

WDI STUDENT INTERNS LOOK TO MAKE IMPACT AROUND THE WORLD

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Twenty-one UM students are spending the summer in countries around the world working with innovative organizations as part of the WDI Global Impact Student Internship program.

WDI divides its summer internships into two categories – Institute initiated and student initiated.

The 14 students who chose a WDI-initiated internship partner with an organization identified by the Institute that is doing work related to one of its research initiatives: base of the pyramid, health care, sustainable development, and globalization of services.

The 7 students who chose to do a self-generated internship identified and contacted an organization in an emerging market that is doing innovative work. The student, along with the organization, co-defined an opportunity, received a commitment from the organization, and submitted a proposal to WDI.

The 21 interns come from eight different departments, schools, and colleges at UM. These include: the Ross School of Business; the Ford School of Public Policy; the School of Public Health; the School of Natural Resources and Environment; Medical School; School of Information; the Law School; and the Taubman College of Architecture and Urban Planning.

They will work in 15 countries. They are: Indonesia; Cambodia; China; Rwanda; India; Mozambique; Somaliland; Peru; Ghana; Jordan; United States; Ecuador; Bhutan; Tanzania, and Uganda.

Several of the organizations that students are working with this summer have been partners with WDI in the past. CARE, PATH, and GE Healthcare have partnered with WDI and its students on internships for the past four years. PharmaSecure, Druk Holding & Investments, and Ruli Hospital also are past partners.

“WDI’s internship program allows University of Michigan students to put into practice the things they have learned in the classroom by immersing them in the field with businesses and organizations doing interesting work in emerging market countries,” said WDI’s Chief Operating Officer Rosemary Harvey. “Many students come back from their internships energized, motivated, and with a clearer vision of the career they want to pursue.”



INSTITUTE-INITIATED

Ben Chen

ROSS SCHOOL/SCHOOL OF NATURAL RESOURCES & ENVIRONMENT

GE Healthcare // India and China
GE Healthcare's Maternal Infant Care has been a pioneer in advancing neonatal care around the world, including its Infant Warmer, Phototherapy units, and incubators. GE Healthcare's Rural Health Initiative has taken the company into new, underserved markets.

Chen will help GE Healthcare's Maternal Infant Care business understand new markets, and define a strategy to viably serve these markets in order to positively affect infant mortality at the base of the pyramid.

Mary Fritz

ROSS SCHOOL/SCHOOL OF NATURAL RESOURCES & ENVIRONMENT

Wello // India

Wello is a social venture with a mission to effectively deliver clean water. Wello has developed an innovative business model that empowers individuals to use the

WaterWheel as an income-generating tool to lift their families out of poverty.

Fritz will develop an impact assessment strategy to allow Wello to effectively and accurately evaluate its social impact and quantify its social return on investment.

Daniel Bickley

ROSS SCHOOL/MEDICAL SCHOOL

Ruli Hospital // Rwanda

Ruli District Hospital is a 150-bed hospital with 8 physicians on staff about 50 miles from Kigali. The Rwanda government and user fees fund the hospital.

Bickley will work with the hospital and a network of health centers to analyze the complex chain of information flowing between clinicians and administrators and between the different levels of the Rwandan health care system. He will provide recommendations and implement improvements that are congruent with and sustainable within the existing health care system.

Mesbah Ahmad

ROSS SCHOOL OF BUSINESS

Global Entrepreneurship Program // Indonesia

The Global Entrepreneurship Program (GEP) is a U.S. State Department-led effort to promote and spur entrepreneurship around the world.

Ahmad will assist in developing the business model of an incubator. He also will work on a highly impactful investment program to catalyze funding for up to five social enterprises that focus on sustainability and social impact.

Jennifer Hsieh

ROSS SCHOOL OF BUSINESS

Start Up! // India

Start Up is an angel investor for social entrepreneurs. It invests time, expertise and non-financial resources to launch ideas of social change.

Hsieh will help incubate a social business

and help it scale as an independent business. To accomplish this she will identify key markets, define product and service categories, and create and pilot a first-level marketing plan.

Lilly Connett

SCHOOL OF NATURAL RESOURCES & ENVIRONMENT

VillageReach // Mozambique

VillageReach improves access to healthcare for remote, underserved communities around the world. It partners with governments, businesses, nonprofits, and other organizations to improve the performance and reliability of health systems in the most inaccessible and isolated communities.

Connett will implement a comprehensive study documenting the range of challenges in the delivery of vaccines, diagnostic tests, and medicines to rural communities in Mozambique.



Pallavi Suresh

ROSS SCHOOL OF BUSINESS

Zagaya // USA

Zagaya was established in 2011 to ensure access to affordable malaria treatments in the developing world. Zagaya licenses technologies that allow it to partner and collaborate to solve problems. Over the longer term, Zagaya is committed to ensuring ACTs remain affordable by reducing the cost of raw materials, manufacturing, formulation with co-drugs, packaging and distribution.

Suresh will develop a detailed analysis and strategy for anti-malarial supply chains.

Dave Yeh

ROSS SCHOOL OF BUSINESS /SCHOOL OF PUBLIC HEALTH

Clinton Health Access Initiative

// Tanzania, Uganda, Ghana

The Clinton Health Access Initiative (CHAI) is a global health organization committed to strengthening integrated health systems in the developing world and expanding access to care and treatment for HIV/AIDS, malaria, and tuberculosis. CHAI's solution-oriented approach focuses on improving market dynamics for medicines and diagnostics; lowering prices for treatment; accelerating access to life-saving technologies; and helping governments build the capacity required for high-quality care and treatment programs.

Yeh will conduct detailed analysis, and coordinate with the Tanzania, Ghana, and Uganda Ministry of Health and NGO partners to develop an effective pharmaceutical distribution system.

Maharshi Vaishnav

FORD SCHOOL OF PUBLIC POLICY

Grameen Foundation

// Indonesia

Grameen Foundation helps the world's poor, especially women, improve their lives and escape poverty by helping to provide access to appropriate financial services (such as small loans and savings accounts), new ways to generate income, and important information about their health, crops, and finances.

Vaishnav will devise a "go-to-market" strategy for the Indonesian market so Grameen's AppLab can deploy its mobile solutions more broadly in the country. In addition, he will also work with a set of Grameen Foundation's partner companies focused on agricultural value chains.

Nour Shammout

TAUBMAN COLLEGE OF ARCHITECTURE AND URBAN PLANNING AND THE FORD SCHOOL OF PUBLIC POLICY

Vittana // Jordan

Vittana, the Seattle non-profit facilitating micro-loans to students in developing countries, aims to help students around the world attend post-secondary schools. Donors offer to pay for students' tuition by lending them small amounts – typically \$25-50. Student repayment rate is 99 percent.

Shammout will evaluate the successes and challenges of Vittana's current student loan products to determine the appropriate strategic approach for modifying existing loan products and scaling student microloan programs in Jordan.

Yannick Wood

LAW SCHOOL

Druk Holdings & Investments

// Bhutan

Druk Holding & Investments (DHI), established by Royal Charter by the King of Bhutan, holds and manages commercial companies of the government, makes new investments, raises funds, and promotes private sector development.

Wood will conduct a comparative study of Bhutan's existing company law with those in selected countries in the region. His assignment also includes researching the tax laws of Bhutan and coming up with suggestions on how they can be revised.

Arianne Tjio

ROSS SCHOOL OF BUSINESS

PATH // India

PATH is an international, nonprofit organization that creates sustainable, culturally relevant solutions, enabling communities worldwide to break longstanding cycles of poor health.

Tjio will develop an in-depth country assessment of the market opportunity for milk banking in India and to identify areas in which PATH can accelerate the expansion and adoption of human milk banks.

Julianna Oswald

ROSS SCHOOL OF BUSINESS

PATH – NASG

// Ghana and Uganda

PATH is an international, nonprofit organization that creates sustainable, culturally relevant solutions, enabling communities worldwide

to break longstanding cycles of poor health.

Oswald will develop a supply chain strategy for a medical device which treats women with uncontrollable postpartum hemorrhage by controlling the bleeding, reversing the shock, and stabilizing the patient for safe transport to a comprehensive obstetric care facility. So far, the device's benefits have been limited by its high cost of distribution and large minimum order quantity. It is expected that her work will alleviate these barriers and enable broader distribution of the device in order to save more mothers' lives during childbirth.

Javier Rivera

ROSS SCHOOL OF NATURAL RESOURCES & ENVIRONMENT

PharmaSecure // India

PharmaSecure is a social enterprise founded in 2007 to address the problem of drug counterfeiting around the world. PharmaSecure features Unique Identification codes that can be printed or affixed onto every single unit of a medicine and verified by a consumer at the point of purchase via a text message or on the web. It also has communication modules that can be used by manufacturers to reach out to consumers who have purchased their medicines for the purpose of prescription refill notifications, information about new products, and reminders to take their medicines.

Rivera will develop a study to gain insight into the rural market for PharmaSecure. The study will focus on consumer behavior, pharmacist response to PharmaSecure solutions, and strategies to raise authentication rates.



STUDENT-INITIATED

Brett Trzcinski

MEDICAL SCHOOL

The Quito Project // Ecuador

The Quito Project's mission is to collaborate with local partners in developing evidence-based solutions that support and build capacity in the health, education, and social sectors. The Quito Project's staff work alongside public health and clinical professionals in Quito, drawing on existing evidence to develop public health interventions targeted to specific problems.

Trzcinski will work on Proyecto Telesalud, a mobile device intervention that seeks to improve follow-up care for new mothers and their babies. His role is to conduct randomized control trials, help enroll patients in the study as well as develop a cost/benefit analysis for the intervention.

Claire Barco

SCHOOL OF INFORMATION

Concordia Welfare & Education Foundation // China and Cambodia

Concordia Welfare and Education Foundation (CWEF) is a Hong Kong-based, non-profit organization dedicated to poverty alleviation through education and service. CWEF coordinates and directs projects in three main areas: traditional education; public health and sanitation; and rural development.

Barco will refine the content management system (CMS) and create training materials on the new CMS. She also will help develop a fundraising strategy using the new system.

Adam Byrnes

ROSS SCHOOL/ SCHOOL OF NATURAL RESOURCES & ENVIRONMENT

Simpa Networks // India

Simpa Networks is a venture-backed technology company with a mission to make modern energy simple, affordable, and accessible for everyone. Simpa has introduced a product and business model that will make sustainable energy choices "radically affordable" to the 1.6 billion base of the pyramid (BoP) consumers who currently lack access to electricity.

Byrnes will explore new markets for Simpa's technology, analyze various business models and provide strategic recommendations based on field and other research.

Patrick Huang

ROSS SCHOOL OF BUSINESS

Village Capital // India

Village Capital uses the power of peer support to build enterprises that change the world. Inspired by the concept of the "village bank" in microfinance and peer support groups, Village Capital puts the hard tasks of building companies—criticism, strategy, feedback, and legwork—in the hands of entrepreneurs

themselves. Village Capital organizes cohorts worldwide and runs education programs focused on intensive peer review.

Patrick will work to identify partner organizations to collaborate with Village Capital, conduct due diligence in identifying promising entrepreneurs who are driven to alleviate poverty or reduce environmental impact, build capacity of those entrepreneurs in developing business plans, and obtain investments to increase scale.

Orson Kerrigan

ROSS SCHOOL OF BUSINESS

CARE Peru // Peru

CARE is one of the world's largest private international humanitarian organizations, committed to helping families in poor communities improve their lives and achieve lasting victories over poverty.

Kerrigan will develop a business plan for berry farmers in Peru for cultivation and international commercialization.

Mohamed Gulaid

SCHOOL OF INFORMATION

Abaarso Technical School

// Somaliland
Abaarso Tech (AT) is an educational institution leading change in the Horn of Africa through education and leadership development programs. AT works to improve education in Somaliland three ways: by providing a

world-class secondary boarding school for the country's brightest students; offering Somaliland's first internationally competitive undergraduate and graduate university studies; and leveraging secondary and university students to provide primary school tutoring.

Gulaid will assist in developing a new IT curriculum based on market needs, teach an introductory class on web development, and coordinate a mentorship program for Abaarso Tech students by Somaliland diaspora in the U.S.

Muriel Makarim

ROSS SCHOOL OF BUSINESS

Endeavor Indonesia

// Indonesia

Endeavor is leading the global movement to catalyze long-term economic growth by selecting, mentoring, and accelerating the best high-impact entrepreneurs around the world. Endeavor helps these entrepreneurs unleash their potential by providing an unrivaled network of seasoned business leaders, who provide the key ingredients to entrepreneurial success—mentorship, networks, strategic advice, and inspiration.

Makarim will identify the first batch of Endeavor Entrepreneurs from Indonesia and help them create a business plan. She also will develop and grow a network of Indonesian stakeholders.