Open Innovation Transforms a Village
An international exchange between the US & India

The Garwood Center at UC Berkeley was commissioned by the Government of India, State of Andhra Pradesh to create the first scalable smart village prototype in Mori. Over 24 firms are involved in prototyping, including many prominent Silicon Valley firms. Professor Solomon Darwin and Professor Henry Chesbrough have taken this project to further develop their research in Open Innovation and Business Models to empower the bottom of the pyramid. Current field research looks at how to better understand rural economies in the Smart Village context. This is an exciting time for India, as it is the first project of this scale to be fully funded by the government. “Efforts from all parties have been astounding, and commitment to this initiative has begun from the top,” says Solomon Darwin.

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The 3rd Annual World Open Innovation Conference will be held in collaboration with ESADE Business School. The conference is unique for bringing together both academics and industry executives. Attendees will learn how firms around the world are fostering open innovation between themselves, universities, start-ups, and venture capital, as well as with policymakers in the European Union.

Last year, the World Open Innovation Conference was a sold-out event, with academics and industry leaders from around the world. Europe is a hot-spot for Open Innovation, and we expect a full house!

For more information on how to register: w oi c.corporateinnovation.berkeley.edu
Prototyping Scalable Smart Villages in India

The Smart Village team, together with the Andhra Pradesh government is conducting research for the co-innovation process in the village of Mori. Research engages technology firms and villagers on the ground to produce a scalable smart village model. The model offers multinational companies the opportunity to generate profits for themselves as they scale their business models derived from their co-innovation efforts to the rest of the 38,000 villages. India as a whole will benefit as the firms extend their models to the rest of India’s 650,000 villages.

The Spring 2016 Berkeley Innovation Forum hosted another successful event. This year, CISCO and IBM sponsored the very first joint BIF in the heart of Silicon Valley. BIF members travelled to the 2-day event to learn about: “Customer Integration Through Open Innovation.” The event brought together corporate leaders from across the globe. This year’s BIF welcomed new members - their first BIF experience had a lasting impact. New and seasoned members alike commented that BIF helped them find a niche in the Open Innovation space, as it is informative, innovative, and inspiring.
Professor Henry Chesbrough leads an Open Innovation seminar every Monday. Chesbrough opened the seminar to anyone interested in learning more about Open Innovation. As a result, attendees from diverse backgrounds join the seminar every week. This space also becomes a platform for PhD scholars to present their latest research in Open Innovation.

Visiting Scholars at Garwood Center

**Frédéric Le Roy**
Professor in Strategic Management at the University of Montpellier & Montpellier Business School, France. He is the director of Montpellier Research Management – Strategy Group and director of the Master Consulting in Management.

**Eleanor Chiara De Marco**
Ph.D. candidate in Management of Innovation at Scuola Superiore Sant’Anna (Pisa, Italy). Her research interest focuses on Open Innovation and the support to decision-makers on innovation policy for small businesses in Europe.

**Mathias Aaen Thuesen**
Fulbright Fellow from Aarhus University, Denmark. His research focuses on forms of knowledge creation in knowledge ecosystems, with a particular interest in the practices of collaboration across organisational boundaries.

**Ivanka Viznjic**
Professor at ESADE University. Together with co-authors, Ivanka studies the largest 50 firms in the global pharmaceutical industry from 1990-2014. She seeks to contribute to the understanding of the process and timing of organizational adaptation.

**Donghui Meng**
Donghui Meng, from the Tsinghua University in China studies Open Innovation and Absorptive Capacity in Latecomer Countries: An Empirical Study on Automotive and High Speed Train Industries in China.

Quora, an internet website that aggregates answers to questions, posted that Henry Chesbrough, the originator of Open Innovation, has been selected as one of “the biggest star faculty members at University of California, Berkeley.”
**CAMBRIDGE** May 2016

Professor Solomon Darwin gave a lecture on Open Innovation at Cambridge University for the Innovate for India program.

**AMSTERDAM** May 2016

Professor Henry Chesbrough was invited as a keynote speaker at the Open Innovation 2.0 Conference in Amsterdam.

**COLOMBIA** May 2016

Professor Solomon Darwin introduced Open Innovation to a group of executives at the Japan Innovation Day in Colombia.

**INTERNATIONAL COMPANIES VISITED BY GARWOOD LEADERS**

- Telefonica
- ESADE
- PHILIPS
- IBM
- CISCO
- Wipro
- Google
- FUJITSU
- USINDIA Business Council
- P&G
- University of Cambridge
- Tech Mahindra
- Intel
- DJ Apollo

**GARWOOD FACULTY**

- **OUTBOUND VISITS**
- **INBOUND VISITORS**

**INTERNATIONAL VISITS**

**ISRAEL** May 2016

Professors and Industry Executives from Israeli College of Applied Sciences visit Garwood Center to learn about Open Innovation.

**INDIA** June 2016

AIMA (All India Management Association) and India Executives visit Berkeley-Haas for a two week training on Open Innovation and Business Models.

**BRAZIL** July 2016

The Olympics committee from Rio de Janeiro met with Professor Henry Chesbrough with interest in Open Innovation and how it applies to the Olympics Business Model.
Professor Solomon Darwin introduced Open Innovation to a group of executives at the Japan Innovation Day in Colombia.

Professor Henry Chesbrough visits Intel Labs in Ireland. Pictured above: Martin Curley, Vice President & Director, Intel Labs Europe, Intel Corp.

Professor Solomon Darwin & Smart Village team India begin Smart Village prototype in Mori, India.

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Chinese executives made their annual visit to Berkeley-Haas to gain a better understanding on how they can continue using Open Innovation in their companies.

Norwegian University of Science and Technology professors and executives joined Professor Henry Chesbrough for a one-day lecture on Open Innovation.
Leaders from around the world gathered on July 8th at the Haas School of Business to attend the inaugural US-India Conference, an event organized by the Garwood Center for Corporate Innovation, and AIMA (All India Management Association). The conference, which followed Indian Prime Minister, Narendra Modi, and President Obama’s 7th meeting since 2014, reinforced how important the Indo-US partnership has become. The conference attracted more than 300 attendees!

The Garwood Center (represented by Solomon Darwin) was invited to the FOG Summit 2016. The event addressed challenges and opportunities with current topics of global impact. Topics focused on sustainability, social and environment impact in the global context.

Executives from AIMA (All India Management Association) joined Silicon Valley executives at the GE headquarters for a roundtable discussion on Industrial Internet / Cyber Security/ Artificial Intelligence, and an opportunity to hear from Uday Tenney, Director, Strategic Engagements & Innovation at GE Digital.
Henry Chesbrough gave an Open Innovation presentation to executives at Fujitsu’s Open Innovation Gateway.

The U.S. Navy invited Professor Henry Chesbrough, tech industry CEOs, venture capitalists, and founders, along with Navy innovators to the Innovation Summit Afloat. The summit explored how to best connect government and industry segments of the U.S. high tech community to pursue areas of common concern; and the development of technology ventures relevant to the economic and security interests of the nation.

IBM World of Watson hosted their annual data conference in Las Vegas. Many prominent speakers were invited. Among them was Professor Darwin who talked about how Open Innovation has been a key success factor in the development of the Smart Village project in India. His topic focused on what it looks like to Co-Innovate, and Strategize to Empower the Bottom of the Pyramid.

Professor Darwin was invited as a closing keynote to Solix Empower event to speak about his current work in Smart Villages. The Solix event examines big data and how developments in advanced analytics and cloud infrastructure are transforming the business intelligence landscape.

Open Innovation 2.0 Forum welcomed innovation experts, policy-makers, people from academia and citizens to Amsterdam on May 23 and 24. The 2016 edition of the event was held under the label of the Dutch EU Presidency and co-organized by the European Commission DG CONNECT’s Open Innovation Group (OISPG). It gathered more than 300 people around the world. Themes focused on: Open Innovation 2.0 and Digital Single Market, ePlatforms, Data-Driven Innovation, Urban Agenda, Future Cities, Living Labs, and Business Challenges.

A group of high school students attended Berkeley-Haas for a summer course on entrepreneurship. Professor Darwin equipped students with tools to work on Business Models, and understand Open Innovation.
Open Innovation in the Digital Age

What does Open Innovation look like in the Digital Age? Renowned academic scholars, leading companies and innovators gather to exchange ideas and gain insight into how Open Innovation is applied in the digital world and across industries. This year, ESADE Business School welcomes the 3rd Annual WOIC. Barcelona has become a hub for Open Innovation, and attracts prominent leaders in the field. It will be another sold out event. Don’t miss out!

Featured Speakers and Presenters:

Henry Chesbrough
Professor, Berkeley-Haas & ESADE

Gerardo Pisarello Prados
Vice Mayor of Barcelona

Ferran Adrià
Founder of elBulli Foundation

Marcel Planellas
Professor, ESADE

George Yip
Professor, Imperial College London & CEIBS

Yan Xu
Associate Dean, HKUST Business School

Xiaolan Fu
Founding Director, Oxford Technology & Management Centre

Max von Zedtwitz
Director, GLORAD

Eugenia Bieto
Director General of ESADE

Carlos Moedas
EU Commissioner for Research, Sci. & Innovation

Ivan Bofarull
Innovation Catalyst & Head of Global Intelligence Office, ESADE

Keegan Pierce
Global Sports Consultant & Lecturer in Sports Management, ESADE

Alberto Prado
Vice President, Head of Digital Accelerator, Royal Philips

Jorge Juan Fernández García
Director, E-Health, Hospital Sant Joan de Déu Barcelona

Pere Obrador
Open Innovation Program, Telefonica R&D

Wim Vanhaverbeke
Professor, Hasselt University WOIC Conference Co-Chair

Solomon Darwin
Professor, Berkeley-Haas WOIC Conference Industry Chair

Marcel Bogers
Professor, University of Copenhagen WOIC Conference Academic Chair

Ann-Kristin Zobel
WOIC Associate Program Chair

Jonathan Sims
WOIC Associate Program Chair