NIMH
Hybridized cell phone and survey generated communication network	9/1/12-7/31/14	John Schneider	\$387,497	NICHD
Social Network Dynamics, HIV, and Risk Reduction Among Younger Black MSM	4/1/12-3/30/17	John Schneider	\$274,785	NIDA
Network Supported Engagement in HIV Care	3/1/12-2/28/15	John Schneider	\$703,949	NIMH
Digital communication networks in men at risk for HIV	7/1/12-7/31/14	John Schneider	\$445,175	NIMH
Social network positional selection of peer change agents	3/1/13-2/28/15	John Schneider	\$437,726	NIAID
Household Air Pollution from Burning Biomass: Implications for Maternal Health and Adverse Pregnancy Outcome	10/10/12-10/9/14	Christopher Olopade	\$383,691	United Nations
<b>OTHER FUNDS</b>				
Chicago-Ibadan Partnership for Capacity Development in Oncology Clinical Trials	11/1/13-10/31/14	Olufunmilayo Olopade	\$200,000 (pending)	NIH
Pan African Multidisciplinary Research Ethics Training (PAMRET)	3/1/14-2/28/19	Christopher Olopade	\$1,242,000 (pending)	NIH
Ruth L. Kirschstein National Research Service Award Individual Postdoctoral Fellowship	12/1/13 – 11/30/16	Donee Alexander/ Christopher Olopade	\$155,346 (pending)	NIH



Young men who have sex with men surveillance project	9/15/12-9/14/13	John Schneider	\$511,474 (declined)	CDC
Young men, their family networks, and adherence to HIV care	4/1/13-3/31/14	John Schneider	\$769,179 (declined)	NIH
GS-US-236-0112	--	John Schneider	\$125,256 (CT active)	GILEAD SCI
Social and cultural influences on cardiovascular risk factors in South Asians	12/1/13-11/30/14	John Schneider	\$29,728 (pending)	NIH
Chicago Clinical Trials Unit	5/1/14-4/30/15	John Schneider	\$482,242 (pending)	NIH
Practical Intervention to Increase ART Adherence Among HIV-positive Youth	12/1/13-11/30/14	John Schnedier	\$112,566 (pending)	NIH
Research Training in Chronic Non-communicable Diseases in Bangladesh	4/1/14-2/28/19	Habibul Ahsan	\$254,596 (pending)	NIH/Fogarty
5-mTHF and B12 for primary CVD prevention in a low folate, arsenic-exposed population	4/1/14-3/31/19	Habibul Ahsan	\$440,649 (pending)	NIH
A prospective study of toenail arsenic and cancer risk in SELECT	4/1/14-6/30/19	Habibul Ahsan	\$402,701 (pending)	NIH
Endocrine Effects of Arsenic Exposure Given Genetic and Epigenetic Variation	7/1/13-6/30/18	Habibul Ahsan	\$438,355 (declined)	NIH
A prospective study of toenail arsenic and cancer risk in SELECT	7/1/13-6/30/18	Habibul Ahsan	\$420,146 (declined)	NIH
Prospective study of toenail arsenic and cardiovascular disease and diabetes risk	7/1/13-6/30/18	Habibul Ahsan	\$516,738 (declined)	NIH



**Publications by Dr. Olufunmilayo Olopade:**

- Obeid, Elias, Rita Nanda, Yang-Xin Fu, Olufunmilayo I. Olopade. 2013. "The role of tumor-associated macrophages in breast cancer progression." *International Journal of Oncology* 43 (1):5-12.
- Zheng, Yonglan, Adeyinka G. Falusi, Katherine L. Nathanson, Anselm J.M. Hennis, Stefan Ambs, Susan M. Domchek, Christopher O. Olopade, Olufunmilayo I. Olopade, Dezheng Huo, et al. 2013. "Fine mapping of breast cancer genome-wide association studies loci in women of African ancestry identifies novel susceptibility markers." *Carcinogenesis*. doi: 10.1093/carcin/bgt090.
- Zhang, Jing, James D. Fackenthal, Yonglan Zheng, Dezheng Huo, Ningqi Hou, Qun Niu, Cecilia Zcosec, Temidayo O. Ogundiran, Olufunmilayo I. Olopade, et al. 2012. "Recurrent BRCA1 and BRCA2 mutations in breast cancer patients of African ancestry." *Breast Cancer Research and Treatment* 134 (2):889-894.
- Monda, Keri L., Gary K. Chen, Kira C. Taylor, Cameron Palmer, Todd L. Edwards, Leslie A. Lange, Maggie C. Y. Ng, Adebowale A. Adeyemo, Olufunmilayo I. Olopade, et al. 2013. "A meta-analysis identifies new loci associated with body mass index in individuals of African ancestry." *Nature Genetics* 45 (6):690-6.
- Khoury, Muin J., Tram Kim Lam, John P.A. Ioannidis, Patricia Hartge, Margaret R. Spitz, Julie E. Buring, Stephen J. Chanock, Robert T. Croyle, Olufunmilayo I. Olopade, et al. 2013. "Transforming epidemiology for 21st century medicine and public health." *Cancer Epidemiology, Biomarkers & Prevention* 22 (4):508-16.
- Kingham, T Peter, Olusegun I. Alatishe, Verna Canderpuye, Corey Casper, Francis A. Abantanga, Thaim B. Kamara, Olufunmilayo I. Olopade, Muhammad Habeebu, Fatimah B. Abdulkareem, et al. 2013. "Treatment of cancer in sub-Saharan Africa." *The Lancet Oncology* 14 (4):e158-67.
- Obajimi, Millicent O., Ikeoluwapo O. Ajayi, Abideen O. Oluwasola, Babatunde O. Adedokun, Adenika T. Adeniji-Sofoluwe, Olushola A. Mosuro, Titilola S. Akingbola, Oku S. Basse, Olufunmilayo I. Olopade, et al. 2013. "Level of awareness of mammography among women attending outpatient clinics in a teaching hospital in Ibadan, South-West Nigeria." *BMC Public Health* 13 (40).
- Chen, Fang, Gary K. Chen, Daniel O. Stram, Robert C. Millikan, Christine B. Ambrosone, Esther M. John, Leslie Bernstein, Wei Zheng, Olufunmilayo I. Olopade, et al. 2013. "A genome-wide association study of breast cancer in women of African ancestry." *Human Genetics* 132 (1):39-48.
- Mukhtar, Rita A., Amy P. Moore, Vickram J. Tandon, Onouwem Nseyo, Patrick Twomey, Charles Adeyinka Adisa, Olufunmilayo I. Olopade, Ndukauba Eleweke, Alfred Au, et al. 2012. "Elevated levels of proliferating and recently migrated tumor-associated



macrophages confer increased aggressiveness and worse outcomes in breast cancer.”  
*Annals of Surgical Oncology* 19 (12):3979-86.

Liu, Duo, Hui-zhe Wu, Yi-ning Zhang, Hui Kang, Ming-jun Sun, En-hua Wang, Olufunmilayo I. Olopade, Xiu-li Yang, Ming-qiong Lian, et al. 2012. “DNA repair genes XPC, XPG polymorphisms: relation to the risk of colorectal carcinoma and therapeutic outcome with Oxaliplatin-based adjuvant chemotherapy.” *Molecular Carcinogenesis* 51 (S1):e83-e93.

Niaju, Uchenna O., Olufunmilayo I. Olopade. 2012. “Genetic determinants of breast cancer risk: a review of current literature and issues pertaining to clinical application.” *The Breast Journal* 18 (5):436-42.

Fackenthal, James D., Jing Zhang, Bifeng Zhang, Jonglan Zheng, Fitsum Hagos, Devin R. Burrill, Qun Niu, Olufunmilayo I. Olopade, Walmy E. Sveen, et al. 2012. “High prevalence of BRCA1 and BRCA2 mutations in unselected Nigerian breast cancer patients.” *International Journal of Cancer* 131 (5):1114-23.

Zhao, Lin, Zhaojin Yu, Yunan Li, Xiaoyan Wen, Wenfeng Ma, Lin Wang, Jie Ren, Caigang Liu, Olufunmilayo I. Olopade, et al. 2012. “Clinical implications of ER $\beta$  methylation on sporadic breast cancers in Chinese women.” *Medical Oncology* 29 (3):1569-75.

Bai, Xuefeng, Feng Jin, Yingzi Fu, Zhaojin Yu, Lin Zhao, Jie Ren, Yanlin Li, Xyuan Jiao, Olufunmilayo I. Olopade. 2012. “Clinicopathological significance and prognostic value of Xeroderma pigmentosum complementary group C (XPC) expression in sporadic breast cancer patients.” *Medical Oncology* 29 (3):1543-53.

Hou, Ningqi, Dezheng Huo, Olufunmilayo I. Olopade. 2012. “Protective effect of longstanding lactation and reproductive factors: a case-control study in North Tanzania.” *Breast Cancer Research Treatment* 134 (3):1349051.

Ding, Yuan C., Lesley McGuffog, Sue Healey, Eitan Friedman, Yael Laitman, Shani-Paluch-Shimon, Bella Kaufman, Annelie Liljegren, Olufunmilayo I. Olopade, et al. 2012. “A nonsynonymous polymorphism in IRS1 modifies risk of developing breast and ovarian cancers in BRCA1 and ovarian cancer in BRCA2 mutation carriers.” *Cancer Epidemiology, Bioinformatics & Prevention* 21 (8):1362-70.

#### **Publications by Dr. Aisha Sethi:**

Ladizinski, Barry, Andres E. Cruz-Inigo, Aisha Sethi. 2012. “The Genocide of Individuals with Albinism in Africa.” *JAMA Dermatology* 148 (10):1151.

Bangash, Haider K., Shaily Patel, Keyoumars Soltani, Christopher R. Shea, Aisha Sethi. 2012. “Blistering eruptions on the chest of a 30-year-old pregnant woman.” *International Journal of Dermatology* 51 (12):1429-31.



Bangash, Haider K., Tunisia Finch, Vesna Petronic-Rosic, Aisha Sethi, Emily Abramsohn, Stacy Tessler Lindau. 2013. "Pityriasis Rosea-Like Drug Eruption Due to Nortriptyline in a Patient With Vulvodynia." *Journal of Lower Genital Tract Disease* 17 (2):226-9.

Fuller, Lucinda Claire, Roderick Hay, Aldo Morrone, Ben Naafs, Terrence J. Ryan, Aisha Sethi. 2013. "Guidelines on the role of skin care in the management of mobile populations." *International Journal of Dermatology* 52 (2):200-8.

Hemmige, Vagish, Herbert Tanowitz, Aisha Sethi. 2012. "Trypanosoma cruzi infection: a review with emphasis on cutaneous manifestations." *International Journal of Dermatology* 51 (5):501-8.

### **Publications by Dr. Christopher Olopade:**

Ige O, Arinola OG, Falade AG, Oluwole O, Falusi AG, Taiwo A, Huo D, Olopade OI, Olopade CO. Atopy is associated with asthma in adults Living in rural and urban Southwest Nigeria. *Journal of Asthma*, 2011;48 (9) 894-900.

C Babcock, C Theodosios, C Bills, J Kim, M Kinet, M Turner, C Wilson, M Millis, OI Olopade, CO Olopade. The academic medical center in complex humanitarian emergencies: lessons learned from the 2010 Haiti earthquake. *Acad Med*. 2012 Nov;87(11):1609-1615

Olopade CO, Olugbile S and Olopade, OI. Issues and challenges for clinical research in international settings. *Principles and Practice of Clinical Research 3rd Edition*, 2012: Editors John Gallin and Frederic Ognibene.

Oluwole O, Otaniyi OO and Olopade CO. Indoor air pollution: Implication for Maternal and Child lung health. *Journal of Public Health*, 2012; 20: 565-57520, DOI 10.1007/s10389-012-0511-1.

Godson Ana, Bamidele Adeniji, Olusoji Ige, Oluwafemi Oluwole, Christopher Olopade. Exposure to emissions from firewood cooking stove and the pulmonary health of women in Olorunda community, Ibadan, Nigeria. *Air quality, Atmosphere and Health*, 2012. DOI 10.1007/s11869-012-0183-6.

Oluwole O, Arinola OG, Falade AG, Falusi AG, Ige OM, Taiwo A, Huo D, Olopade OI, Olopade CO. Allergy Sensitization and Asthma among 13- and 14-Year-Old School Children in Southwest Nigeria. *African Journal of Health Science* 2013;13 (1):144-153

Oluwole O, Ana G, Arinola OG, Wiskel T, Huo D, Olopade OI, Olopade CO. Relationship between household air pollution from biomass smoke exposure, and pulmonary dysfunction, oxidant-antioxidant imbalance and systemic inflammation in rural women and children in Nigeria. *Global Journal of Health Science*, 2013; 5(4), 28-38.

Oluwole O, Arinola OG, Ana G, Wiskel T, Adu D, Falusi AG, Taiwo A, Huo D, Olopade OI, Olopade CO. Effect of Stove Intervention on Household Air Pollution and the Respiratory Health of Women and Children in Rural Nigeria. *Air quality, Atmosphere and Health*, 2013. DOI 10.1007/s11869-013-0196-9.



Zheng, Yonglan, Adeyinka G. Falusi, Katherine L. Nathanson, Anselm J.M. Hennis, Stefan Ambs, Susan M. Domchek, Christopher O. Olopade, Olufunmilayo I. Olopade, Dezheng Huo, et al. 2013. "Fine mapping of breast cancer genome-wide association studies loci in women of African ancestry identifies novel susceptibility markers." *Carcinogenesis*. doi: 10.1093/carcin/bgt090.

**Publications by Dr. Habibul Ahsan:**

Argos, Maria, Mahfuzar Rahman, Faruque Parvez, James Dignam, Tariqul Islam, Iftexhar Quasem, Samar K. Hore, Ahmed T. Haider, Habibul Ahsan, et al. 2013. "Baseline comorbidities in a skin cancer prevention trial in Bangladesh." *European Journal of Clinical Investigation* 43 (6):579-88.

Chen, Yu, Fen Wu, Mengling Liu, Faruque Parvez, Vesna Slavkovich, Mahbub Eunos, Alauddin Ahmed, Stephanie Segers, Habibul Ahsan, et al. 2013. "A Prospective Study of Arsenic Exposure, Arsenic Methylation Capacity, and Risk of Cardiovascular Disease in Bangladesh." *Environmental Health Perspectives*.

Argos, Maria, Stephanie Melkonian, Faruque Parvez, Muhammad Rakibuz-Zaman, Alauddin Ahmed, Yu Chen, Habibul Ahsan. 2013. "A population-based prospective study of energy-providing nutrients in relation to all-cause cancer mortality and cancers of digestive organs mortality." *International Journal of Cancer*.

Yoon-Ok Ahn, Habibul Ahsan, Rashmi Sinha, Paolo Boffetta, Wei Zheng, Mark Thornquist, Ziding Feng, Daehee Kang, John D. Potter, et al. 2013. "Association of body mass index and risk of death from pancreas cancer in Asians: findings from the Asia Cohort Consortium." *European Journal of Cancer Prevention* 22 (3):244-50.

Chen, Yu, Fen Wu, Faruque Parvez, Alauddin Ahmed, Mahbub Eunos, Tyler R. McClintock, Tazul Islam Patwary, Tariqul Islam, Habibul Ahsan, et al. 2013. "Arsenic exposure from drinking water and QT-interval prolongation: results from the health effects of arsenic longitudinal study." *Environmental Health Perspectives* 121 (4):427-32.

**Publications by Dr. John Schneider:**

Schneider, John A., Benjamin Cornwell, David Ostrow, Stuart Michaels, Phil Schumm, Edward O. Laumann, Samuel Friedman. 2013. "Network mixing and network influences most linked to HIV infection and risk behavior in the HIV epidemic among black men who have sex with men." *American Journal of Public Health* 103 (1):e28-e36.

Schneider, John A., Stuart Michaels, Alida Bouris. "Family network proportion and HIV risk among Black men who have sex with men." 2012. *Journal of Acquired Immune Deficiency Syndromes* 61 (5):627-635.

Schneider, John A., Rachel B. McFadden, Edward O. Laumann, S. G. Prem Kumar, Sabitha R. Gandham, Ganesh Oruganti. 2012. "Candidate change agent identification among men at risk for HIV infection." *Social Science & Medicine* 75 (7):1192-1201.





Schneider, John A., Tim Walsh, Benjamin Cornwell, David Ostrow, Stuart Michaels, Edward Laumann. 2012. "HIV health center affiliation networks of black men who have sex with men: disentangling fragmented patterns of HIV prevention service utilization." *Sexually Transmitted Diseases* 39 (8):598-604.

Snyder, Hannah, Vijay V. Yeldandi, G. Prem Kumar, Chuanhong Liao, Vemu Lakshmi, Sabitha R. Gandham, Uma Muppudi, Ganesh Oruganti, John A. Schneider. 2012. "Field-based Video Pre-Test Counseling, Oral Testing, and Telephonic Post-Test Counseling: Implementation of an HIV Field Testing Package Among High-Risk Indian Men." *AIDS Education Prevention* 24 (4):309-26.

**MANAGEMENT**

Develop and implement a results-based program through regular monitoring and management processes

**PLANNING PROCESS:** CGH developed a results-based work plan in accordance with the recommendations of its external advisory board. It also began work on the development of a financial sustainability plan and a revision of its management committees to reflect progress made and the changing needs of faculty members.

**CGH INTERNS.** Students from all levels and programs at the University of Chicago have the opportunity to engage in fieldwork, research, or service learning opportunities at international sties. There are also opportunities to intern at the CGH office on campus. In particular, CGH has relationships with the GPHAP program, Pritzker School of Medicine, and the College Metcalf Fellowship program.

GPHAP Interns	2012	Megan Neubauer (SSA)
	2013	Lalitha Vishwanaath (Harris)
Student Interns	2012-2013	Anna Boots (Metcalf)
	2012	Maya Frasier (Metcalf)
	2013	Joseph Kim (Work/Study) Arushi Tomar (Work/Study)