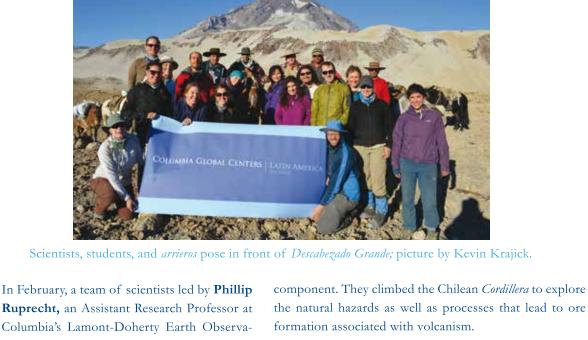
Photographs by Kevin Krajick.

# FIELD-TRIP BY COLUMBIA VOLCANOLOGISTS

Africa | East Asia | Europe | Latin America | Middle East | South Asia | Turkey



tory, visited the Quizapu Volcano in Southern Chile as part of a field trip research project In particular, the group focused on one of the most histo-

financed by the President's Global Innovation Fund (PGIF). Besides Ruprecht, three other faculty members participated in the expedition (from the Lamont Center and from the Universities of Hawaii and Michigan). The group also inclu-

ded two postdoctoral researchers and four PhD students from Columbia as well as local students from Universidad de Concepción and Universidad de Chile. After a seminar series held at the Santiago Center, which was attended by local geologists and volcanologists, the group left for Talca, in

Maule Region, for the eight-day field trip

rically active places in Chile -the volcanic cluster around Descabezado Grande, including Quizapu, which erupted in 1846 and 1932. The latter provided a unique "volcano park" to discuss magma generation and transport, erupti-

ve behavior and volcanic processes, among many other earth-sciences related topics. The highlight of the workshop was a day hike to the crater (>3100 m elevation - a very windy place) where participants could grasp the forces and dimension of these historic eruptions by looking into the 800 m wide crater and seeing the many stages of eruptive activity it experienced. The goals of this joint-project between Chilean earth scientists and Lamont faculty was to identify common future research interest and develop new bonds. More extensive collaborations are on their way.

FIELD-TRIP BY COLUMBIA VOLCANOLOGISTS IN PICTURES



Horses hauled the participants' food, tents and heavier gear and,

on the last day, the participants themselves.

Vasts areas are pocked by explosion craters and covered with

volcanic ash. In the background, Descabezado Grande volcano.





and Applied Science at Columbia University (SEAS), and Dean Juan Carlos de la Llera, from the School of Engineering at the Universidad Católica (UC) reached an agreement to create an Engineering Research Seed Grant Program.

researchers obtained funding for their projects:

Shelf Operation in Big Retail Stores.

for Musculoskeletal Tissue Repair Regeneration.

Disease.

Its aim is to benefit joint teams of faculty members who use these funds to stimulate initial research conversations and interactions that can lead to deeper collaboration in several engineering disciplines, including Sensing; Imaging and Visualization; Health and Wellness; Resilience and Sustainability; Data Science; Computation-Based Engineering; Advanced Materials and Devices; and Communication, Information and Cybersecurity (including the Internet of Things). Five joint teams of SEAS-UC



The group enjoys a fire made with scavenged shrub wood.

Francisco García, a student form Universidad de Concepción,

digs through ash layers.

Dean Mary C. Boyce.

### • Tal Danino and Daniel Garrido: Synthetic Biology and Microbiome Engineering Applications for Health.

In December, a team led by the Assistant Professor of Pediatrics in the Division of Infectious Diseases at the College of Physicians and Surgeons of Columbia University, Paul Planet, MD, travelled to Chile to participate in a two-day Symposium entitled "Rise and Spread of Antibiotic-Resistant Microorganisms in

Two-Day Symposium on Antibiotic Resistance

• Jacob Fish and Diego Celentano: Multiscale Modeling of Nodular Cast Iron.

• Andrew Laine and Daniel Hurtado: Image-based Computation for the Quantification of Cardiac and Lung Deformation in Understanding Processes of

• Shih-Fu Chang and Álvaro Soto: Visual Recognition Technologies to Support

•Clark Hung, Helen Lu and Loreto Valenzuela, Hugo Olguín: Electrotherapeutics

the Americas", held in conjunction with the Facultad de Medicina Clínica Alemana-Universidad del Desarrollo. During the event, specialists in infectious diseases, microbiology, and genomics from North and South America presented a state-of-the-art technological approach and discussed strategies for halting the spread of antibiotic-resistant pathogens. Paul Planet.



THE FOREIGN CORRUPT PRACTICES ACT (FCPA) & ITS IMPLICATIONS FOR CHILE Michael Fine, Senior Ethics & Compliance Advisor at LRN in Washington DC, participated in a workshop organized by the Center on the challenges that

the increasing extraterritorial enforcement of the FCPA poses to Chilean

His lecture, which was co-sponsored with the North American Chilean Chamber of Commerce (AmCham) and Universidad Católica's Center for Corporate Governance, raised huge interest from local law firms and corporate legal counsels interested in learning how to build effective compliance programs,

He gave a lecture at the Santiago Center, which was attended by

local scientists and policymakers, and participated in a roundtable discussion with businesspeople to comment on the investing opportunities opened by the COP21 agreement reached in Paris last December. The Center co-sponsored these events with the North American Chilean Chamber of Commerce (AmCham) and the Center of Business Leaders against Climate Change (CLC)

Professor Gerrard, who is also Chair of the Faculty of Columbia's Earth Institute, met with Universidad Católica's experts on Global Change to discuss collaboration opportunities in the areas of climate, water and renewable energies research. He also had

the opportunities to discuss viewpoints and make suggestions in

a meeting with the Chilean lawyers working on local draft legisla-

Dale B. Eppler, Deputy Chief of Mission, U.S. Embassy in Santiago.

develop internal controls and carry-out due diligence procedures.

affiliated to Universidad de Chile.

tion on climate change.



VISIT OF COLUMBIA TOP EXPERT ON CLIMATE CHANGE M CHILE

companies that do business with the U.S.



During the roundtable discussion, Dieter Linneberg from CLC and Tatiana Molina from AmCham.



The Center's Director Karen Poniachik.



field during children's early formative years and by developing the

The Santiago Center hosted the graduation of the first generation of nine Chilean female web developers that studied at Laboratoria, a

Francisco Díaz.

sense of curiosity and wonder among them.

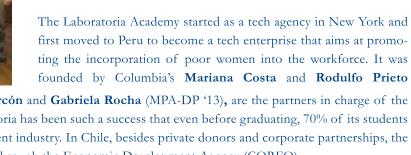
### Columbia Global Centers | Santiago. GSAAP ALUMNI SPEAK AT HARVARD

upon problematics that are relevant to Latin America.

social enterprise that empowers young women from low-income backgrounds by giving them access to education and work in the digital sector. (MPA-DP '13). Two other SIPA alumni, Marisol Alarcón and Gabriela Rocha (MPA-DP '13), are the partners in charge of the Chilean and Mexican operations, respectively. Laboratoria has been such a success that even before graduating, 70% of its students have been offered employement in the web development industry. In Chile, besides private donors and corporate partnerships, the institution receives government funding and support through the Economic Development Agency (CORFO).

SUCCESSFUL SOCIAL ENTERPRISE CREATED BY SIPA ALUMNI

In February, Francisco Díaz (GSAAP '13) presented the book "Who Cares for Chilean Cities?" at Harvard's Graduate School of Design. The publication was partly financed by the Santiago Center in the framework a research project on Chilean architecture, public space and urban projects that involved scholars from the Graduate School of Architecture, Planning and Preservation (GSAAP) and local universities. His lecture was preceded by a presentation by Alejandro de Castro (GSAAP '09) on the activities and projects of GSAAP's Latin Lab, an academic space designed to explore, study, reflect around and act



Marjorie Agosin, Nancy Nicholls, and Carlos Peña. through her work as volunteer at the Rothchild Hospital. She is the only Chilean honored by Israel's Yad Vashem Holocaust Museum as a Righteous among Nations and also received

France's Chavelier de la Legión d'honneur medal. The book was

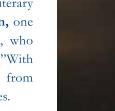
commented by Marjorie Agosin from Wellesley College,

Nancy Nicholls from Universidad Católica and Carlos Peña

from Universidad Diego Portales.



Álvaro Fischer, Carlos Peña and Rabbi Eduardo Waingortin. In early March, the Santiago Center sponsored a literary function in New York featuring Carla Guelfenbein, one





BOOK LAUNCH: HONORING A RIGHTEOUS AMONG NATIONS FROM CHILE

Buscando a María Edwards

Patricia Politzer, Claudio Mandler and Andrea Jeftanovic.

## Award-winning Chilean Novelist Speaks in New York



presented her latest book "Contigo en la Distancia" ("With you in the Distances"), followed by comments from journalists José Manuel Simián and Manuel Santelices. The event took place at the Cervantes Institute and was also sponsored by the Embassy of Chile in the U.S. This

The Santiago Center teamed-up with the local Jewish Community, the Museum of Memory and Human Rights and Universidad Católica's History Institute to present the book "Buscando a María Edwards" (Searching for María Edwards) by María Angélica Puga. The author is the great-grand daughter of María Edwards, a Catholic member of Chile's economic and social elite who lived in France during World War II, where she enrolled in the Resistance and helped to save Jewish children

María Angélica Puga.

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Carla Guelfenbein of the most respected and admired local writers, who book was awarded the Alfaguara Fiction Prize 2015.

Members of María Edward's family.