ADVANCING GLOBAL HEALTH SYSTEMS RESEARCH
International Conferences and Recent Publications Showcase Department’s Leadership in a Growing Field

INTERNATIONAL INJURY RESEARCH UNIT
Successful Capacity-Building Programs Lead to New Grants and New Initiatives
As the world looks beyond the Millennium Development Goals of 2015, there is an active debate about future Sustainable Development Goals (SDG) with a longer time horizon. There must be continued focus on reducing mortality and improving health, although that strangely being questioned. But it is clear that there are many areas deserving more attention, including universal health coverage, nutrition, sustainable agriculture, water availability and quality, land degradation, energy security, education, gender and poverty, and climate change. I am pleased that our department’s faculty have been leaders in some of these areas and are increasingly contributing in others, such as health coverage, air pollution and water.

The health systems research conference in Beijing, which featured so prominently many of our faculty, was a forum for discussion of universal health coverage as an SDG—in my mind a concept too oriented to medical care or payment for health services, rather than primary prevention or attention to the social determinants of health. As Richard Horton said in a comment in The Lancet following the conference: ‘Shouldn’t we be focused on universal health, rather than health coverage?’

There is increasing attention to global environmental concerns, many of which need to be addressed urgently. However, there is less focus on the ‘built environment’ than would seem due. Human-made settings increasingly dominate the planet. More than 70% of the populations of the Americas and Europe are urban. In Asia and Africa the populations are now 45% and 40% urban, respectively. These two regions are expected to have rapid increases in urbanization, accounting for 86% of the increase in urban populations. These demographic changes in urban settings will result in a large increase in non-communicable diseases, a growing global burden, as these diseases are closely connected to lifestyle and environment. In many of these areas the increases in non-communicable diseases are expected to occur in the next two decades, the ‘epidemic of the 21st century’.

The disproportionately heavy burden injuries place on low- and middle-income country (LMIC) populations was the impetus for founding the Johns Hopkins International Injury Research Unit (JH-IIRU) 5 years ago. To combat this burden, the Unit, which is led by Professor Adnan Hyder, strives to build a critical mass of local experts in low- and middle-income countries who can respond to injuries on all levels—from monitoring and treating severe injuries to data analysis and influencing policy.

The group’s overall capacity-building activities can be divided broadly into three main categories:

1. Research and data collection strategy workshops and mentoring
2. Trainings on care for the injured, including emergency trauma care
3. Academic course development

JH-IIRU has quickly made great strides in these areas. In 2010, for instance, IIRU was named a WHO Collaborating Center for Injuries, Violence and Accident Prevention in recognition of its work in LMICs—one of only three such centers in the U.S. And over the past 2 years they have continued to build on their portfolio and broaden their reach both here at Hopkins and abroad.

International Injury Research Unit
SUCCESSFUL CAPACITY-BUILDING PROGRAMS LEAD TO NEW GRANTS AND NEW INITIATIVES

The BloomBerg gloBal road SafeTy Program has already trained over 600 professionals

Road traffic crashes are one of the major causes of injury and injury-related deaths in the world, and in recent years the global health community has been directing more resources to preventing them. In 2010, IIRU became one of six core partners in the international consortium working on the Bloomberg Global Road Safety Program, or the Road Safety in 10 Countries (RS-10) project, as it is more commonly known. The project was developed to combat the death of road safety data and expertise in the 10 countries that account for almost half of all traffic deaths globally: Brazil, Cambodia, China, Egypt, India, Kenya, Mexico, Russia, Turkey, and Vietnam.

So far, IIRU-sponsored workshops and training seminars have trained more than 600 individuals from the project’s 10 focus countries. The trainings focus on a variety of topics including leadership and management; evaluation methods for road safety; public health research methods and data analysis; data management; handling of data for injury surveillance; and advanced data analysis.

As part of the road safety project this spring, Assistant Scientist Abdulgafoor Bachani, the Associate Director for Training and Capacity Development, and Assistant Scientist Aruna Chandran, Associate Director for Monitoring and Evaluation, hosted the “National Workshop on Evaluation Methods for Road Safety” in collaboration with Handicap International (HIB) in Cambodia. This workshop, held in Phnom Penh, provided an overview of monitoring and evaluation for national road safety programs, including evaluation designs for road safety and data collection options. The workshop was attended by faculty from the Hanoi School of Public Health and representatives from the National and Provincial Road Safety Committees in Cambodia. A hands-on workshop, participants learned how to collect data for

The BloomBerg gloBal road SafeTy Program

International Injury Research Unit
SUCCESSFUL CAPACITY-BUILDING PROGRAMS LEAD TO NEW GRANTS AND NEW INITIATIVES

The BloomBerg gloBal road SafeTy Program

Workshop participants learning how to conduct observational studies in Cambodia practice monitoring helmet use.

Photo Credit: Abdulgafoor Bachani

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Injuries: An Assessment from Ten Low- and Middle-Income Countries," which is available for free online: http://www.tandfonline.com/uc/gcp20/13/sup1

Training Trauma Care Professionals

The WHO estimates that 90 percent of road traffic deaths occur in low- and middle-income countries, even though they account for less than 50 percent of the world’s registered automobiles (WHO 2009). One cause for the higher mortality is the lack of emergency care at the crash site and a lack of specialized trauma care at hospitals.

To address this, JH-IIRU is piloting a 9-point plan for building comprehensive trauma-care capacity on a national scale in Kenya. Assistant Professor Stevens and IIRU’s Director, Professor Adnan Hyder, are spearheading this initiative. The plan’s scope ranges from training Emergency Medical Technicians (EMTs) to setting up a national trauma registry and advising the government on legislation. IIRU currently has 6 EMT fellows undergoing training and has conducted training for medical professionals at the Navavsha District Hospital on a range of issues, including data collection and proper use of equipment for severely injured patients.

In addition, two new courses are being developed by IIRU faculty:

• Evaluation of Road Safety Interventions in Low- and Middle-Income Countries (Aruna Chandran, Adnan Hyder)
• Hospital Based Injury/Trauma Surveillance in Low- and Middle-Income Countries (Abdulgafoor M. Bachani and Kent A. Stevens)

To further supplement researchers’ skills, IIRU is developing a 7-module training program on road traffic injury prevention and control in low- and middle-income countries which will be available for free online via the school’s TRAMS system. The modules cover a broad range of injury-prevention research topics:

• Fundamentals of Road Traffic Injury Prevention
• Concepts in Injury Prevention: Assessing the Health and Economic Burden of Road Traffic Injuries
• Risk Factors and Choosing Interventions for Road Traffic Injuries
• Injury Surveillance Systems
• Evaluation of Road Safety Interventions
• Influencing Policy for Road Traffic Injury Prevention

Student Opportunities

In addition to formal course work, over 50 students have worked with JH-IIRU. Currently, over a dozen students are involved with the Unit (see table). They help faculty and program staff in areas such as writing reports and articles, literature reviews, data analysis, research, and administration. Many doctoral students have also been able to use their experiences with the Unit to complete their dissertations.

Since JH-IIRU works with faculty from across the University, it participates in the Global Health Field Placement program run by the Johns Hopkins Center for Global Health. The Center competitively awards travel stipends to university students so they can pursue work on dissertations, master’s theses, or Capstone essays. Three students have earned placement awards while working with IIRU.

New Capacity-Building Grant: Chronic TRIAD

A new grant from the National Institutes of Health brings together JH-IIRU with a long-time Department of International Health collaborator: Makerere University School of Public Health. The project—Chronic Consequences of Trauma, Injuries and Disability (Chronic TRIAD)—will strengthen research capacity on the long-term health and economic consequences of trauma, injuries and disability in Uganda. The collaboration is exactly in line with IIRU’s mission of training local researchers to produce and promote data use that can ultimately lead to interventions that reduce burden of disability from trauma and injuries. In addition, the team will establish a sustainable training program—a track within the MPH program, which will provide a home for faculty across Makerere University. A mechanism will also be set up to collaborate with the Ugandan Ministry of Health for research-to-policy dialogue on the chronic consequences of trauma, injuries and disabilities.

Current Student Involvement in IIRU

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<tr>
<th>Name</th>
<th>Project</th>
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<tr>
<td>Kate Allen</td>
<td>Management: Bloomberg Global Road Safety Program</td>
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<td>Casey Branchini</td>
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<td>Cambodia: RS-10</td>
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<td>Edward Galvez</td>
<td>Management: Bloomberg Global Road Safety Program</td>
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<td>Huan He</td>
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<td>Russia: RS-10</td>
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<td>Connie Hoe</td>
<td>Management: Bloomberg Global Road Safety Program</td>
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<td>Yuewenai Huang</td>
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<td>Kenya: RS-10</td>
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<tr>
<td>Aisha Jalil</td>
<td>Chronic Consequences of Trauma Injuries and</td>
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<td>Nareen Jessani</td>
<td>Disability in Uganda</td>
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<td>Rabia Karani</td>
<td>Development of an Innovative Tool for</td>
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<td>Qingfeng Li</td>
<td></td>
<td>China: RS-10 and The Burden of</td>
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<tr>
<td>Ripudaman Minhas</td>
<td>Data analysis: Center for Global Health Field</td>
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<tr>
<td>Andrea Vecino Ortiz</td>
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<td>Placement Grant</td>
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<td>Porzia Giriad</td>
<td>Management: RS-10</td>
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<td>Pratiksha Vaghela</td>
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<td>Bangladesh: RS-10</td>
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<td>Sukhla Zia</td>
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<td>Pakistan: Fogarty International</td>
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<td>Fatima Parak</td>
<td>Postdoctoral Fellow: Trauma Care in Kenya</td>
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Participants from the National Workshop on Evaluation Methods for Road Safety in Cambodia. Assistant Scientist Abdulgafoor Bachani front left. Photo Credit: Abdulgafoor Bachani

Participants of the Kenya trauma training of hospital medical professionals practicing trauma care techniques. Photo credit: Fatima Parak

Observational studies. To hone their skills, the participants took to the streets of Phnom Penh to record motorcycle helmet use, an area in which the Cambodian government would like to see improvements.

In India, Assistant Scientist Shivam Gupta has conducted several training workshops in Hyderabad and the Punjab for local data collection. And, in Kenya this fall, the IIRU, along with the Kenya Ministry of Health and the US Centers for Disease Control, hosted the National EMS Symposium–Connecting the DOTS: A Unified EMS System in Kenya. The attendees included emergency medical technicians as well as representatives from the Kenyan Ministry of Public Health and Sanitation, the Kenyan National Hospital, non-governmental organizations and academics.

Assistant Professor Kent Stevens, Associate Director of Trauma Systems and Clinical Services for IIRU, from the Department of Surgery in the School of Medicine with a joint appointment in JH, represented Hopkins and presented on the importance of developing trauma registries. He highlighted three key areas of trauma care that lack systematic data collection in many countries: pre-hospital care, hospital care, and post-hospital care. Currently, the mortality rate from severe injuries in low-income countries is already many times higher than in high-income countries. As car ownership rates rise, road traffic injuries are projected to increase. Increased injuries and mortality could deal a severe blow to these developing economies, given that injuries are a major cause of death for adults in their most economically productive years. To make sure that the burden of injuries does not go overlooked by the public and government alike, creating awareness and a push for action.

In addition, two new courses are currently available on the School’s OpenCourseWare for free online.

Beyond training professionals already in the field, IIRU is committed to preparing the next generation of injury prevention researchers and policymakers. For instance IIRU is involved in three courses:

• Confronting the Burden of Injuries: A Global Perspective (Adnan Hyder)
• Using Summary Measures of Population Health to Improve Health Systems (Adnan Hyder, Abdulgafoor M. Bachani and Richard Morrow)
• Poverty, Economic Development and Health (David Bishai)

The first two are currently available on the School’s OpenCourseWare for free online.

To attend these workshops, IIRU’s Senior Technical Advisor, Abdulgafoor Bachani front left. Photo Credit: Abdulgafoor Bachani
News & Highlights

New Assistant and Associate Professors

Over the past year and a half, the Department has recruited its largest cohort of new tenure-track professors. Visit the JHSPH faculty directory to read about their research interests: http://www.jhsph.edu/faculty/directory/list

Kavi Bhalla, PhD
Assistant Professor
Health Systems, IIRU

Julie Denison, PhD,
MHS, Assistant Professor, Social & Behavioral Interventions (SBI)

Christine Marie George, PhD, Assistant Professor, GDEC

Laura L. Hammitt, MD, Assistant Professor, GDEC, Center for American Indian Health

Kristen M. Hurley, PhD, MPH, Assistant Professor, Human Nutrition

LaRissa Jennings, PhD, MHS, Assistant Professor, SBI

Jessica C. Jones-Smith, PhD, MPH, RD, Assistant Professor, GDEC

Daniel Salmon, PhD, MPH, Associate Professor, Human Nutrition

Faculty Promotions

Karen R. Charron, RN, MPH, Associate Lecturer, GDEC

Shannon Doocy, PhD, Associate Professor, Health Systems

Anbrasi Edward, PhD, MPH, MBA, Associate Scientist, Health Systems

Clayton Harro, MD, ScM, Associate Scientist, GDEC, Center for Immunization Research

Jean Humphrey, ScD, MSPH, RD, Professor, Human Nutrition

Maria Merritt, PhD, Associate Professor, Health Systems

Raymond Reid, MD, MPH, Senior Research Associate, Health Systems

Kerry Jean Schulze, PhD, MS, Associate Scientist, Human Nutrition

William Weiss, DrPH, MA, Associate Scientist, Health Systems

New Faculty

Olakunle Alonge, MD, PhD, Assistant Scientist, Health Systems

International Injury Research Unit

Preeti Gadhone, PhD, MPH, Assistant Scientist, SBI, Center for American Indian Health

New Faculty

Daniel J. Eichick, MPH, Research Associate, Health Systems, International Vaccine Access Center (IVAC)

Vibhute Hate, MPH, MIPA, Research Associate, Health Systems, IVAC

Rebecca Heidkamp, PhD, Assistant Scientist, Human Nutrition, Institute for International Programs (IIP)

Melissa Higdon, MPH, Research Associate, GDEC, IVAC

Dipak Kumar Mitra, PhD, MPH, Assistant Scientist, Health Systems

Lawrence W. Laughlin, MD, PhD, MSc, Visiting Professor, GDEC

Richard Laing, MD, MBChB, MSc, Senior Associate, Health Systems

Anelmosa McDermott, PhD, MS, LDN, Associate Scientist, Human Nutrition, Johns Hopkins Global Center on Childhood Obesity

Melinda Munos, PhD, MHS, Assistant Scientist, Health Systems, IIP

Leo Nolan III, PhD, Med, Associate, Health Systems, Center for American Indian Health

Tonia C. Poteat, PhD, MPH, MMSc, Adjunct Assistant Professor, SBI

Lauren Sauer, MS, Health Systems, Joint Appointment, Research Associate, Department of Emergency Medicine

Gerline Tseesie, MPH, Research Associate, SBI, Center for American Indian Health

Franne Van der Keilen, MA, Research Associate, Human Nutrition

Professor Jim Tielsch was named Chair of the Department of Global Health at the George Washington University, School of Public Health and Health Services. He’ll continue to lead several research grants based in IH, so he’ll be visiting our School regularly. The Department held a farewell party to celebrate his career at Hopkins in January during which many faculty, students and colleagues paid tribute to his more than 30 years of leadership, mentorship and scholarship at the University.

Earlier this year, Professor Tielsch received the Outstanding Contributions to Applied Epidemiology Award from the American College of Epidemiology.

Professor Ruth Karron was appointed to the CDC’s Advisory Committee on Immunization Practices, a group of medical and public health experts that develops recommendations on how to use vaccines to control diseases in the United States.


Professor Robert H. Gilman was made an Honorary Professor at the Universidad Catolica in Santa Cruz, Bolivia.

Professor Kate O’Brien was appointed to serve a 3-year term on the World Health Organization’s Strategic Advisory Group of Experts (SAGE) on Immunizations.

Professor Abdullah Baqui received the CORE Group Dory Storms Child Survival Recognition Award for 2012. He was also honored by the Bangladesh Medical Association of North America (BMANA) for his outstanding contribution in clinical research in Bangladesh and his exceptional efforts in maternal and newborn health.

Assistant Professor Alain Labrique was elected Chair of the newly formed WHO mHealth Technical Advisory Group.

Johns Hopkins Global Center on Childhood Obesity Celebrates First Anniversary

The Hopkins community helped celebrate the Center’s first anniversary on November 14. Hopkins deans, faculty, researchers, staff, students, and collaborators joined in the festivities.

Look for funding and job opportunities on the Center’s website: www.jhcco.org. Currently the Center is seeking applications to jump start systems-oriented childhood obesity research in a rapidly changing physical and policy environment by supporting opportune rapid response pilot projects.

Center Director, Associate Professor Yosua Wang displays the annual Director’s Award that he presented to Rosemary Mountain for her exceptional work.

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Advancing Global Health Systems Research
International Conferences and Recent Publications Showcase Department's Leadership in a Growing Field

As the international commitment builds to expand health coverage and improve services in low- and middle-income countries, health systems research is becoming increasingly important. The Department has been a leader in this field for years. And as the field has grown, the Health Systems Program faculty have spearheaded new efforts and initiatives to keep the Department on the cutting-edge, in both the worlds of academics and practice. Recent publications and two important international events help to highlight this leadership role, especially in three research areas:

1. Innovation in Service Delivery
2. Complex Adaptive System Modeling
3. Informal Providers and Private Markets

The Second Annual Global Symposium on Health Systems Research

Over a dozen Department faculty and students traveled to Beijing this fall to present at the Global Symposium of Health Systems Research. (See the table of presenters, p.10.) This year’s theme was “Inclusion and Innovation towards Universal Coverage.” The conference brought together researchers, program managers, policymakers, and donors to advance health systems research and increase the use of evidence in public health decision-making in low- and middle-income countries. While 1H presentations covered an array of topics, many of presentations helped to highlight some of the key areas Health Systems faculty are championing.

Innovation in Service Delivery

Assistant Professor Asha George, presented on The MANIFEST Project (Maternal and Neonatal Implementation for Equitable Systems). This project follows up a successful taxi driver voucher program in Eastern Uganda implemented under the Hopkins-led Future Health Systems consortium. The program provided vouchers for mothers to hire independent taxi drivers to take them to health clinics for antenatal visits. As the graph here shows, antenatal visits increased dramatically during the intervention in late 2009 and early 2010. But, once the program ended, visits returned to near normal levels. In response to this, the MANIFEST Project’s mandate is to investigate challenges to supporting local action, ownership and sustainability in health delivery. Through participatory action research, the project is engaging with key stakeholders at district and community levels in Uganda to promote maternal and newborn care practices. Their research will feed into the development of a conceptual framework for measuring community capability and should provide insight into developing sustainable interventions that tap into existing community resources.

Complex Adaptive System Modeling

Over the last decade, Department faculty have advanced the use of complex adaptive systems to better understand health systems in developing countries. At the Beijing conference, Professor David Peters moderated the session: Complex adaptive systems: Recent applications in health systems research. This session provided an overview of the current state of the art and provided an opportunity to present analysis of relevant lessons for the health sector. Professor David Bishai, who has a joint appointment in International Health, was one of the main session presenters. The title of his talk was, “Modelling resource allocation policies: A systems dynamics simulation of trade-offs between curative and injury prevention.”

Informal Providers and Private Markets

The Bellagio Conference: Future Health Markets in December brought together a small group of experts to discuss changes in health markets. One of the main topics was how to utilize the increasing capacity of informal providers and private markets to enhance health systems while at the same time improving and regulating quality. Professors Bennett, Bishai, and Peters contributed their expertise along with other academics, policymakers, entrepreneurs, and funders. A complete meeting report with recommendations for how markets can better serve the needs of the poor in low- and middle-income countries is now available online: http://bit.ly/UPVV7h

In a related effort, a new book co-edited by Professor Peters was released earlier this year as part of the Pathways to Sustainability Series, entitled “Transforming Health Markets in Asia and Africa: Improving quality and access for the poor.” The book documents the problems associated with unregulated health markets and presents innovative approaches to address these issues. In addition to Peters’ Introduction and Conclusion, several Hopkins faculty and alumni authored chapters:

Drug Detailers and the Pharmaceutical Market in Bangladesh. Assistant Scientist M. Hafizur Rahman and Smishra Agarwal

Evidence of the Effects of Market-Based Innovations and International Initiatives to Improve the Performance of Private Providers. Claire Champion, DrPH ‘11 , Gerald Bloom and Professor David Peters

The Economics of Social Franchising for Health in Low and Middle Income Countries. Professor David Bishai and Claire Champion, DrPH ‘11

Teaching Health Systems Research

While the next Global Symposium on Health Systems Research is not for another 2 years, Hopkins faculty will remain actively engaged in this exciting research community. One example is the election of Associate Professor Sara Bennett as the first Vice Chair of the Board for Health Systems Global (http://www.healthsystemsglobal.org/). As the first international membership organization fully dedicated to promoting health systems research and knowledge translation, it will play an important role in setting the global research agenda. The group evolved from a working group formed during the first Global Symposium in 2010. Its goals are to strengthen and coalesce the international community of health systems research, facilitate debate on key health systems research issues, and advocate for increased health systems research funding and utilization. As part of the group’s mandate, it will also be in charge of organizing the next Health Systems Research Symposium in 2014.
OBITUARY

LUZ CAVIEDES, MHS, GDEC ’08

by Mirko Zimic, PhD ’08, MHS ’02

With great sadness we received the news that our friend, alumna, and co-worker, Luz Caviedes, passed away on November 4, 2012.

In 2000, Luz—or Lucy, as her friends called her—made her most important professional contribution to the world. Lucy and her team working at the Laboratory of Infectious Diseases at the Universidad Peruana Cayetano Heredia (LID-UPCH), under the supervision of Professor Robert Gilman, developed a rapid method of diagnosing tuberculosis in sputum, called Microscopic Observation Drug Susceptibility, or MODS. MODS allows the diagnosis of TB and the determination of multi-drug resistance in only 7 to 10 days at a very low cost. In 2006 this work was published in the New England Journal of Medicine. Many studies and publications came out of this original research, demonstrating the importance of the method. Until a few months ago, Lucy traveled throughout the world teaching people how to use the MODS diagnostic technique.

In 2008, Lucy received an MHS in International Health, Global Disease Epidemiology and Control. When she returned to Peru, Lucy kept working on various projects, including one developing a faster method of diagnosing TB’s resistance to pyrazinamide.

Earlier this year Lucy traveled to Trujillo, Peru, to help build capacity at the new Tuberculosis Center at the Regional Hospital in Trujillo, which will bear her name: the “Luz Caviedes” National Center for Excellence in Tuberculosis, thanks to the efforts of Dr. Alejandro Rodriguez, founder and director of the Center. While it is a pity she won’t be present at the dedication, she at least knew about it. I can honestly attest that she was very happy when I told her about the naming just a few days before she passed away.

The passing of Lucy is a loss for the scientific community and the community worldwide that is fighting against tuberculosis. It is a great loss for Peru and for all the research she was involved in at UPCH. It is an irreplaceable loss for all of her family and friends who will always remember her. May Lucy’s strength and work inspire and guide us forever.

Luz Caviedes, far right, with friends and colleagues. From left to right: Yeny Tinoco, IH PhD candidate, Yessika Mashinski, MHS ’11, and Market Arivaco and Idalia Carrión.

Hopkins Presentations from the Second Annual Global Symposium on Health Systems Research, 2012

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<th>Name</th>
<th>Presentation</th>
<th>Other Authors (Hopkins in Bold)</th>
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<tr>
<td>Katherine Allen</td>
<td>Methodological lessons from using stakeholder analyses in a cross-country research setting</td>
<td>Professor Adnan Hyder, International Health</td>
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<tr>
<td>Assistant Scientist Abdulgalimov M. Bachani</td>
<td>Application of a new instrument to measure disability at the Iganga-Mayuge Demographic Surveillance System (IMDSS), Uganda</td>
<td>Prof. Adnan Hyder, IH, Daniel Kadibera (Iganga-Mayuge Demographic Surveillance System, IMDSS), Edward Galindo (IMDSS), Elizabeth Rutledgebenwa (Makerere University School), Professor David Bishai, Population, Family, and Reproductive Health, Assoc. Prof Stephen Wegener School of Medicine, and Professor Richard Morrow, International Health</td>
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Pediatric Health Systems

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<tr>
<td>Professor David Bishai</td>
<td>Modelling resource allocation policies: A systems dynamics simulation of trade-offs between curative and injury prevention</td>
<td>Ligia Paina, PhD candidate, Health Systems, Qingfeng Li and Adnan Hyder</td>
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<tr>
<td>Professor and Chair Robert Black</td>
<td>Innovations in evaluation research: Assessing the counterfactual when randomization is not an option</td>
<td>Visiting Prof. Cesar G. Victoria, IH; J Ties Boerma and Sr. Scientist Jennifer Bryce, IH</td>
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<tr>
<td>Assistant Professor Asha George</td>
<td>The Manifest Project as a part of governance improvement: the role of action research and reflective practice</td>
<td>Ligia Etkrapa-Kiracho (Makerere University School of Public Health), Harriet Niyagama (Ministry of Health, Kamuli District)</td>
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<tr>
<td>Professor Adnan Hyder</td>
<td>Unlocking community capability: A review of definitions, dimensions and measurement</td>
<td>Kerry Scott, PhD candidate, IH, Jose Gutierrez, MPH candidate, IH, Upana Ghosh (Indian Institute of Health Management Research), Peter Wairase (Makerere University) and Prof. David Peters, IH</td>
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<tr>
<td>Associate Professor Sara Bennett</td>
<td>Conceptual barriers and opportunities for the production, reproduction, translation and implementation of health systems research</td>
<td>Same as above</td>
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<td>Poster</td>
<td>Characterizing disability at the Iganga-Mayuge Demographic Surveillance System (IMDSS), Uganda</td>
<td>Poster: Institutional strengthening in health systems research: Experiences with a capacity-assessment tool in seven African schools of public health</td>
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<tr>
<td>Associate Professor Sara Bennett</td>
<td>Addressing complexity and learning in evaluations: A study on the transition of a large HIV-prevention programme in India to local ownership</td>
<td>Suneeta Singh (Amalas research), Assistant Scientist Sacha Otomo, Kriti Singh (Amalas Research) and Assistant Scientist Daniela Rodriguez</td>
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Community-based service delivery for promoting child survival: Four proven strategies from a comprehensive review | Poster: Health Systems Strengthening and the Role of Communities: Evidence from a Systematic Review |

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<td>Michael Humes</td>
<td>Importance of supervision for high quality reporting of deaths and births by community-based volunteers in Northern Ghana</td>
<td>Gareth Jones, IH, Daniel Arifinul (University of Ghana), Benjamin Abubu (University of Ghana), Dzidzorn Awulade (University of Ghana) and Kate Gilroy, IH</td>
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<tr>
<td>Professor Adnan Hyder</td>
<td>Exploring the ethics of long-term research engagement with communities in low- and middle-income countries</td>
<td>Carleigh Kreibhimer, HPM, Gerald Bloom and Abbas Bhiyani</td>
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<th>Presentation</th>
<th>Other Authors (Hopkins in Bold)</th>
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<tr>
<td>Kejo Osei-Bonsu</td>
<td>Capacity investments at the base of the health-system pyramid: An analysis of community engagement strategies and community scorecards in Afghanistan</td>
<td>Associate Scientist Abdi Rashid Edwards, IH, Associate Melissa Roach, IH, Anubhab Agarwal (Indian Institute of Health Management Research), Said Habib Atwal (Ministry of Public Health Afghanistan) and Jeremy Acheche (Institute of Development Studies)</td>
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<td>Ligia Paina</td>
<td>Dual practice in Uganda: Health workforce management in a complex adaptive system</td>
<td>Freddie Smoogha (Makerere University), Associate Professor Sara Bennett, IH, Prof. David Peters, IH</td>
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<td>Professor David Peters</td>
<td>Expecting the unexpected: Applying the develop-op-distort dilemma to maximize positive market impacts in health</td>
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<td>Assistant Scientist Daniela Rodrigues</td>
<td>Evidence, ideas and integrated community care management in sub-Saharan African countries</td>
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For complete Symposium Information: http://luz2012.abstractsummit.org/
For the 17th year, the NFL Players Association (NFLPA) and Johns Hopkins Center for American Indian Health have partnered to host an *Evening with the Stars Gala*. This special event raises awareness for American Indian youth and their families. Proceeds from the event benefit NativeVision’s *Sports and Life Skills* program, a national initiative designed to promote healthy lifestyles and education for Native American youth and families. The event, which was held in November, was emceed by former Washington Redskin, Brian Mitchell. So far it has raised over $200,000 to support the *Sports and Life Skills* program. For the complete story, visit the NFL Players Association’s website: [http://proplayerinsiders.com/nflpa-and-john-hopkins-raise-awareness-for-native-american-youth-and-their-families/](http://proplayerinsiders.com/nflpa-and-john-hopkins-raise-awareness-for-native-american-youth-and-their-families/)

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**Student Profile**

Kelsey Zeller, MSPH candidate
Global Disease Epidemiology and Control

Kelsey Zeller is a Johns Hopkins University — Global mHealth Initiative (JHU–GmI) intern completing a six-month practicum in Bangladesh. As a second-year MSPH student from the Global Disease Epidemiology and Control program, Kelsey has experienced first hand what is required to take an mHealth intervention from theory to reality. She is working closely with a Hopkins’ collaborating partner, mPower Health, to incorporate research needs and field requirements into a mobile health system design.

Kelsey was also involved in the formative research for mTikka—a project that aims to increase timely vaccination across Bangladesh. She observed immunization sessions, discussed challenges in immunization with vaccine workers, and guided these vaccine workers through system mock-ups to gather user comments and feedback.