

**TED**

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# Fellow Speaker Guide

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PRIMARY LOCATION

Amsterdam

SECONDARY LOCATION

Australia

## Lucy McRae

Body architect

EMAIL

lucy@lucymcrae.net

PARTICIPATION

KNOWLEDGEABLE ABOUT

MY WORK

<http://lucymcrae.net>

TALKS & PERFORMANCES

REVIEWS

BIOGRAPHY

I am an artist who straddles the worlds of fashion, technology and the body. Trained as a classical ballerina and architect, my work – which is inherently fascinated with the human body – involves inventing and building structures on the skin that reshape the human silhouette.

PRIMARY LOCATION

Argentina

SECONDARY LOCATION

## Constanza Ceruti

High-altitude archeologist + anthropologist

EMAIL

constanzaceruti@hotmail.com

PARTICIPATION

Speaking

KNOWLEDGEABLE ABOUT

Sacred mountains  
Inca archaeology  
Ice mummies  
Andean anthropology  
Mountain pilgrimage

MY WORK

*Inca Rituals and Sacred Mountains* – coauthored with Johan Reinhard  
Featured in National Geographic documentaries

TALKS & PERFORMANCES

Ted Global 2009 Oxford  
Tedx Buenos Aires 2010

REVIEWS

BIOGRAPHY

I'm the only female Andean high-altitude archaeologist in the world. I have climbed and explored more than 100 mountains above 5,000 meters in elevation. I am one of few anthropologists studying sacred mountains worldwide. I co-discovered the best-preserved mummies at the world's highest archaeological site. I am a National Geographic Emerging Explorer and the recipient of many international awards. I have authored 80 academic publications, including eight books. The most recent, *Inca Rituals and Sacred Mountains*, was co-authored with Johan Reinhard and published by the Cotsen Institute of Archaeology at UCLA.

PRIMARY LOCATION

Australia

SECONDARY LOCATION

Sri Lanka

## Asha de Vos

Architect + design entrepreneur

EMAIL

kaustique@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Blue whales of Sri Lanka – the only non-migratory blue whales in the world that display a host of different behaviors from their counterparts in other ocean basins; the discovery of a new, never-before-studied population that has always been at our doorstep.

Breaking stereotypes – not only do the blue whales I work with break stereotypes, but being a female in a male dominated field in South Asia has its own set of gender-bias challenges, which I address.

### MY WORK

<http://whalessrilanka.blogspot.com>

### TALKS & PERFORMANCES

### REVIEWS

<http://bit.ly/HRAfWm>

### BIOGRAPHY

I study marine mammals, mostly but not restricted to blue whales. My interests lie in marine biology and oceanography, scientifically documenting and understanding species populations to better protect them in the face of increasing human threats.

PRIMARY LOCATION

Australia

SECONDARY LOCATION

## Sarah Jane Pell

Artist researcher + aquabatics

EMAIL

media@sarahjanepell.com

PARTICIPATION

Speaking, performing

### KNOWLEDGEABLE ABOUT

Deeper, deeper, deeper ... the artist-explorer.

How to dance with exponential technologies.

Disruptive thinking, sensing, feeling ... creating new worlds.

A philosophy-in-action approach to art & life.

Female commercial divers

### MY WORK

<http://bit.ly/HG1tG6>

<http://bit.ly/luLJUV>

<http://sarahjanepell.com>

### TALKS & PERFORMANCES

### REVIEWS

<http://bit.ly/luLl8H>

<http://bit.ly/IEcUvr>

<http://bit.ly/luLw3Y>

<http://bit.ly/cTuARZ>

<http://bit.ly/IEdidp>

### BIOGRAPHY

An interdisciplinary practitioner with a background in both fine arts and commercial diving, I collaborate with artists, scientists and architects to create a new experimental space to illuminate currently known concepts, and to invent, design and explore imagined futures with the intent to reengage with the fundamental creativity of human performance, expression and behaviors at the extremes of exploration and curiosity.

PRIMARY LOCATION

Belgium

SECONDARY LOCATION

USA

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## Angelo Vermeulen

Artist

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EMAIL

angelovermeulen@inbox.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Hybrid art  
Community art  
The future of space habitation.  
Art and science  
Experimental cinema in the digital age.

### MY WORK

<http://angelovermeulen.net>

### TALKS & PERFORMANCES

<http://bit.ly/cGjmlV>  
<http://bit.ly/HG6DBC>

### REVIEWS

<http://url.ie/5ckl>  
<http://url.ie/5ckk>

### BIOGRAPHY

I am a visual artist, filmmaker, biologist, and author. My research in ecology, environmental pollution and teratology informs my art, which includes bio installations, experimental setups incorporating living organisms and science fiction references.

PRIMARY LOCATION

Brazil

SECONDARY LOCATION

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## Juliana Ferreira

Forensic biologist

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EMAIL

jmachadoferreira@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Wildlife trafficking  
Wildlife forensic science  
Release of rehabilitated birds

### MY WORK

### TALKS & PERFORMANCES

<http://bit.ly/dePvv1>  
<http://bit.ly/HGqlet>

### REVIEWS

### BIOGRAPHY

I am interested in the development and establishment of wildlife forensic science and the use of science in crimes against wildlife. I also work against wildlife trafficking in Brazil (mainly birds and parrots) and, to some extent, work with rehabilitation and release of fauna.

PRIMARY LOCATION

SECONDARY LOCATION

Brazil

## Milena Rodrigues Boniolo

Environmental chemist

EMAIL

[milenaboniolo@usp.br](mailto:milenaboniolo@usp.br)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Water solutions

How to use banana peel to clean water.

Unusual solutions for cleaning wastewater.

### MY WORK

<http://amiranifilms.com/>

### TALKS & PERFORMANCES

<http://bit.ly/IF5Z2L>

<http://bit.ly/awWPmI>

<http://bit.ly/J7SGX6>

<http://bit.ly/hjMtJe>

<http://bit.ly/ILxJqc>

### REVIEWS

<http://bit.ly/HxbpwC>

<http://sg.sg/HAwMfu>

### BIOGRAPHY

I am a chemist developing methods to detect contaminants in the environment, particularly in water.

PRIMARY LOCATION

SECONDARY LOCATION

Bulgaria

USA

## Yana Buhner Tavanier

Architect + design entrepreneur

EMAIL

[yanabt@gmail.com](mailto:yanabt@gmail.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Human rights; LGBT rights; rights of people with disabilities.

Successful advocacy campaigning.

Media ethics – the future of journalism.

Art for social change.

The future of volunteering.

### MY WORK

<http://bit.ly/HE0Ez>

<http://dumpinggroundsforpeople.wordpress.com/>

### TALKS & PERFORMANCES

<http://bit.ly/HAoDrK>

### REVIEWS

### BIOGRAPHY

I am currently the campaign director of the biggest human rights NGO in Bulgaria. I have a background in journalism, and I am very much interested in media ethics. I have developed two media ethics codes, and am the author of several guidebooks for journalists. I also strongly believe in art for social change – I have had several photo exhibitions, and have directed two films on human rights issues. I also currently run an organization that facilitates, promotes and develops volunteering.

PRIMARY LOCATION

Canada

SECONDARY LOCATION

USA

## Yale Fox Nightclub behaviorist

EMAIL

yalefox@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Nightclub psychology and sociology  
Entertainment ventures  
Marketing and branding  
How the economy dictates trends in popular culture.

### MY WORK

<http://bit.ly/9BrrQn>

### TALKS & PERFORMANCES

<http://bit.ly/9BrrQn>

### REVIEWS

### BIOGRAPHY

I research social nightclub behavior with a particular emphasis on music and how it affects people at an implicit level. With a background in biology, psychology, and sociology, I investigate such topics as how music can affect bar sales and people's ability to multitask, how it determines listening patterns, and how the stock market can affect mood, which in turn predicts the characteristics of popular music. My research has been published in international publications, documentaries, and textbooks. My interests include nightlife psychology and sociology, human nature, the origins of music, and marketing.

PRIMARY LOCATION

Canada

SECONDARY LOCATION

## Sara Mayhew Manga artist

EMAIL

sara@ztarr.net

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Skepticism – promoting critical thinking and science literacy.  
Manga – using graphic novels to express big ideas.  
Women in entertainment – female character role models in comics, TV, and film.

### MY WORK

<http://saramayhew.com/wordpress/index.php/published-work/>  
[www.saramayhew.com](http://www.saramayhew.com)

### TALKS & PERFORMANCES

<http://bit.ly/cpbo4q>  
<http://bit.ly/cMuYzb>  
<http://bit.ly/qCOGdl>

### REVIEWS

<http://bit.ly/bpNdiY>  
<http://amzn.to/IEhcmH>

### BIOGRAPHY

I am a writer, manga artist and illustrator working to promote science education through manga. My work has been published by Owl Kids and Scholastic. I've spoken at TED2009, TEDActive 2010, the Center for Inquiry in Hollywood, and The Amaz!ng Meeting (TAM9) in Las Vegas. In 2010, Nokia featured my work in its Responsiveness campaign video on communicating the values of science literacy through art. The Ontario Arts Council recently awarded me a grant of \$10,000 from their Northern Arts program for my latest series, Legend of the Ztarr.

PRIMARY LOCATION

SECONDARY LOCATION

Canada

## Genevieve von Petzinger

Cave art researcher

EMAIL

gvonpetz@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Ice Age rock art and its implications for cognitive evolution.

Technological innovation in the Ice Age.

“What is a caveman?”

Inside the minds of the earliest humans.

The birth of culture and graphic communication.

### MY WORK

[http://bradshawfoundation.com/geometric\\_signs/index.php](http://bradshawfoundation.com/geometric_signs/index.php)

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am an archaeologist and PhD student in the department of anthropology at the University of Victoria. My main area of interest is European Ice Age rock art, created by our distant ancestors between 10,000 and 35,000 years ago, particularly the mysterious geometric imagery found on cave walls. I am intrigued by what we can learn when we use this type of behavior to identify cognitive and symbolic evolution in modern humans, as well as look for early patterns of migration and cultural borrowing.

PRIMARY LOCATION

SECONDARY LOCATION

Chile

Argentina | Spain | France

## Camilo Rodriguez-Beltran

Arts + science collaborator

EMAIL

camilo.rodriguezbeltran@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Community-based/participatory science – initiatives for demystification and democratization of scientific innovation.

Urban and public art – alternative pathways for art exhibition.

Critical views and analysis of technological transfer, particularly for developing countries.

Risk related to genetic engineering applied to the environment and food.

Gene ecology and the understanding of genes in networks, environments and societies.

### MY WORK

<http://autrement.taleo-initiative.org>

<http://camilorodriguez.net>

<http://gko-gallery.com>

<http://taleo-initiative.org>

### TALKS & PERFORMANCES

### REVIEWS

<http://bit.ly/IOHzD1>

<http://bit.ly/IA2IMh>

<http://bit.ly/IEIOJB>

<http://bit.ly/HDF9vH>

<http://bit.ly/IS1SCt>

### BIOGRAPHY

I'm a biochemical engineer, filmmaker and urban art gallerist/artist working at the interface of art, science, film and community action for the demystification and democratization of knowledge and creation. My fields of interest include the exploration of community-based science and appropriate technology for monitoring of global changes, interdisciplinary innovation in developing countries, community empowerment through knowledge generation and co-creation.

PRIMARY LOCATION

Egypt

SECONDARY LOCATION

UK

## Shereen El Feki

Journalist + professor

EMAIL

shereenelfeki@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Arab world – sexuality.  
Arab world – women’s rights.  
Arab world – youth culture.  
International – HIV and the law.

### MY WORK

### TALKS & PERFORMANCES

<http://bit.ly/spk81t>  
<http://bit.ly/ll3pec>

### REVIEWS

<http://bit.ly/HCBaN2>

### BIOGRAPHY

I am vice chair of the Global Commission on HIV and the Law ([www.hivlawcommission.org](http://www.hivlawcommission.org)), representing the Arab region. My research and advocacy focus on sexuality in the Middle East and North Africa, where I look at the drivers and consequences of changing attitudes and behaviors. My work today is the culmination of my professional and personal experience. I started as an immunologist (with a PhD from University of Cambridge) before becoming a journalist with The Economist and a presenter with Al Jazeera. Growing up as an Egyptian and Muslim in Canada sparked my interest in the Arab world and my desire to help build bridges between East and West.

PRIMARY LOCATION

France

SECONDARY LOCATION

Japan

## Serge Mouangue

Cross-cultural designer

EMAIL

yoserge@hotmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Japanese culture from a different perspective.  
Storytelling in design  
Creativity and identity  
Being an independent and corporate designer.  
Diversity and management

### MY WORK

<http://wafrica.jp>

### TALKS & PERFORMANCES

French Institute, Tokyo Japan 2008  
Rhythm and Hope, Tokyo Japan 2009  
World festival of African Art, Dakar 2010  
Museum of Art and Design, NY US 2010  
to come: TEDx Paris 2012

### REVIEWS

<http://bit.ly/HR4VHp>  
<http://bit.ly/HIEhm0>  
<http://bit.ly/llzarK>  
<http://bit.ly/pmCZhD>  
<http://bit.ly/HAhDuv>

### BIOGRAPHY

I am a cross-cultural artist and designer – bringing both African and Japanese techniques into my work – for example designing Japanese kimono with African fabrics. I combine extremes to enhance universal awareness.



PRIMARY LOCATION

Ghana

SECONDARY LOCATION

UK

## Bright Simons

Mobile health entrepreneur

EMAIL

bbsimons@mpedigree.net

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Information technology

Mobile/cellular innovations

African reform, renaissance and transformation

Social entrepreneurship and innovation

### MY WORK

<http://mpedigree.net>

### TALKS & PERFORMANCES

<http://youtu.be/kM7u80BxVol>

### REVIEWS

<http://bit.ly/ljX3zS>

### BIOGRAPHY

I am a social technologist with a strong focus on mobile and cloud computing. I invented the mPedigree system, which is currently being used or trialed in several countries in Africa, Asia and the Middle East by pharmaceutical companies. The system enables consumers to confirm by free text messaging whether the medicine is genuine or not, helping address the massive incidence of counterfeit/fake medicines in the developing world, reckoned by experts to kill at least 2,000 people daily. I consult for organizations such as the UN and the World Economic Forum on issues of IT-related innovation in the developing world, social entrepreneurship and institutional reform.

PRIMARY LOCATION

Guatemala

SECONDARY LOCATION

USA

## Manuel Aguilar

Energy entrepreneur

EMAIL

tono@quetsol.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Social entrepreneurship in the developing world: overcoming common obstacles.

Solar energy for off-grid development: opportunities and imperatives.

Appropriate solutions to poverty: integrating different methodologies simultaneously as a base for development.

### MY WORK

<http://quetsol.com>

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am a social entrepreneur. I'm especially interested and focused on sustainably developing the Base of the Pyramid through appropriate technology and system solutions.

PRIMARY LOCATION

SECONDARY LOCATION

India

## Irfan Alam

Rickshaw business innovator

EMAIL

irfan.bb@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

India's rickshaw economy  
Social enterprise

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am founder of the SammaaN Foundation, a social enterprise systematizing the rickshaw business.

PRIMARY LOCATION

SECONDARY LOCATION

India

USA

## Zubaida Bai

Maternal health innovator

EMAIL

zubaida@ayzh.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Maternal health scenario in India.  
Need for cost-effective products.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

Product development, maternal health, women's health.

PRIMARY LOCATION

India

SECONDARY LOCATION

USA

## Zubaida Bai

Maternal health innovator

EMAIL

zubaida@ayzh.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Maternal health scenario in India.  
Need for cost-effective products.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

Product development, maternal health, women's health.

PRIMARY LOCATION

India

SECONDARY LOCATION

USA

## Kavita Baliga

Singer + vocal coach

EMAIL

kavitart@gmail.com

PARTICIPATION

Performing

### KNOWLEDGEABLE ABOUT

### MY WORK

<http://kavitabaliga.com>

### TALKS & PERFORMANCES

<http://tedxchennai.com/blog/speakers>

### REVIEWS

<http://bit.ly/lhq8JY>  
<http://bit.ly/6UK68I>  
<http://bit.ly/HGbpW>

### BIOGRAPHY

I am a Western classical singer currently developing Western music and performance programs in India with A.R. Rahman. I have sung in A.R. Rahman's Indian and international films.

PRIMARY LOCATION

India

SECONDARY LOCATION

USA

## Jane Chen

Social entrepreneur

EMAIL

jane@embraceglobal.org

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Innovation: frugal innovation using design-centric thinking.

Social enterprise: the intersection between private- and public-sector enterprises.

Leadership: leadership lessons learned through my experiences.

Building an organization/team.

Being a woman entrepreneur.

### MY WORK

<http://embraceglobal.org>

### TALKS & PERFORMANCES

<http://bit.ly/bAZawA>

<http://bit.ly/HALCTp>

<http://bit.ly/v4btEx>

<http://bit.ly/vSvCI5>

### REVIEWS

### BIOGRAPHY

I work for a social enterprise that aims to reduce infant mortality through an innovative, affordable infant warmer. We are now distributing the product in India, with plans to scale globally. Fields of interest: innovation, frugal innovation, social enterprise, and health care for developing countries.

PRIMARY LOCATION

India

SECONDARY LOCATION

## Siva Cotipalli

Social lending innovator

EMAIL

siva.cotipalli@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Social enterprises in India.

Sanitation & waste management.

Collaborative problem solving for BoP.

Building sustainable businesses for BoP.

Executing large-scale social innovations.

### MY WORK

### TALKS & PERFORMANCES

<http://bit.ly/IT3GYc>

<http://bit.ly/IBHY0e>

### REVIEWS

### BIOGRAPHY

I am Project Manager – Social Innovations with Quicksand Design and Innovation Consultancy based in Gurgaon. I am leading a large-scale innovative sanitation project in Orissa, in partnership with the Bill & Melinda Gates Foundation and Poverty Action Lab. I have close to ten years of experience in social enterprise and private sectors. Before Quicksand, I co-founded dhanax, a social-lending platform focused on the urban poor in India. I also consulted for two social enterprises in the rural distribution and solid-waste management sectors. Earlier, I worked for Oracle Corporation and Infosys in product marketing and technology consulting roles. I am a TEDIndia Fellow and a nominee for Pepsi-MTV youth icon of India. I have been widely quoted in Indian media for my views on building businesses for the Base of the Pyramid. I hold an MBA from IIM-Kozhikode and BE(Hons) from BITS Pilani.

PRIMARY LOCATION

SECONDARY LOCATION

India

## Sumit Dagar

Designer + filmmaker

EMAIL

dagarsd@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Braille phone  
Design philosophy  
Storytelling

### MY WORK

<http://sumitdagar.com>  
<http://2paisa.tumblr.com>

### TALKS & PERFORMANCES

<http://bit.ly/l4Qjqh>

### REVIEWS

<http://bit.ly/gq5o9b>  
<http://huff.to/gUmqvc>  
<http://bit.ly/m6TpfT>  
<http://bit.ly/eZzqgD>

### BIOGRAPHY

I am an interaction designer, a filmmaker and a traveler. I have deep interest in using technology as a facilitator for the underprivileged. My works in interaction design have been varied, from a phone for blind users to interactive stories to in-vehicle infotainment systems. I am passionate about exploring technological implementations for rural and disabled populations. My films are a reflection of design conversations I have been part of over the years. I usually concentrate on science fiction, social work or the exploratory storytelling genre.

PRIMARY LOCATION

SECONDARY LOCATION

India

## Satyabrata Dam

Adventurer

EMAIL

satya1302@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Inspirational and motivational speaking.  
Leadership and team building.  
Facing life challenges.  
High altitude glaciers and mountain environment conservation.

### MY WORK

*From Ocean Depths to the Highest Peak: A Journey to the Top of the World Eyewitness and Other Stories of Detection*  
[http://energiebau.de/film\\_eng](http://energiebau.de/film_eng)  
<http://satyabratadam.com>  
<http://bit.ly/luCx44>

### TALKS & PERFORMANCES

<http://bit.ly/qkfBlw>  
<http://bit.ly/ctEHEk>  
<http://bit.ly/lAYOZo>  
<http://bit.ly/l7slL3>  
<http://bit.ly/lAYZns>

### REVIEWS

<http://bit.ly/IOxCbo>  
<http://bit.ly/lk7UK0>

### BIOGRAPHY

I am an extreme mountaineer, motivational speaker, corporate leadership trainer, adventure consultant, photographer, green activist and travel writer.

PRIMARY LOCATION

India

SECONDARY LOCATION

USA

## Kaustuv De Biswas

Architect + design entrepreneur

EMAIL

kaustique@gmail.com

PARTICIPATION

### KNOWLEDGEABLE ABOUT

Open-source design  
Collaborative creativity

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am an entrepreneur based in the United States and India. My experimental design firm, dplay, is building open-source toolboxes for design.

PRIMARY LOCATION

India

SECONDARY LOCATION

USA

## Rikin Gandhi

Agricultural tech innovator

EMAIL

rikin@digitalgreen.org

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Information technologies for international development.  
Sustainable agriculture

### MY WORK

<http://digitalgreen.org>

### TALKS & PERFORMANCES

<http://bit.ly/2cCkaS>  
<http://bit.ly/IErOiO>

### REVIEWS

### BIOGRAPHY

My team at Digital Green and I are working to raise incomes and increase the food security of smallholder farming communities across South Asia and Africa. We are doing this through improved, sustainable agronomic practices and technologies by scaling and enhancing a locally relevant, cost-effective agricultural extension system that brings together information technology and social organization. Digital Green partners with existing agricultural extension systems in the public, private and civil society sectors and works to improve their efficiency and impact.

PRIMARY LOCATION

SECONDARY LOCATION

India

## Pulkit Gaur

Engineer + roboticist

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EMAIL

pulkit.gaur@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Underwater robotics  
Ground mobile robots  
Military robots  
Machine vision  
Artificial intelligence

### MY WORK

<http://gridbots.com>

### TALKS & PERFORMANCES

### REVIEWS

<http://pulkit.gridbots.com>

### BIOGRAPHY

Robotics, machine vision, artificial intelligence.

PRIMARY LOCATION

SECONDARY LOCATION

India

## Sarath Guttikunda

Air pollution researcher

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EMAIL

sguttikunda@urbanemissions.info

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Using visual aids to raise public awareness of air pollution.  
Bridging gaps between science, media and the public on green environments.  
The problem of indoor air pollution in developing countries.  
Innovative opportunities in the construction business to reduce air pollution and promote green living.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

My work primarily revolves around air pollution outdoor pollution in cities and indoor pollution in rural areas. Our efforts are focused on studying the strengths of pollution sources, innovating ways to make that information public, creating opportunities for students and interested others to engage in structuring better policies for clean cities, and simplifying complex scientific jargon on air pollution into comic books for everybody to understand what we are doing and what they need to know about the topic.

PRIMARY LOCATION

India

SECONDARY LOCATION

USA

## Lisa Heydlauff

Educator

EMAIL

[lisa@goingtoschool.com](mailto:lisa@goingtoschool.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Young entrepreneurs who live in poverty in emerging economies.  
Education for entrepreneurial-skills training for children.  
Mass-media impact in social development and measuring change.  
New finance: creating access and mediating risk for the poorest young people in the developing world.  
The power of stories.

### MY WORK

<http://goingtoschool.com>  
<http://bit.ly/l7liiF>  
<http://bit.ly/lAF4aP>  
<http://bit.ly/tZQ1Bt>

### TALKS & PERFORMANCES

<http://goingtoschool.com/be.html>

### REVIEWS

### BIOGRAPHY

We make dynamic mass media movies to inspire the poorest of young people to choose to become entrepreneurs and start businesses that solve problems where they live. We ask them apply to our risk capital fund through the movies and provide up to US\$10,000 for them to start a business. We then tell their stories on national television to inspire the next generation to choose to become entrepreneurs who do good for everyone. Our unique model: media-fund-media.

PRIMARY LOCATION

India

SECONDARY LOCATION

Sri Lanka

## Myshkin Ingawale

Medical device innovator

EMAIL

[myshkin.ingawale@gmail.com](mailto:myshkin.ingawale@gmail.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

How to start up, fail 32 times, and still prevail! – lessons in life and entrepreneurship.  
Design for extreme affordability: 3 billion people are joining the marketplace – but it's a different kind of market!  
Harnessing the wisdom of the crowd or the folly of the masses? Lessons and best practices in Wiki culture for businesses.

### MY WORK

<http://myshk.in>

### TALKS & PERFORMANCES

<http://bit.ly/GCvNPp>

### REVIEWS

### BIOGRAPHY

I am co-founder of Biosense Technologies, which is pioneering a non-invasive, point-of-care device – TouchB – for prick-free blood Hb testing. I also work on product design and electric vehicles. For example, I co-invented the Copenhagen Wheel – developed at MIT and unveiled at the UN Climate Summit, COP-15. My PhD research focused on Wikipedia and harnessing the wisdom of the crowd: best practices in “opening up,” increasing adoption of your product/service and still maintaining quality and reliability. I am also interested in innovation and “intrapreneurship”: I have been a business consultant at McKinsey and understand both the risks and the rewards that an “innovation culture” brings to a company. How should businesses best harness the creativity of the “masses” – both within and outside their walls – without imploding?



PRIMARY LOCATION

SECONDARY LOCATION

India

## Gautam John

Entrepreneur + educator

EMAIL

[gautam@prathambooks.org](mailto:gautam@prathambooks.org)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Publishing and openness  
Schooling and transparency  
Wikipedia and knowledge  
Openness as a business model  
The power of communities

### MY WORK

<http://gkjohn.posterous.com/>

### TALKS & PERFORMANCES

<http://bit.ly/HGgRzQ>  
<http://bit.ly/rQ9B2p>  
<http://bit.ly/lKWt1V>

### REVIEWS

<http://bit.ly/kFutlX>

### BIOGRAPHY

I work in the field of children's publishing and, in particular, am building a social publishing strategy using Creative Commons licenses and community to help realize our mission of a book in every child's hand. I also work in the transparency and accountability space in the primary and pre-primary public education vertical-building school rating systems with partners and community, at a very large scale. I also spend time working on issues of "openness" and "access" to information and have done some work with Wikipedia in India.

PRIMARY LOCATION

SECONDARY LOCATION

India

## Poonam Bir Kasturi

Industrial designer

EMAIL

[pbkasturi@usermail.com](mailto:pbkasturi@usermail.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Seeing waste differently.  
Making sense of waste.

### MY WORK

*The Magic Gamla Pot; 5 Disgustingly Cool Books for Kids*  
<http://youtube.com/watch?v=vGBv8TjCgAw>  
<http://dailydump.org>  
<http://vimeo.com/channels/hdl/page:2>

### TALKS & PERFORMANCES

<http://bit.ly/HGyUve>

### REVIEWS

### BIOGRAPHY

Siva works as Project Manager - Social Innovations with Quicksand Design and Innovation Consultancy based in Gurgaon. He is leading a large scale innovative sanitation project in Orissa in partnership with Bill & Melinda Gates Foundation and Poverty Action Lab. Siva has close to 10 years of experience in social enterprise and private sectors. Before Quicksand, Siva co-founded dhanax, a social lending platform focused on urban poor in India. He also consulted two social enterprises in rural distribution and solid waste management sectors. Earlier, he worked for Oracle Corporation and Infosys in product marketing and technology consulting roles. Siva is a TEDIndia Fellow, a nominee for Pepsi-MTV youth icon of India and has been widely quoted in Indian media for his views on building businesses for the Base of the Pyramid. Siva holds a MBA from IIM-Kozhikode and B.E (Hons) from BITS, Pilani.

PRIMARY LOCATION

SECONDARY LOCATION

India

## Anant Kumar

Hospital entrepreneur

EMAIL

anant47@gmail.com

PARTICIPATION

### KNOWLEDGEABLE ABOUT

Healthcare in low-income communities.  
Medicine

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am CEO of LifeSpring Hospitals, an expanding chain of maternity hospitals that provide healthcare to low-income women and children in India.

PRIMARY LOCATION

SECONDARY LOCATION

India

## M.D. Madhusudan

Conservation scientist

EMAIL

mdm@conservation.in

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Making space for wildlife in a crowded country.  
Balancing trade-offs between environmental conservation, livelihood sustenance and economic growth.  
Understanding and alleviating human-wildlife conflicts.  
Desperate neighbors: endangered wildlife and the rural poor in India.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am a conservation scientist fascinated by – and concerned about – the diversity of wild species and habitats on Earth. I work at the confluences of wildlife ecology and human society, trying to understand and resolve conflicts at these interfaces, both conceptually and practically. In doing so, I am particularly interested in locating nature conservation in India amidst emerging opportunities and challenges to collective action such as rapid economic growth amidst widespread deprivation, a deepening democracy amidst historical inequities, and the revival and dialoging of cultures amidst homogenization.

PRIMARY LOCATION

India

SECONDARY LOCATION

USA

## Jessica Mayberry

Citizen journalist

EMAIL

[jessica@videovolunteers.org](mailto:jessica@videovolunteers.org)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Media and development

Community media – training people from poor backgrounds in media.

New economic models for media.

Human rights issues of India: tribals, dalits, gender, Hindu-Muslim conflict.

### MY WORK

<http://humblefactory.com>

### TALKS & PERFORMANCES

<http://videovolunteers.org>

### REVIEWS

<http://humblefactory.com>

<http://bit.ly/HBNAr5>

### BIOGRAPHY

I am the founder of Video Volunteers, perhaps the world's largest network of people from slums and villages trained as media reporters.

PRIMARY LOCATION

India

SECONDARY LOCATION

## Dina Mehta

Ethnographer + qualitative researcher

EMAIL

[dina.mehta@gmail.com](mailto:dina.mehta@gmail.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Social lending solutions

Indian social entrepreneurship

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

Co-founder and managing director of Mosoci India, an international research and ethnography consultancy. I am at the forefront of technology trend research in India and work with a global portfolio of companies, including learning journeys and immersions for innovation teams. I bring my unique perspective to understanding the emerging social aspects of new technology and the impact of new media on youth and mobility. My projects have led me to study the impact of technology in rural markets, follow trend-setting youth in urban settings, dig deep into motivations and possible triggers across a wide range of demographic and psychographic groups, and explore and identify underlying value propositions and key drivers/barriers in several categories.

PRIMARY LOCATION

India

SECONDARY LOCATION

China

## Gaurav Misra

### Election innovator

EMAIL

gauravonomics@gmail.com

PARTICIPATION

Speaking

#### KNOWLEDGEABLE ABOUT

Social media in India.

Social media in China.

Three lessons global CEOs can learn from grassroots activists.

Made in India, made for the world.

Social media and crisis.

#### MY WORK

<http://slidesha.re/tia6As>

<http://gauravonomics.com>

#### TALKS & PERFORMANCES

<http://bit.ly/dbBYgh>

<http://bit.ly/lrBDnA>

<http://bit.ly/HEKxxi>

<http://bit.ly/HyCn5T>

<http://bit.ly/IAGORc>

#### REVIEWS

#### BIOGRAPHY

I help global brands inspire, organize and energize their stakeholders by rethinking purpose, participation and performance. I support more than 1,250 staff across more than 10 agencies in India, Greater China, Japan and Southeast Asia as Asia Director for Social Media at MSLGROUP. I am also helping to create two new global offerings at MSLGROUP on crowdsourcing insights and innovations and helping business leaders rethink purpose, participation and performance. Previously, I studied at IIM Bangalore, held senior marketing roles at the Tata Group, taught social media at Georgetown University as the 2008-09 Yahoo! Fellow, launched crowd-sourced election monitoring platform Vote Report India and co-founded social media agency 2020 Social, which was acquired by MSLGROUP. I've spoken at more than 100 conferences and led more than 50 workshops globally. Here are my three superpowers: I reimagine and reinvent the future in everything I do; I create a-ha! moments of self-discovery in the workshops I lead; I always start with "Why?" – both in work and in life.

PRIMARY LOCATION

India

SECONDARY LOCATION

## Ashwin Naik

### Hospital entrepreneur

EMAIL

ashwin.naik@gmail.com

PARTICIPATION

Speaking

#### KNOWLEDGEABLE ABOUT

Challenges and excitement of building a social enterprise.

Healthcare in India – the way forward.

How to start a startup, build a team, raise money and scale up.

The power of networking and asking for help when building your company.

#### MY WORK

<http://bit.ly/8B8Dr>

<http://vaatsalya.com>

<http://ashwinnaik.com>

#### TALKS & PERFORMANCES

<http://bit.ly/bxjydw>

<http://bit.ly/HG9jPy>

<http://youtu.be/jqGzRwcNdx8>

#### REVIEWS

<http://vimeo.com/17840720>

<http://youtu.be/6wbjm4YwiaQ>

#### BIOGRAPHY

I co-founded Vaatsalya Hospitals, India's first network of hospitals focused on semi-urban and rural areas. As a social enterprise, Vaatsalya has been recognized and rewarded by national and international agencies, including a case study that is available through Harvard Business School Publishing. My fields of interest are social entrepreneurship, healthcare in India and entrepreneurship in general.

PRIMARY LOCATION

SECONDARY LOCATION

India

## Rahul Nainwal

Volunteer activist

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EMAIL

nainwal@mitra.org.in

PARTICIPATION

Speaking

KNOWLEDGEABLE ABOUT

MY WORK

TALKS & PERFORMANCES

REVIEWS

BIOGRAPHY

PRIMARY LOCATION

SECONDARY LOCATION

India

## Aparna Rao

Artist

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EMAIL

aparna@porsandrao.com

PARTICIPATION

KNOWLEDGEABLE ABOUT

MY WORK

TALKS & PERFORMANCES

REVIEWS

<http://bit.ly/tWjMbc>

BIOGRAPHY

I use high-tech and humor in interactive, sculptural artworks which awaken us to our own subtle behavioral patterns and emotional responses.

PRIMARY LOCATION

SECONDARY LOCATION

India

## Rohini Rau

Olympic sailor

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EMAIL

rohiniarau@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Sailing – a unique sport and my journey to the Olympic Games.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

My interest is sailing. I am an Olympic campaigner and study medicine.

PRIMARY LOCATION

SECONDARY LOCATION

India

USA

## Sharmistha Ray

Artist

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EMAIL

ray.sharmistha@gmail.com

PARTICIPATION

Speaking, performing

### KNOWLEDGEABLE ABOUT

Creative thinking  
The relationship between art and money  
The art critic, the curator's eye, the art market  
Globalization and the arts  
The incredible importance of beauty

### MY WORK

<http://sharmistharay.net>

### TALKS & PERFORMANCES

<http://bit.ly/IAG12P>  
<http://bit.ly/HvEAAe>  
<http://bit.ly/HvElzJ>  
<http://bit.ly/IGYhsD>

### REVIEWS

<http://bit.ly/IGYo7u>  
<http://bit.ly/l7IX6E>  
<http://bit.ly/HEuaCR>  
<http://bit.ly/HBRkZI>

### BIOGRAPHY

I am a visual artist who has had a completely lateral existence both geographically and professionally. I have moved multiple times and had many addresses all over the world, in countries with completely different social and geopolitical histories. I have carved out a career as a gallerist, art critic, historian, curator, artist, journalist and entrepreneur – all in the span of five years in India. I continue to blaze a trail that supersedes linear thinking.

PRIMARY LOCATION

India

SECONDARY LOCATION

USA

## Yatin Sethi

Digital strategist

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EMAIL

yatin.sethi@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Social entrepreneurship  
Nonprofits  
Careers for youth

### MY WORK

<http://yatinsethi.com>  
<http://ted.com/profiles/bio/id/108040>

### TALKS & PERFORMANCES

Startup Saturdays  
At NGO Organizations

### REVIEWS

### BIOGRAPHY

I am a social entrepreneur focusing on technology and social media for social change. My interests include social entrepreneurship, nonprofits, careers for youth, emerging countries and India.

PRIMARY LOCATION

India

SECONDARY LOCATION

## Jijo Ulahannan

Physicist

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EMAIL

paul.jijo@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Escape to freedom through education.  
Energy crisis and our future.  
Science and engineering education in India.  
Learn and let others learn (about supporting and spreading awareness for proper education).  
The fun side of science.

### MY WORK

<http://bit.ly/HFLGqC>  
<http://gck.academia.edu/jijopu>

### TALKS & PERFORMANCES

TEDxBITSGoa  
Academic Staff College, Kannur University,  
Kerala, India, to college/university  
teachers about effective presentations

### REVIEWS

### BIOGRAPHY

I am an educator, a researcher in physical science and a career motivator. I would like to talk about education, science education, science outreach, dream careers and alternative energy. I give occasional talks to students, teachers and invited audiences addressing various topics such as physics, career guidance, scientific temper, effective presentations and technology in education. I am also a trained computational physicist and give academic talks in that area too.

PRIMARY LOCATION

India

SECONDARY LOCATION

USA

## Nikhil Velpanur

Counter-culture entrepreneur

EMAIL

nikhil.velpanur@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

A compelling case to start a company when you're young.

The human benefits of starting a company – what happens to you as a person.

Lessons as an entrepreneur.

How to take a raw idea to working prototype.

### MY WORK

<http://nikhilvelpanur.com>

### TALKS & PERFORMANCES

TEDx BITSgoa

TEDx IIT Kanpur

TEDx NIT surathkal

TEDx Blr

### REVIEWS

### BIOGRAPHY

I run a stealth startup called approves. It's an augmented-reality mobile app that lets you "like" real-world objects. I also advise the INK conference in technology and select 20 INK fellows every year.

PRIMARY LOCATION

India

SECONDARY LOCATION

## Anthony Vipin Das

Ophthalmologist

EMAIL

dr\_dubbleohsix@yahoo.co.in

PARTICIPATION

### KNOWLEDGEABLE ABOUT

Ocular trauma

Rural health education

Community ophthalmology

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am an ophthalmic surgeon, currently a clinical associate at the Cornea and Anterior Segment at the prestigious LV Prasad Eye Institute, Hyderabad, India. My interests include ocular trauma, community ophthalmology, and regenerative medicine and eyeball transplantation. I'm the founder of REPOrT (Rural Education and Prevention of Ocular Trauma), which educates rural children in the prevention of ocular trauma. I'm also involved in an ongoing project integrating cutting-edge eyeSmart EMR technology for data mining.



PRIMARY LOCATION

SECONDARY LOCATION

Indonesia

## Enda Nasution

Political activist + blogger

EMAIL

kaustique@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Freedom of expression  
Digital activism  
Digital communities  
Social media behavior  
Blogging

### MY WORK

<http://enda.goblogmedia.com>

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am a blogger, social media geek, the managing director of SalingSilang.com and founder of Politikana.com. I specialize in social media and digital behavior and digital activism and freedom of expression – with a focus on Indonesia and Southeast Asia.

PRIMARY LOCATION

SECONDARY LOCATION

Israel

## Adital Ela

Sustainability designer

EMAIL

contact@aditalela.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Design that comes from a deep sense of participation.  
Design for sustainable prosperity.  
Rethinking sustainability in cities through design.  
WindyLight  
Sustainable design – concepts, tools, study cases.

### MY WORK

<http://aditalela.com>  
<http://windy-light.com>  
<http://design-bridge.org>

### TALKS & PERFORMANCES

### REVIEWS

<http://bit.ly/HB1SE6>  
<http://bit.ly/lrt5gG>  
<http://bit.ly/HB24TN>

### BIOGRAPHY

I dedicate my professional life to explore ways sustainability designers can envision, illustrate and enable the realization of new and inviting life habits that can thoroughly reform the encounter between man, object and environment. In my work I aspire to create fresh and creative alternatives to our prevalent lifestyle that offer not only social and environmental benefits but also illustrate appealing, sensual, experiential and inspirational products, services and systems. I hope to inspire designers, creative thinkers and decision makers to join this valuable quest towards design that comes from a deep sense of participation. A lot of my work is inspired by indigenous knowledge and indigenous ways of living. My main projects at the moment are WindyLight – wind-operated outdoor lights; furniture from 100% soil; working to empower social groups with the tool of design; and giving various workshops about design for sustainability and design that comes from a deep sense of participation.

PRIMARY LOCATION

Israel

SECONDARY LOCATION

France

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## Raffael Lomas

Sculptor + teacher

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EMAIL

contact@raffaellomas.net

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Journey as a form of art  
Time is running in  
Nature and creativity  
The complexity of change

### MY WORK

<http://raffaellomas.net>

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I'm a sculptor involved in creativity and social change (Creative workshop for the Blind, Memory park for 9/11 families). I organize science and art collaborations (Paris University).

PRIMARY LOCATION

Jamaica

SECONDARY LOCATION

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## Marvin Hall

Robotician + educator

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EMAIL

d\_candillari@yahoo.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Education, mathematics, technology, hands-on learning  
Halls of Learning – alternative education.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am an educator using my entrepreneurial skills to improve learning for Jamaican youth. Trained in mathematics and technology, I've always sought ways to excite children about math, science and art through hands-on learning activities. Driven by a desire to build a school for my son, I evolved beyond "middle school math teacher" to form Halls of Learning. Halls of Learning is committed to providing educational experiences equal to or exceeding international standards. Through after-school workshops, summer camps and inner-city projects ranging from animation and music to robotics, its mission is to lead a learning revolution in Jamaica.

PRIMARY LOCATION

SECONDARY LOCATION

Jordan

## Yara Sheban

Robotician

EMAIL

yara.shaban@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am a Jordanian electrical engineer who's working to engage women in technology education and development in the Middle East.

PRIMARY LOCATION

SECONDARY LOCATION

Kenya

## Erik Hersman

African tech entrepreneur

EMAIL

erik@zungu.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Innovation  
African tech  
Crowdsourcing information  
Ushahidi

### MY WORK

<http://whiteafrican.com>

### TALKS & PERFORMANCES

<http://bit.ly/bEROWV>  
<http://bit.ly/t4YqKl>  
<http://bit.ly/dUSqBq>

### REVIEWS

<http://afriGadget.com>

### BIOGRAPHY

I'm one of the co-founders of Ushahidi, founder of the iHub (Nairobi's innovation hub) and a blogger at WhiteAfrican and AfriGadget. I deal with changemakers and disruptors in Africa as they use technology to innovate and invent new solutions for the continent.

PRIMARY LOCATION

SECONDARY LOCATION

Kenya

## Joshua Wanyama

Digital marketer

EMAIL

joshua@pamojamedia.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Social/impact entrepreneurship.  
Mobile and web technologies in Africa.  
Impact of mobile technology in Africa.  
Knowledge economy in Africa.  
The future of African agriculture.

### MY WORK

### TALKS & PERFORMANCES

<http://bit.ly/lfsfZkw>

### REVIEWS

### BIOGRAPHY

I run an interactive strategy firm based in Nairobi, working across Africa to help for- and non-profit organizations get the best out of web and mobile platforms. Some of the key sectors we work in include agriculture, consumer goods, travel, ICT and financial services. We have also been supported by the Rockefeller Foundation on two projects: building climate resilience in African agriculture and creating a mobile platform for farmers to share ideas and maximize their potential earnings. I also invested in a mobile development firm, which is creating mobile apps in agricultural markets and financial trading, and a social mobile app bringing soccer fans worldwide together to share their thoughts during gameplay. In my free time I dabble in photography, and I have been running an online microstock photography website specializing in African content for the last two years with another TED Fellow.

PRIMARY LOCATION

SECONDARY LOCATION

Korea

USA

## Sey Min

Media artist

EMAIL

sey.min@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Data: a powerful instrument for awareness and changes.  
Data use after the release of smart devices.

### MY WORK

<http://randomwalks.org>

### TALKS & PERFORMANCES

<http://vimeo.com/10718404>  
<http://bit.ly/lzSjL0>  
<http://bit.ly/HRlICW>

### REVIEWS

### BIOGRAPHY

As a data visualization artist and designer, my main concern is working with data to better understand ourselves and our surroundings. Most of my projects focus on reimagining/reframing data that we can collect from our daily lives. Data storytelling is also very important in visualization. So I am trying to find hidden connections in different datasets, looking for values, meanings and influences between data and society. Currently, I am working on visualization of our everyday data usage with smart devices in Korea. After smart phones and tablets came out, our data usage has changed a lot. And open OS environments (such as Android/iOS) have a huge impact on network traffic. If I can read this whole big transition, I might be able to see what other things, including our behaviors, have been changed by this revolution.

PRIMARY LOCATION

SECONDARY LOCATION

Mexico

## Gabriella Gomez-Mont

Culture curator

EMAIL

gabriella@toxicocultura.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Creativity and multidisciplinary practices.

Applied fiction: the social relevance of art.

Art &amp; creativity in Mexico City.

States of exception: the necessity of independent cultural projects.

### MY WORK

*Ciudad de México, Ciudad de conocimiento**100 Acciones para la Ciudad de México*

The Man Who Lived in a Shoe, director

<http://toxicocultura.com>

### TALKS & PERFORMANCES

<http://bit.ly/HETCcM>

### REVIEWS

<http://bit.ly/ltzj0M><http://bit.ly/HMwsOj><http://bit.ly/pxfxj4><http://bit.ly/HMwwNO><http://on.fb.me/AD3LE>

### BIOGRAPHY

I am the founder of Tóxico Cultura, an award-winning independent art lab, creative think-space and cultural salon based in Mexico City. Besides creating our own content (exhibitions, films, editorial and art projects, etc.), we also create multidisciplinary programs for universities and museums, plus function as consultants for creativity-related social projects. Tóxico is not just about realizing a handful of activities, but about providing a mind-frame, building a space in which to once again experiment and question and create. Why? Because creativity is not a luxury. It is indispensable. The way we imagine the world is the basis and blueprint for the world we live in: everything out there always has its start somewhere inside the mind.

PRIMARY LOCATION

SECONDARY LOCATION

Nigeria

## Olatunbosun Obayomi

Bio-energy inventor

EMAIL

olatumbosun.obayomi@gmail.com  
bioapptns@yahoo.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Wastewater management

Ecological design

Sustainable cities

Renewable energy (biogas)

### MY WORK

<http://bioapplications.blogspot.com>

### TALKS & PERFORMANCES

[http://youtu.be/aIZ5Fxa\\_rK0](http://youtu.be/aIZ5Fxa_rK0)<http://youtu.be/5-A8Rq-y7QM><http://bit.ly/IH6lth>

### REVIEWS

### BIOGRAPHY

I am a microbiologist and inventor from Lagos, Nigeria. My research spans hydrogen biogas reactors, ecological engines and microbial fuel cells. I am founder of the Bio Applications Initiative in Lagos, which focuses on the production of energy from organic waste, using green biogas technology to solve pressing needs related to energy supply, food production and sanitation in the developing world. I have produced simple biogas plants for converting paper, animal and human waste into energy. I have also retrofitted a conventional septic tank into a biogas plant. A graduate of microbiology from Olabisi Onabanjo University in Nigeria, I am a member of the American Society for Microbiology (ASM). I was a TEDGlobal Fellow in 2010 and a BMWGuggenheim Lab Team Member for New York City 2011. My efforts have been celebrated in Nigeria as well: in 2008 I was honored with the Nigerian Youth Leadership Award, presented by LEAP Africa.

PRIMARY LOCATION

Oman

SECONDARY LOCATION

India

## Arunraj Subbaraj

Race-car entrepreneur

EMAIL

arun@tedxmuscat.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Power of co-efficient for performance in life.

### MY WORK

<http://ashwaracing.com>

### TALKS & PERFORMANCES

<http://theinkconference.com/node/204>

<http://inktalks.com/blog/?paged=2>

### REVIEWS

### BIOGRAPHY

I am an entrepreneur and a motorsport engineer. I develop race cars at the grassroots level and represent India at international level.

PRIMARY LOCATION

Pakistan

SECONDARY LOCATION

## Awab Alvi

Dentist + political activist

EMAIL

drawab@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Social media activism for a new political reform.

Social media activism for relief work.

Free speech complexities in an Islamic country.

Understanding the dynamics of blasphemy laws in an Islamic country.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am a social media activist. I leveraged the power of social media to raise funds for flood victims in Pakistan in 2010 and 2011 – over US\$250,000 – and distributed much-needed relief. At the moment, I'm spearheading the social media team for Pakistan Tehreek-e-Insaf, an upcoming political party which hopes to bring forward a better and brighter Pakistan by electing respectable, educated leaders into Parliament – moving away from 60 years of rampant corruption that has plagued Pakistan to disaster. The social media aspect empowers this party to connect to its growing supporter base, predominantly the youth of Pakistan. I have also been a very vocal free speech activist in Pakistan, contesting the blasphemy laws.

PRIMARY LOCATION

SECONDARY LOCATION

Pakistan

## Faisal Chohan

Web entrepreneur

EMAIL

faisal@cogilent.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Mobiles in developing countries.  
Opportunities in the digital economy for developing countries.  
Disaster reporting and mapping.  
Technology and startups in developing countries.  
Keeping yourself motivated in oppressive regimes.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

<http://bit.ly/ILDbte>

### BIOGRAPHY

I build solutions and services with intrinsic social benefits for millions of users. I have led initiatives in online recruitment, mobiles, disaster mapping, open data, social games and virtual economy domains. My interests are internet recruitment, opportunities in developing countries, virtual economy, mapping, mobiles and disaster mapping.

PRIMARY LOCATION

SECONDARY LOCATION

Pakistan

USA

## Asher Hasan

Social innovator

EMAIL

asher@njfk.org

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Breaking down socioeconomic apartheid in the developing world.  
Transforming lives through the emerging world's first health plan for the marginalized.  
From medicine man to maverick: journey of a social entrepreneur.  
Innovations in corporate social responsibility.  
Building bridges across civilizations: Islamophobia & the rise of the silent majority.

### MY WORK

<http://njfk.org>

### TALKS & PERFORMANCES

### REVIEWS

<http://bit.ly/50NMYq>  
<http://bit.ly/cA55H4>  
<http://bit.ly/HBhYgN>  
<http://bit.ly/luq0O2>  
<http://bit.ly/bA4YPr>

### BIOGRAPHY

PRIMARY LOCATION

Pakistan

SECONDARY LOCATION

USA

## Sharmeen Obaid Chinoy

Filmmaker + historian

EMAIL

sharmeen@sharmeenobaidfilms.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Acid violence against women in Pakistan.

Taliban recruiting child soldiers.

The transgender community in Pakistan.

My journey from Pakistan to becoming an Emmy Award-winning documentary filmmaker.

Using interactive education to empower brainwashed children in Pakistan.

### MY WORK

<http://sharmeenobaidfilms.com>

### TALKS & PERFORMANCES

<http://bit.ly/aBCTtu>

<http://bit.ly/wcizz8>

### REVIEWS

<http://on.wsj.com/sNGLzg>

<http://huff.to/vEu0d2>

<http://bit.ly/IEkGwa>

<http://bit.ly/IESXSW>

### BIOGRAPHY

I am a documentary filmmaker. I work around the world in marginalized communities. My interests lie in extremism, child soldiers, issues pertaining to women in the Muslim world, refugee rights in the Middle East and the politics of Afghanistan and Pakistan

PRIMARY LOCATION

Philippines

SECONDARY LOCATION

## Xavier Alpasa

Priest + entrepreneur

EMAIL

ver@jesuits.net

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Social entrepreneurship – what it is exactly, and how it can help economies.

The business of ethics in business – the need to evolve traditional CSR to Corporate

Social Entrepreneurship.

Interconnectedness – how and why everything is ultimately interconnected.

Faith that does justice – spirituality and social justice in concrete terms.

### MY WORK

<http://bit.ly/lAbMql>

<http://bit.ly/HymTyL>

<http://citi.us/lcr2aR>

<http://bit.ly/lcPIi>

### TALKS & PERFORMANCES

<http://bit.ly/J1cwmO>

<http://bit.ly/ljLIVW>

<http://bit.ly/lcBC3X>

<http://bit.ly/lJM5m6>

<http://bit.ly/ljLxEz>

### REVIEWS

### BIOGRAPHY

I'm the founder of award-winning social enterprise Rags2Riches ([www.rags2riches.ph](http://www.rags2riches.ph)), growing the overall social entrepreneurship landscape in the country while promoting Public-Private-Social enterprise Partnership (PPSP). I also teach as MBA faculty in one of Asia's leading graduate schools. I was named Cordes Fellow 2010 and was recently recognized by Esquire Philippines (Genius issue) as one of the country's Best and Brightest for 2011.



PRIMARY LOCATION

Singapore

SECONDARY LOCATION

USA

## Pragnya Alekal

Infrastructure development consultant

EMAIL

pragnya@alum.mit.edu

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

“Doing good” + humanitarian aid – how it works, pros/cons, actors, etc.  
Technology development for the poor in developing countries.  
The mechanisms of poverty.  
Water and sanitation in the developing world.

### MY WORK

<http://gosdot.com>

### TALKS & PERFORMANCES

<http://bit.ly/3RGLJi>

### REVIEWS

### BIOGRAPHY

A qualified engineer and policy analyst by training, my professional and academic interests focus on the confluence of sustainable infrastructure technology design, management and policy in the developing world. I have 12 years of experience designing, developing and managing a variety of technical and non-technical programs in Asia, sub-Saharan Africa, North America and Europe. I have also worked and consulted with startups, academia, NGOs, government, military and established private-sector firms. Entrepreneurship, green environmental practices and building and supporting innovation in the developing world round out my professional interests.

PRIMARY LOCATION

Singapore

SECONDARY LOCATION

## Durreen Shahnaz

Founder + chair, Impact Investment Exchange

EMAIL

dshahnaz@asiaiix.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Impact investing – the rise of triple bottom-line investing.  
Defiant capitalism – using capital markets for social good.  
Impact assessment – how to measure the good you are doing.  
99% plus 1% to create conscious capitalism.  
What is your I-Factor? The power of an individual in leaving the world a better place.

### MY WORK

<http://raffaellomas.net>

### TALKS & PERFORMANCES

<http://bit.ly/bPUYd4>

### REVIEWS

### BIOGRAPHY

We are creating social capital markets in Asia and beyond. I have created Asia’s first private placement platform (Impact Partners) for impact investing and am creating the world’s first stock exchange (Impact Exchange) to create liquidity in the social finance sector. In addition, I am also running a not-for-profit research entity called Shujog, focused on impact assessment and research around social finance space in Asia.

PRIMARY LOCATION

Slovenia

SECONDARY LOCATION

USA

## Daniela Candillari

Opera singer + coach

EMAIL

d\_candillari@yahoo.com

PARTICIPATION

Speaking, performing

### KNOWLEDGEABLE ABOUT

Musical works  
Compositions

### MY WORK

<http://bit.ly/HGDYZF>  
<http://bit.ly/HIQFCJ>

### TALKS & PERFORMANCES

TEDx Ljubljana

### REVIEWS

### BIOGRAPHY

I am a musician/performer, currently working as a chorus master and assistant conductor for an opera company in Slovenia. I am active as a pianist and chamber musician in Europe and North America, and recently have started writing music for theater. My fields of interest lie in performance and using new media to bring music closer to people. I strongly believe in telling stories through music and also think that music has power to transform us, help us improve ourselves, and with that improve the environment in which we live.

PRIMARY LOCATION

Spain

SECONDARY LOCATION

## Xavier Vilalta

Architect

EMAIL

xavier@xvstudio.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Architecture  
Fractal geometry  
Urban planning  
Ecology  
Sustainability

### MY WORK

<http://xvstudio.com>

### TALKS & PERFORMANCES

<http://bit.ly/HGyOgm>

### REVIEWS

<http://linkd.in/4eH5x>

### BIOGRAPHY

I am an architect that uses fractal geometry to innovate in the built environment.

PRIMARY LOCATION

SECONDARY LOCATION

Sri Lanka

## Sanjana Hattotuwa

Citizen journalist

EMAIL

sanjanah@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Technology and peace-building: how ICTs are transforming the practice of peace-building.

New media and violence: how technology is bearing witness to war and conflict.

Photography and new media: how mobile phones and cameras are changing the way we perceive and react to events.

Crisis information management: how managing information is now central to disaster response.

### MY WORK

<http://ict4peace.wordpress.com>

<http://groundviews.org>

### TALKS & PERFORMANCES

<http://slidesha.re/l6Dzzy>

<http://bit.ly/u4RMEh>

<http://bit.ly/p42guM>

### REVIEWS

### BIOGRAPHY

I've used and advocated information and communications technologies (ICTs) for over ten years to strengthen peacebuilding, reconciliation, human rights and democratic governance. I set up and curate the award-winning Groundviews, Sri Lanka's first citizen-journalism site. Teaching new media literacy and web activism locally and internationally. I also work extensively on information management during crises, both sudden-onset and protracted.

PRIMARY LOCATION

SECONDARY LOCATION

Sweden

## Walid Al-Saqaf

Anti-censorship activist

EMAIL

wsaqaf@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Arab Spring : A new beginning.

Internet censorship: A scary reality.

Technology for democracy.

Global journalism in the age of social networks.

### MY WORK

<https://alkasir.com>

<http://yemenportal.net>

### TALKS & PERFORMANCES

<http://bit.ly/Hx7hwH>

### REVIEWS

### BIOGRAPHY

I combat website censorship and make Arab citizens aware of what their governments are trying to hide. With the advent of the Arab Spring, I joined a growing community of Arab activists driving change in the region. My focus is on censorship circumvention and learning about oppression on the web.

PRIMARY LOCATION

SECONDARY LOCATION

Switzerland

## Christina Warinner

Architect + design entrepreneur

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EMAIL

twarinner@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Ancient DNA – how the past can teach us about ourselves and our future.

### MY WORK

<https://sites.google.com/site/christinawarinner/>

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

Using tissue samples from ancient skeletons and mummies, I am investigating how and why lactase persistence, alcohol intolerance, and HIV resistance have evolved in different populations around the world. I'm also researching how the genetic analysis of dental calculus (tartar) can teach us about the diets and oral health of ancient peoples. As an archaeogeneticist, I am very interested in bridging the gap between archaeology, anthropology and the biomedical sciences.

PRIMARY LOCATION

SECONDARY LOCATION

Tajikistan

USA

## Alanna Shaikh

Health + development specialist

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EMAIL

alanna.shaikh@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Being a better donor to international causes.  
Global health, especially TB, HIV and health systems.  
International development.  
Alzheimer's disease caregiving.  
International careers.

### MY WORK

<http://bit.ly/m0yoUD>  
<http://bit.ly/f5n9Hd>  
<http://alannashaikh.com>

### TALKS & PERFORMANCES

### REVIEWS

<http://bloggingheads.tv/diavlogs/22955>

### BIOGRAPHY

I work in international development and global health.

PRIMARY LOCATION

SECONDARY LOCATION

Tanzania

## Jodie Wu

Appropriate technologist

EMAIL

jodiezwu@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Global Cycle Solutions: Rethinking pedal power.  
Challenges of starting a business in Tanzania.  
Launching a business in a developing country.  
Co-creation and collaboration and their synergistic effects.  
Innovation at the village level.  
EGG Energy: Bringing electricity to villages.

### MY WORK

### TALKS & PERFORMANCES

<http://bit.ly/HDrFwC>

### REVIEWS

### BIOGRAPHY

I develop simple bicycle attachments that improve the lives of smallholder farmers. I believe in co-creating our newest technologies with local Tanzanians, developing rural employment and empowerment through technology, and living as the locals do. My work involves international development, appropriate technology, mechanical engineering, smallholder farmers and rural solutions.

PRIMARY LOCATION

SECONDARY LOCATION

Turkey

Switzerland

## Bilge Demirkoz

Particle physicist + educator

EMAIL

kaustique@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Dark matter in the cosmos and in the particle world.  
Physics at the Large Hadron Collider, CERN.  
Connection between arts and science from a CERN perspective.  
The new productivity renaissance: what is wrong this time?

### MY WORK

<http://demirkoz.web.cern.ch/demirkoz/>  
<http://bit.ly/HyxDNv>

### TALKS & PERFORMANCES

<http://bit.ly/IGQtqL>  
<http://bit.ly/HDVgdH>

### REVIEWS

### BIOGRAPHY

I have worked at the Large Hadron Collider (LHC) at CERN for the past 7 years. I also work on a space-based particle physics detector (AMS) on the International Space Station (ISS), looking for anti-matter and dark matter in cosmic rays. Dark matter, astro-particle physics and fundamental questions about the nature of our universe are my fields of interest.

PRIMARY LOCATION

UK

SECONDARY LOCATION

USA | Italy | Turkey

## Taghi Amirani

Filmmaker

EMAIL

taghi.amirani@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Filmmaking experiences on a wide range of subjects.  
Amateur astronomy, space, planet Jupiter.  
War in Afghanistan, refugees.  
British eccentrics  
Humor, stories, journeys of the imagination.

### MY WORK

<http://amiranifilms.com/>

### TALKS & PERFORMANCES

<http://bit.ly/HDK4wo>  
<http://linkd.in/IEsgAc>

### REVIEWS

### BIOGRAPHY

Physicist turned award-winning documentary filmmaker.

PRIMARY LOCATION

UK

SECONDARY LOCATION

Italy

## Rachel Armstrong

Doctor + architecture researcher

EMAIL

grayanat@yahoo.co.nz

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Sustainability  
Future cities  
Synthetic biology  
Complexity  
Innovation

### MY WORK

*Living Architecture*  
*Red Bull*  
<http://ted.com/index.php/profiles/view/id/243381>

### TALKS & PERFORMANCES

<http://bit.ly/4w611E>  
<http://bit.ly/cxqL47>  
<http://bit.ly/7FVb9m>  
<http://bit.ly/nPalpf>  
<http://bit.ly/aF1PLb>

### REVIEWS

<http://bit.ly/ph551J>  
<http://bit.ly/qmqXjw>  
<http://bit.ly/rwKLjz>  
<http://bit.ly/IP1sKa>  
<http://bit.ly/edw4tc>

### BIOGRAPHY

I am a sustainability innovator developing living materials (ones with properties associated with living things) using the tools of synthetic biology. I use the interdisciplinary work (architecture, chemistry, synthetic biology) I have done in the laboratory and in the field with living materials as an approach to addressing the inherent complexity and messiness of current and future cities. These approaches offer “living” solutions for “positive” human development, which propose to increase the wealth of the Earth rather than diminishing it.

PRIMARY LOCATION

SECONDARY LOCATION

UK

## Julie Freeman

Tech artist

EMAIL

[julie@translatingnature.org](mailto:julie@translatingnature.org)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Interactive art and technology  
Digital/media art  
Art & science collaborations  
Environmental data and art  
Making music from fish!

### MY WORK

<http://bit.ly/translatingnature.org>

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am an artist researcher working in science and technology. My interests lie in how we can use technology to help us understand more about nature and the environment we live in. I often develop art installations that question our relationship with technology and data, and speak about inspiring others to think about the natural world interfacing with the digital one.

PRIMARY LOCATION

SECONDARY LOCATION

UK

USA | France

## Cesar Harada

Inventor + environmentalist

EMAIL

[contact@cesarharada.com](mailto:contact@cesarharada.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

My current work: Ocean Robotics, Protei.org.  
The Open Hardware movement and new model of collaboration and manufacturing  
Design and environment, what I teach at master level at the Goldsmiths  
University in London.

### MY WORK

<http://bit.ly/HIVA6H>  
<http://bit.ly/o77qaF>  
<http://bit.ly/luTBFX>

### TALKS & PERFORMANCES

### REVIEWS

<http://bit.ly/szUAfl>  
<http://bit.ly/HP1Rzz>  
<http://bit.ly/HGbPFz>

<http://cesarharada.com>  
<http://bit.ly/luTQ3J>  
<http://bit.ly/g39zG7>  
<http://bit.ly/mwC7gN>  
<http://bit.ly/ILiWM5>

### BIOGRAPHY

I do Ocean Robotics. My current main project is Protei, a sailing robot that collects oil spills. It is also a groundbreaking open-source technology in the science of sailing. My long-term goal is to develop an International Ocean Station that would be like the International Space Station but for the ocean: a floating facility for scientific and industrial collaboration to study and heal our oceans.

PRIMARY LOCATION

UK

SECONDARY LOCATION

India

## Anab Jain

Multicultural designer

EMAIL

[anab.jain@gmail.com](mailto:anab.jain@gmail.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Smart and emerging technologies – What are the emergent trends, how and where is innovation happening and what are the implications on wider society?

Near future of everyday life – How are new and emerging technologies intersecting with our everyday lives, what does it mean – socially, economically and culturally?

### MY WORK

<http://superflux.in>

### TALKS & PERFORMANCES

<http://bit.ly/IKfIUUp>

<http://bit.ly/lu7SDY>

<http://bit.ly/n4DDVV>

<http://bit.ly/HDVfGD>

### REVIEWS

<http://bit.ly/HyxHwK>

<http://bit.ly/jtJBZS>

<http://bit.ly/HPBCEX>

### BIOGRAPHY

I am a designer, entrepreneur and founder of London and India-based design practice Superflux. Superflux is both a consultancy and a lab operating in the realm of emerging technologies and experiences for business, cultural and social purposes. The consultancy is client-facing, operating bespoke design services, while the lab projects are self-initiated, exploring the implications of technological change on people, society and the environment.

PRIMARY LOCATION

UK

SECONDARY LOCATION

India

## Suzanne Lee

Fashion designer

EMAIL

[suzanne@fashionfuturist.com](mailto:suzanne@fashionfuturist.com)

PARTICIPATION

Speaking, performing

### KNOWLEDGEABLE ABOUT

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I aim to address pressing ecological and sustainability issues around fashion and beyond, working with scientists to investigate whether synthetic biology can engineer optimized organisms for growing future consumer products.



PRIMARY LOCATION

UK

SECONDARY LOCATION

USA

## Apurv Mishra

### Inventor

EMAIL

apurv.mishra@gmail.com

PARTICIPATION

Speaking

#### KNOWLEDGEABLE ABOUT

Emerging technologies and corporate foresight.

Innovation in business and policy.

Entrepreneurship

Open innovation and science 2.0.

State of innovation: from Russia to Silicon Valley to Cambridge clusters.

#### MY WORK

<http://apurvmishra.com>

<http://bit.ly/fH0and>

<http://bit.ly/HA1Mwu>

<http://bit.ly/HLZPQB>

#### TALKS & PERFORMANCES

<http://bit.ly/IIBWq2>

#### REVIEWS

<http://bit.ly/IMm48K>

<http://bit.ly/HOgp1P>

#### BIOGRAPHY

Inventor and entrepreneur, working on an MPhil in Technology Policy at University of Cambridge. I recently founded Future.ly for geospatial mapping of emerging technology clusters around the world and understanding their ripple effects. Last month, I was declared one of the 99 Under 33 Emerging Foreign Policy Leaders by Washington-based Diplomatic Courier/Young Professionals in Foreign Policy. I was also recently declared as Future Global Leader at St. Petersburg International Economic Forum 2011 and worked on innovation and technology policy with the Russian government. Prior to this, I was working as VP Strategy for Hypios – a French firm based in Paris helping Fortune 500 companies solve problems by matching them with a vast network of scientific experts. At 16, I founded IFFGlobal as the world's first think tank on open innovation. At 14 years of age, in response to my grandfather's paralysis, I invented "Glabenator" – a sensor technology that enables paralyzed people to communicate without any prior calibration.

PRIMARY LOCATION

UK

SECONDARY LOCATION

Austria

## Minou Norouzi

### Moving-image artist

EMAIL

minou.norouzi@gmail.com

PARTICIPATION

Speaking, performing

#### KNOWLEDGEABLE ABOUT

Intersection of documentary and art practice.

Media professionalism versus arts professionalism.

Nurturing a culture of communal viewing experience.

The conceptual documentary: the artist's approach.

Screenings include talk.

#### MY WORK

<http://anatomyoffailure.cpm>

<http://minounorouzi.com>

<http://sheffieldfringe.com>

#### TALKS & PERFORMANCES

#### REVIEWS

#### BIOGRAPHY

I am an artist/filmmaker creating work that sits on the confluence point between art and documentary practice. I am interested in promoting conceptual approaches to documentary filmmaking. As the co-founder of Sheffield Fringe, I stage screenings and gallery events showcasing moving image works, providing landscapes of discomfort that draw in, repel, charm and seduce.

PRIMARY LOCATION

USA

SECONDARY LOCATION

Kenya

## Rye Barcott

Marine + non-profit founder

EMAIL

rb@carolinaforkibera.org

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Social entrepreneurship  
Combat vs community organizing  
Impact  
Participatory leadership

### MY WORK

<http://bit.ly/hbG4zT>  
<http://bit.ly/HGC6ll>

### TALKS & PERFORMANCES

### REVIEWS

<http://ti.me/uDX1PG>  
<http://bit.ly/hjycv4>

### BIOGRAPHY

Here's the highfalutin blurb from my speakers bureau: "On the surface, Rye Barcott may seem a man of contradictions: a Marine and a peace-maker, a social entrepreneur and a businessman. But, at its core, his mission is resolute and converges across sectors: to connect talent with opportunity, to spark change from within.

PRIMARY LOCATION

USA

SECONDARY LOCATION

## Bristol Baughan

Filmmaker

EMAIL

bristolwb@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Spiritual evolution, spiritual psychology, personal pilgrimage, healing.  
Storytelling – film development, production and distribution.  
Ads for Ideas – a new style of advertising selling ideas rather than issues or products.  
Diplomacy and intercultural communication through film.  
Documentary film

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

MC: TEDx Oxford/Cambridge conference  
Speaker: the LA Idea Project  
Speaker: visiting universities in Beijing and Guangzhou as part of the State Department Documentary Showcase

### BIOGRAPHY

I am an Emmy-winning and Oscar-nominated film producer, social entrepreneur and emerging film director. As co-founder of Reason Pictures/GOOD Magazine, I built a slate of Oscar-nominated and Emmy-winning feature films and documentaries including By the People, the Election of Barack Obama (HBO), Which Way Home (HBO), Son of Rambow (Paramount) and Racing Dreams (POV). Dreamworks has optioned the remake rights to Racing Dreams for producers Kurtzman and Orci (Transformers, Star Trek). Film credits also include The Power of the Game, directed by Michael Apted and released by National Geographic. I spearheaded GOOD's online video department in 2006, directing their first web videos and bringing millions of eyeballs to GOOD. I am in development on a feature film for my directorial debut and creating a new kind of advertising I call Ads for Ideas.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Eric Berlow

Ecological networks scientist

EMAIL

eric@trunorthlabs.org

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Ecosystem principles that inform sustainable business innovation.

Finding simplicity in complex problems.

Collective intelligence

### MY WORK

<http://ericberlow.net>

<http://trunorthlabs.org>

<http://swall-institute.org>

### TALKS & PERFORMANCES

<http://bit.ly/dzJLSS>

### REVIEWS

### BIOGRAPHY

I am an ecologist, complexity scientist, and founder of TRU NORTH Labs ([www.trunorthlabs.org](http://www.trunorthlabs.org)). I help map the ecosystem of complex problems to find leverage points with exceptional potential for social and environmental good. By “complex problem” I mean any problem with many moving parts that all potentially influence one another. My work includes conservation ecology, corporate environmental strategy, high-impact giving and generally helping people and organizations funnel their creative resources on the details that matter most.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Michele Borkin

3D visualization researcher

EMAIL

michelle\_borkin@harvard.edu

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Data visualization – data visualization techniques in general, and in the physical sciences.

Interdisciplinary research – bringing two seemingly different fields together to make revolutionary advances in both.

Astronomical medicine – an interdisciplinary example, bringing together medical imaging and astronomy to simultaneously save lives and unravel the mysteries of the cosmos.

### MY WORK

<http://seas.harvard.edu/~borkin>

### TALKS & PERFORMANCES

<http://bit.ly/owsn9M>

[http://bit.ly/mborkin\\_scichicago](http://bit.ly/mborkin_scichicago)

### REVIEWS

<http://bit.ly/vVh6RO>

<http://bit.ly/IEubEV>

<http://bit.ly/HRpF1H>

### BIOGRAPHY

I create new approaches to interdisciplinary scientific visualization and data exploration. I co-founded the “Astronomical Medicine” project at Harvard (<http://am.iic.harvard.edu/>) and collaborate with both astronomers and doctors to help them analyze and visualize their multidimensional data, and I cross-fertilize visualization and analysis techniques across scientific disciplines. Most recently I have been collaborating with computational physicists, computer scientists, radiologists and cardiologists to visualize the combination of simulation data with real medical imaging data to help diagnose and treat heart disease with novel noninvasive methods. I graduated from Harvard College with a BA in Astronomy & Astrophysics and Physics in 2006, and am now an Applied Physics PhD candidate at Harvard’s School of Engineering and Applied Sciences. My fields of interest include astronomy, physics, medical imaging and data visualization.

PRIMARY LOCATION

SECONDARY LOCATION

USA

# Laurel Braitman

Science historian + writer

EMAIL

laurel.braitman@gmail.com

PARTICIPATION

Speaking, performing

## KNOWLEDGEABLE ABOUT

Animal minds – with a focus on animal behavior and the ways we have long sought to expose the mysteries of nonhuman minds.  
History of science – with a focus on the history of natural history, dogs, cetaceans (dolphins and whales) and elephants.  
Music for animals – can nonhuman animals appreciate music, and if so, how do we know?

## MY WORK

<http://animalmadness.com>

## TALKS & PERFORMANCES

<http://bit.ly/HxfYqZ>  
<http://vimeo.com/34792448>

## REVIEWS

<http://bit.ly/mUFAOT>  
<http://bit.ly/oncl0G>  
<http://nyr.kr/eVe3mF>

## BIOGRAPHY

I am a historian and anthropologist of science who studies the ways our understanding of animal minds have changed since the late 19th century – and just what this means about us. My focus is on madness and insanity and what it means to call another animal insane (something that has been happening for a very long time). My work ranges from investigating stress disorders in elephants to obsessive-compulsiveness in dogs and dolphins.

PRIMARY LOCATION

SECONDARY LOCATION

USA

# Esther Chae

Actress + playwright

EMAIL

contact@estherchae.com  
sothearrowflies@gmail.com

PARTICIPATION

Speaking, performing

## KNOWLEDGEABLE ABOUT

The actor's method & tools: talking about the artist's process and how to incorporate personal experiences into effective storytelling; performance and acting for stage, TV and film, and public speaking utilizing acting techniques.  
Perception of gender identity, race, immigration in our post-911 political climate in the US: talk back with audience after either a full performance or excerpts from my play *So the Arrow Flies*, which touches upon North Korea, human rights issues, immigration and Asian American identity politics.

## MY WORK

“Got Jeong?” – Pho for Life, A Melting Pot of Thoughts  
“Purple Pill”  
<http://bit.ly/lAycqie>  
<http://bit.ly/HEDqUf>

## TALKS & PERFORMANCES

<http://bit.ly/J1JMKI>  
<http://bit.ly/lGNa2V>  
“My divergent paths to becoming a TED Fellow” TEDxItaewon in Seoul

## REVIEWS

## BIOGRAPHY

I am a solo performance artist who performs and lectures around the world with my play *So the Arrow Flies*, which is about a North Korean spy and the FBI agent that brings her down. I am a commercial actress working in Hollywood, and a writer and teacher. My fields of interest are exploring and sharing ideas with a global audience about acting, imagination, thought leadership through the arts and performance and how it relates to pressing social and political issues.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Candy Chang

Designer + urban planner

EMAIL

candy@candychang.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Combining urban planning, street art and graphic design, I transform simple objects like stickers, stencils and chalkboards into powerful tools that spark conversations in public spaces around the world.

### MY WORK

<http://candychang.com>

### TALKS & PERFORMANCES

### REVIEWS

<http://civiccenter.cc>  
<http://on.msnbc.com/HRrRcN>  
<http://bit.ly/pptBVL>  
<http://bit.ly/HDIQBh>  
<http://bit.ly/HDISJm>

### BIOGRAPHY

I am an artist, designer, and urban planner who likes to make cities more comfortable for people. I believe that the design of our public spaces can better reflect what is important to us as a community and as individuals. I create projects that spark conversations in public space to improve our neighborhoods and our personal well-being.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Tanzeem Choudhury

Information scientist

EMAIL

tanzeem.choudhury@cornell.edu

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Voice patterns: how mobile phones can improve people's lives.  
Monitoring mental health from your pocket.  
Cellphone apps to track our health.  
Brain-mobile interfaces.  
Measuring wellness with mobile phones.

### MY WORK

<http://www.cs.cornell.edu/~tanzeem>

### TALKS & PERFORMANCES

### REVIEWS

<http://bit.ly/lluWcD>

<http://nyti.ms/uJ4RE7>  
<http://smrt.io/eXBKen>

### BIOGRAPHY

I build computational systems that capture and understand people's lives and behavior – activities we're engaged in, how we engage with others. We're interested in building these systems using computers we carry with us all the time – our cellphones. I want to make such tools available to everyone so that we have ways of keeping track of and managing our health.

PRIMARY LOCATION

USA

SECONDARY LOCATION

Hong Kong

# Tino Chow

Designer

EMAIL

tinochow@gmail.com

PARTICIPATION

Speaking

## KNOWLEDGEABLE ABOUT

Designing tools and strategies to build community – practical advice to engage today’s customers who care.

Designing integrated experience – modern-day branding, PR and marketing is closely connected with why companies/organizations do what they do, and why their customers should care.

Building community for corporate innovation – tools and strategies that help companies take the first steps to building/transforming a business into an ever-innovative one.

Following your dreams via side projects.

## MY WORK

<http://bignewideas.com>

<http://tinochow.com>

<http://thecreativeactionnetwork.com/>

<http://connect.risd.edu/>

<http://twentysixpercent.com/>

<http://abetterworldbydesign.com/>

## TALKS & PERFORMANCES

<http://bit.ly/tYq5k3>

## REVIEWS

## BIOGRAPHY

My work revolves around applying design and design thinking to building sustainable communities. We help forward-thinking businesses and organizations start conversations, communicate effectively and activate community.

PRIMARY LOCATION

USA

SECONDARY LOCATION

# Deborah Cohen

EMAIL

cohendl@attglobal.net

PARTICIPATION

Speaking, performing

## KNOWLEDGEABLE ABOUT

## MY WORK

## TALKS & PERFORMANCES

## REVIEWS

## BIOGRAPHY

PRIMARY LOCATION

USA

SECONDARY LOCATION

Philippines

## Francis de los Reyes

Environmental engineer

EMAIL

fdelosr@ncsu.edu

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Decentralized water and wastewater treatment – a new paradigm for sustainable infrastructure.

Advances in microbial ecology and impacts on the environment.

Technical talks on waste treatment, microbial ecology.

Water and sanitation in developing countries.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

My area of expertise is in water and wastewater treatment, water and sanitation for developing countries, environmental biotechnology for waste conversion, applied microbial ecology.

PRIMARY LOCATION

USA

SECONDARY LOCATION

## Nina Dudnik

Robotist

EMAIL

nina@seedinglabs.org

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Science education

International aid and development

Corporate social responsibility

Social entrepreneurship

Science diplomacy

### MY WORK

<http://seedinglabs.org>

### TALKS & PERFORMANCES

<http://youtu.be/LK5SQibM6Fc>

<http://youtu.be/MJdrxcSWDGA>

<http://youtu.be/-kV4pWjtOM8>

### REVIEWS

<http://n.pr/udxqRV>

<http://bit.ly/po5ldv>

<http://bit.ly/iBMXMR>

<http://bo.st/6sBJOk>

### BIOGRAPHY

I am a molecular biologist-turned-social entrepreneur. I founded organization Seeding Labs, which works with universities in the developing world to build their science teaching and research capacity. My work and interests touch on international aid, science, higher education, the public role of scientists and science diplomacy, corporate social responsibility, social enterprise and economic development.

USA

## Sophal Ear

Development economist

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## EMAIL

sophal\_ear@yahoo.com

## PARTICIPATION

Speaking, performing

**KNOWLEDGEABLE ABOUT**

The politics of transitional justice (especially as it relates to Cambodia).  
China's global resources quest (Cambodia, Angola and Brazil).  
Non-traditional security threats in Southeast Asia.  
Southeast Asia and China

**MY WORK**

<http://bit.ly/lhXQza>  
<http://faculty.nps.edu/sear>  
<http://sophalear.com>

**TALKS & PERFORMANCES**

<http://bit.ly/Dg0zc>  
<http://bit.ly/9DF2QB>  
<http://bit.ly/jjZdcTv>  
<http://bit.ly/HGeL5b>

**REVIEWS**

<http://bigthink.com/ideas/40970>  
<http://bit.ly/IISXHt>  
<http://onforb.es/9helEg>  
<http://bit.ly/9sPISp>

**BIOGRAPHY**

While being a professor is my official job, I'm really paid to think, and to think big. Being a refugee from Cambodia, I frequently talk about my personal journey – an incredible journey of inspiration and survival – that has led me to look at justice in new and interesting ways (such as karmic justice, as Cambodia is a Buddhist country overcoming genocide). I publish on many topics, including China's global resource strategy, transitional justice, the politics of emerging infectious disease surveillance (avian influenza, swine flu and most recently drug-resistant malaria), the political economy of growth, aid dependence and regime legitimacy. Underlying everything is governance and improving the state of the world – the mission of the World Economic Forum, of which I am a Young Global Leader.

USA

## Ndubuisi Ekekwe

Engineer + technology economist

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## EMAIL

nekekwe1@jhu.edu

## PARTICIPATION

**KNOWLEDGEABLE ABOUT****MY WORK****TALKS & PERFORMANCES****REVIEWS****BIOGRAPHY**

I am an engineer, inventor, author and founder of the African Institution of Technology, an organization seeking to develop microelectronics in Africa.



PRIMARY LOCATION

SECONDARY LOCATION

USA

## Colleen Flanigan

Socio-ecological artist

EMAIL

misssnailpail@gmail.com

PARTICIPATION

Speaking, performing

### KNOWLEDGEABLE ABOUT

Living Sea Sculpture: contemporary art as coral refuge (Biorock artificial reefs).  
Miss Snail Pail: healthy alternative to pesticides.  
Stop-motion armatures: making skeletons for puppets.  
Interactivist/interventionist performer (Miss Snail Pail, Amphitrite, and ? coming soon) and coral restoration reenactments: interactive hands-on education and entertainment.

### MY WORK

*On the Trail with Miss Snail Pail* by Golden Bear Casting  
<http://www.colleenflanigan.com>  
<http://www.missnailpail.org>

### TALKS & PERFORMANCES

<http://colleenflanigan.com/index2.htm>  
<http://bit.ly/HAO0yb>

### REVIEWS

<http://bit.ly/rmXa1Z>  
<http://bit.ly/lJfPzD>  
<http://bit.ly/HMgaVt>  
<http://bit.ly/lfWyBS>

### BIOGRAPHY

I'm currently working at the intersection of art, science and technology –socio-ecological art. Two major focuses are coral restoration sculptures using Biorock mineral accretion and creating alter-egos that interact with the public, such as Miss Snail Pail, Amphitrite, and a soon-to-emerge persona who addresses “trash” from a compassionate perspective. I am interested in conceptual, multimedia, collaborative and often labor-intensive exhibits and projects that explore environment, alternative education, ocean, and translations of stories and scientific research through visual arts, performance and communication.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Marc Fornes

Computational architect

EMAIL

marcfornes@hotmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Architecture  
Design  
Computation  
Complex geometries

### MY WORK

<http://theverymany.com>

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am a computational architect whose large, undulating sculptures feel like structures exploded from the natural world. But far from mimicking nature, they are material expressions of computational protocols. My artwork attempts to reconcile the schism between the complexity of computation with the simplicity of fabrication, while seeking design freedom. I like to believe that I literally write space.

PRIMARY LOCATION

USA

SECONDARY LOCATION

Chile

## Ana Gabela

Environmentalist + educator

EMAIL

angabela@gmail.com

PARTICIPATION

Speaking, performing

### KNOWLEDGEABLE ABOUT

Conservation of the Galapagos Islands  
Urbanization of the Galapagos Islands  
Science education

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

Conservation biology. The effects humans have on native species of birds on the Galapagos Islands.

PRIMARY LOCATION

USA

SECONDARY LOCATION

Chile

## Greg Gage

Neuroscientist + roboticist

EMAIL

gagereg@backyardbrains.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Neuroscience  
DIY  
Engineering  
Bioethics

### MY WORK

<http://wiki.backyardbrains.com>  
<http://backyardbrains.com>

### TALKS & PERFORMANCES

<http://bit.ly/xMKB7W>

### REVIEWS

<http://bit.ly/rqNaRY>  
<http://bit.ly/sTt7aJ>

### BIOGRAPHY

I am a DIY neuroscientist. I co-founded Backyard Brains with my grad-school lab mate. We make cheap versions of what we used at university to let everyone have access to neuroscience tools. We like to give talks and demonstrate basic principles about the brain, which you probably never learned or have forgotten.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Kyra Gaunt-Palmer

### Ethnomusicologist

EMAIL

kyraocity@gmail.com

PARTICIPATION

Speaking, performing

#### KNOWLEDGEABLE ABOUT

On the MisEducation of college students: empowering great citizens and great human beings now! (What if students reformed higher ed?).

Could you be bigger on matters of race and racism? – a workshop where racism is a resource for changemakers.

The unlocking: what's left unsaid about music, race and gender in hip-hop (includes performance and innovative scholarly thought).

Measuring diverse participation at social innovation conferences.

Dear Ms. Afro: or what I learned teaching hip-hop, being a black female, and receiving hate mail (one-woman show of songs and stories).

Vocalist of improvisational jazz, R&B, neosoul and classical music and my own original songs. I perform with a guitarist and I also work with a four-piece band.

#### MY WORK

The Games Black Girls Play

*The Audacity of Humanity* (ebook) <http://bit.ly/9hZVvkU>

*Could You Be the Bigger N\*gger?* Racism Op-Eds by a Diverse Group of College Students

Nokia Mini-Doc, TED Fellows <http://bit.ly/4Blwzn>

Be the True Revolution <http://bit.ly/jpGBr6>

<http://kyraocityworks.com>

#### TALKS & PERFORMANCES

<http://bit.ly/wlZ56G>

<http://youtu.be/7wodyNpgU7Y>

<http://youtu.be/i78Jc4aFQYk>

<http://vimeo.com/21749501>

<http://youtu.be/1HDbN6U7-el>

#### REVIEWS

<http://bit.ly/lzPU0C>

<http://on.fb.me/ljAnzH>

<http://on.fb.me/HBtdKv>

#### BIOGRAPHY

I'm a musician, ethnomusicologist, author, teacher and social media maven who won't limit myself to one way of thinking. Using a variety of media, I work to help humanity see its own remarkable unity in diversity.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Jose Gomez-Marquez

### Medical device designer

EMAIL

jfgm@mit.edu

PARTICIPATION

Speaking

#### KNOWLEDGEABLE ABOUT

Medical device design

#### MY WORK

#### TALKS & PERFORMANCES

#### REVIEWS

#### BIOGRAPHY

I am the program director for the Innovations in International Health initiative at MIT and co-founder of LDTC+Labs, a design and strategy consultancy for international development technology. Among the projects at IIH is the Aerovax Drug Delivery System, a device for mass delivery of inhalable drugs and vaccines to remote populations. The rest of my IIH invention portfolio includes SafePilot, a wireless cane for the blind, and most recently, the X out TB program, which aims to increase TB therapy adherence in developing countries using novel diagnostics and mobile technology. Recently, the group has developed the MEDIKit, a series of design building blocks that empower doctors and nurses in developing countries to invent medical technologies. Our work has been profiled in Discover, Wired, and The Economist.

PRIMARY LOCATION

USA

SECONDARY LOCATION

## Jonathan Gosier

African tech entrepreneur

EMAIL

jg@metalayer.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Data visualization  
Africa  
Innovation  
News  
Information overload

### MY WORK

<http://gosdot.com>

### TALKS & PERFORMANCES

<http://bit.ly/mOx4dg>  
<http://bit.ly/IRWAqD>  
<http://bit.ly/lzQMpO>  
<http://bit.ly/IRWKOa>  
<http://bit.ly/kG0Gii>

### REVIEWS

<http://tnw.co/tcAI05>  
<http://bit.ly/IRX002>  
<http://bit.ly/mlZbyx>  
<http://bit.ly/jdWkLL>  
<http://cnnmon.ie/9JnPha>

### BIOGRAPHY

I am a designer, software developer, lover of data science and the co-founder of metaLayer.com, which aims to change how you analyze content by offering products for atomizing and visualizing data. From 2009 to 2011 I served as director of product for SwiftRiver at Ushahidi, working on an open-source platform for drawing insight from real-time communication during crisis events. The SwiftRiver project was awarded the 2011 Knight News Challenge award for its potential to improve the data journalism and news-gathering process. In 2009 I spoke at TEDGlobal in Oxford about my company Appfrica and one of our projects, which connected rural African villages with the internet through a call center and light infrastructure. The service, in collaboration with non-profit OpenMind, was called QuestionBox, and allowed people with no access to the internet to ask questions and get timely, vetted answers. I am also the organizer of the annual Apps4Africa competition, which encourages African software developers to create solutions to local problems.

PRIMARY LOCATION

USA

SECONDARY LOCATION

New Zealand

## Sean Gourley

War physicist

EMAIL

Sean@quid.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Big data – how numbers and algorithms are shaping our lives.  
Innovation – discovering the technology genome.  
Augmented Intelligence – using data to increase human perception.

### MY WORK

<http://seangourley.com>  
<http://www.quid.com>  
<http://bit.ly/aMdTbY>  
<http://bit.ly/h1IEpC>

### TALKS & PERFORMANCES

<http://bit.ly/81aXA>  
<http://bit.ly/dgFlfc>  
<http://bit.ly/rdl3Vr>

### REVIEWS

### BIOGRAPHY

My twin passions are physics (working on nanoscale blue-light lasers and self-assembled quantum nanowires) and politics (I once ran for a national elected office in New Zealand). My current focus is on the mathematics of war – the hidden patterns of modern conflict.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Jessica Green

Engineer + biodiversity scientist

EMAIL

[jlgreen@uoregon.edu](mailto:jlgreen@uoregon.edu)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Microbial ecology

Biodiversity

The built environment microbiome.

### MY WORK

<http://biology.uoregon.edu/people/green/>

<http://biobe.uoregon.edu/>

### TALKS & PERFORMANCES

<http://bit.ly/qQ4Ogh>

<http://bit.ly/n0v1BQ>

<http://bit.ly/J1h1fT>

### REVIEWS

<http://bit.ly/g036bC>

<http://bit.ly/J1hGiH>

### BIOGRAPHY

I am an engineer and ecologist specializing in biodiversity theory and microbial systems. As a professor at both the University of Oregon and the Santa Fe Institute, I am the founding director of the innovative new Biology and the Built Environment (BioBE) Center that bridges biology and architecture. I envision a future with genomic-driven approaches to architectural design that promote sustainability, human health and well-being. I am currently spearheading efforts to model buildings as complex ecosystems that house trillions of diverse microorganisms interacting with each other, with humans and with their environment. This framework uses next-generation sequencing technology to characterize the “built environment microbiome,” and will ultimately offer site-specific design solutions to minimize the spread of infectious disease and maximize building energy efficiency.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Robert Gupta

Violinist

EMAIL

[robertvgupta@gmail.com](mailto:robertvgupta@gmail.com)

PARTICIPATION

Speaking, performing

### KNOWLEDGEABLE ABOUT

Homelessness, mental health advocacy

Neuroscience research on music and the brain.

Classical music performance and historical practice.

Education

Role of arts in modern society.

### MY WORK

Album in production, due April 2012

### TALKS & PERFORMANCES

<http://bit.ly/9qp1NF>

<http://bit.ly/jKF0mp>

### REVIEWS

### BIOGRAPHY

I am a professional violinist, directing a nonprofit organization bringing live musical performance and workshops to the homeless and mentally ill on skid row. Also working with veterans with PTSD and the incarcerated, with the aim to remove the stigma associated with these labels. I have an interest and background in neuroscience and degenerative neurobiology. I have a deep passion for education and the role of the arts in society.

PRIMARY LOCATION

USA

SECONDARY LOCATION

Venezuela

## Lope Gutiérrez-Ruiz

Culture curator

EMAIL

lope@gopherillustrated.org

PARTICIPATION

### KNOWLEDGEABLE ABOUT

Magazine publishing  
Design  
Latin American culture  
Collaborative art  
Fostering tolerance

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I'm the publisher of Gopher Illustrated, a magazine that offers a modern perspective of Latin America to English-speaking audiences. Gopher Illustrated recently launched a studio with a design team, In-House International, based in Austin, Texas. I am also developing LAT Lab – an athenaeum-type space that will incubate and promote collaborative art projects, set to launch in 2013.

PRIMARY LOCATION

USA

SECONDARY LOCATION

## Peter Haas

Rural infrastructure innovator

EMAIL

phaas@aidg.org

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Product design for emerging markets.  
Small and medium enterprise development in emerging markets.  
Social entrepreneurship  
International development  
Earthquake engineering in developing countries.

### MY WORK

### TALKS & PERFORMANCES

<http://bit.ly/cA1003>

### REVIEWS

### BIOGRAPHY

My focus is on international development through the development of small and medium enterprises and bringing new infrastructure technologies to bottom-of-the-pyramid populations.

PRIMARY LOCATION

SECONDARY LOCATION

USA

# Meklit Hadero

Singer + songwriter

EMAIL

kaustique@gmail.com

PARTICIPATION

Speaking, performing

## KNOWLEDGEABLE ABOUT

The Nile Project – a multicultural musical platform to bring together musicians living in the Nile countries.  
The star guitar – a hybridization of sonic light curves (i.e. – star sounds) and the guitar, part of the musical project CopperWire.  
CopperWire performance – an Ethiopian hip-hop space opera that tells the story of diaspora and bridging cross-cultural distances through metaphors of space travel and intergalactic movement.  
Performance of solo music project – a quartet bringing together influences from folk, jazz and Ethiopian traditions.

## MY WORK

<http://meklithadero.com>  
<http://n.pr/ae8adb>

## TALKS & PERFORMANCES

## REVIEWS

<http://bit.ly/kQ3HkB>  
<http://exm.nr/9ipqcn>  
<http://bo.st/HDtga1>  
<http://to.pbs.org/cd9iDr>

## BIOGRAPHY

I am an Ethiopian-American singer, musician and cultural activist who sits at the intersection of the pure joy of performance and the exploration of the ways that the arts can stitch together communities – sometimes at the micro-level of a neighborhood, and other times across countries and cultural divides.

PRIMARY LOCATION

SECONDARY LOCATION

USA

# Oliver Hess

Artist

EMAIL

oliver@choubun.com

PARTICIPATION

## KNOWLEDGEABLE ABOUT

## MY WORK

## TALKS & PERFORMANCES

## REVIEWS

## BIOGRAPHY

I am a director at Materials & Applications (M&A), a nonprofit research center where I oversee the technical aspects of installations and collaborate on the design development of each piece. I teach in the Environmental Design department at Art Center College of Design, and am a partner in the design collaborative infranatural.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Adrian Hong

Human rights entrepreneur

EMAIL

[hong.adrian@gmail.com](mailto:hong.adrian@gmail.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Human rights/closed societies  
Social innovations and ventures  
International policy and relations  
North/South Korea  
Libya

### MY WORK

### TALKS & PERFORMANCES

<http://bit.ly/8h2M>  
<http://bit.ly/HIT14n>

### REVIEWS

<http://bit.ly/e1qO4i>  
<http://bit.ly/gYPSHf>

### BIOGRAPHY

Experienced in human rights, social ventures, and advising governments, corporations and civil society on various policy matters.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Luke Hutchison

Computational biologist

EMAIL

[kaustique@gmail.com](mailto:kaustique@gmail.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

The future of artificial intelligence, and why we may not be able to build sentient machines any time soon.  
How to handle the tsunami of data that is washing over the Earth and through our lives.  
The multicore dilemma – the coming crisis of not only the apparent end of Moore’s Law, but a coming era of significantly buggier software.  
Human rights and freedom of information in North Korea.  
How to learn a language (I am fluent in Korean, Chinese, French and English).

### MY WORK

<http://metalev.org/>  
<http://twitter.com/LH>

### TALKS & PERFORMANCES

<http://resume.lukehutch.com/p/videos.html>

### REVIEWS

<http://bit.ly/hEZlrX>  
<http://bit.ly/HOqQm0>

### BIOGRAPHY

I have four degrees in computer science, including a PhD from MIT. My PhD research in computational biology – in collaboration with Harvard Medical School – was an attempt to find how the macro-scale structure of an organism is encoded in its genome, with the aim of learning how to grow replacement organs from a person’s own body. I have a lot of other eclectic interests, including human rights, freedom of information in North Korea (where I have traveled twice) and the rise of China.



PRIMARY LOCATION

SECONDARY LOCATION

USA

## Jennifer Indovina

Clean tech entrepreneur

EMAIL

jen@indovina.us

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Entrepreneurship  
Internet of things  
Energy efficiency  
Global “off grid” energy  
Invention

### MY WORK

<http://www.tenrehte.com/docs/news/>

### TALKS & PERFORMANCES

<http://youtu.be/fbhaDofruRA>  
<http://vimeo.com/greenstart/week-five>  
<http://vimeo.com/33061624>  
<http://bcove.me/cq6ifcm4>  
[http://youtu.be/BQ\\_UQxZYyXI](http://youtu.be/BQ_UQxZYyXI)

### REVIEWS

<http://bit.ly/pD6Yyk>  
<http://bit.ly/IExNXs>  
<http://bit.ly/l9px01>  
<http://buswk.co/cxl5np>  
<http://bit.ly/icvk4N>

### BIOGRAPHY

I am a clean tech entrepreneur, inventor and political energy advisor currently working to spread energy efficiency initiatives worldwide. I believe the greenest energy is the energy we save. I also work on creating an “internet of things” – or integration of communication into inanimate objects –and the ability that we have as inventors to create a better future.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Marcin Jakubowski

Farmer + technologist

EMAIL

opensourceecology@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Open-source hardware – such as the GVCS – and reinvention of re-localized production.  
Open-source economic development – collaboration for transcending artificial material scarcity.  
Distributive enterprise – being a generalist and boundary-crosser, and how that relates to pursuing higher purpose.  
Industry 2.0 – digital fabrication fueled by open-source design.

### MY WORK

<http://bit.ly/lsTAU1>  
<http://bit.ly/tNrIVB>  
<http://bit.ly/HAluLX>

### TALKS & PERFORMANCES

<http://huff.to/rRy8Wf>

### REVIEWS

<http://bit.ly/IJ6JCQ>

### BIOGRAPHY

I am working on the Global Village Construction Set (GVCS) – an open technological platform that allows for the easy fabrication of the 50 different industrial machines required to build a small civilization with modern comforts. Technology is power – it can hold you hostage or it can set you free. My goal is to tame technology so we no longer focus on survival as people – but on higher purpose.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Lars Jan

Transmedia director

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EMAIL

[lars@earlymorningopera.com](mailto:lars@earlymorningopera.com)

PARTICIPATION

KNOWLEDGEABLE ABOUT

MY WORK

TALKS & PERFORMANCES

REVIEWS

BIOGRAPHY

I am a multimedia artist creating performances that probe the ubiquity of screens and propaganda in our culture.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Leilah Janah

Employment innovator

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EMAIL

[leila@samasource.org](mailto:leila@samasource.org)

PARTICIPATION

Speaking

KNOWLEDGEABLE ABOUT

Social business, philanthrocapitalism, sustainability  
Women in business  
Social enterprise  
Technology and entrepreneurship

MY WORK

<http://leilajanah.com>

TALKS & PERFORMANCES

REVIEWS

<http://bit.ly/lz5ZWx>  
[http://youtu.be/\\_pqcc1aAlew](http://youtu.be/_pqcc1aAlew)  
<http://youtu.be/QLRElspthdg>

BIOGRAPHY

I am the founder of Samasource, an award-winning social business that connects people living in poverty to microwork – small, computer-based tasks that build skills and generate life-changing income. Janah is a frequent speaker on social entrepreneurship and technology, and her work has been profiled by CBS, CNN, NPR, the BBC, The New York Times and New Scientist. She received the World Technology Award for Social Entrepreneurship in 2010, and in 2009 was named one of Fast Company's Most Innovative Women in Tech.

PRIMARY LOCATION

SECONDARY LOCATION

USA

# Mitchell Joachim

Architect + futurist

EMAIL

mj@terreform.org

PARTICIPATION

Speaking

## KNOWLEDGEABLE ABOUT

Ecological cities – the future of urban form.  
New transportation – soft cars and blimp buses.  
Biological architecture – tree homes to meat houses.  
Education of design: the synthetic bio revolution.  
Tall buildings and technology

## MY WORK

Envisioning Ecological Cities  
<http://bit.ly/o3IYPB>  
[http://www.archinode.com/Mitchell\\_Joachim\\_CV.pdf](http://www.archinode.com/Mitchell_Joachim_CV.pdf)  
<http://terreform.org>  
<http://archinode.com>

## TALKS & PERFORMANCES

<http://bit.ly/hSqVT>  
<http://bit.ly/b277oP>  
<http://bit.ly/i0gQR1>  
<http://bit.ly/HGOIXQ>

## REVIEWS

<http://www.popsci.com/node/46221>  
<http://huff.to/hLTqXS>  
<http://bit.ly/xea>  
<http://nyti.ms/fGP0pc>  
<http://bit.ly/rpsoKY>

## BIOGRAPHY

Green design, architecture, future cities, transport, art and biology.

PRIMARY LOCATION

SECONDARY LOCATION

USA

Korea

# E Roon Kang

Architect + design entrepreneur

EMAIL

eroon.kang@gmail.com

PARTICIPATION

## KNOWLEDGEABLE ABOUT

## MY WORK

## TALKS & PERFORMANCES

## REVIEWS

## BIOGRAPHY

I operate an interdisciplinary design studio, Math Practice. I work in print, web and environmental graphics, as well as with interactive installations. I have an interest in studying, evaluating and criticizing complex systems and the consequential pointlessness of a pursuit of efficiency.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Shalini Kantayya

Filmmaker + activist

EMAIL

shalini@7thempiremedia.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

a DROP of LIFE: Inside the mounting global water crisis.  
Solarize This – films fueling the clean energy revolution.  
Making films, making change – media in social protest.

### MY WORK

<http://vimeo.com/18256613>  
<http://vimeo.com/29988143>  
<http://shalinikantayya.net>  
<http://thempiremedia.com>

### TALKS & PERFORMANCES

<http://bit.ly/HGh0VX>

### REVIEWS

<http://adropoflife.tv>  
<http://shalinikantayya.net/buzz.html>

### BIOGRAPHY

My film – a DROP of LIFE: Inside the Mounting Global Water Crisis – explores water as a basic human right and aims to inspire student advocates to make change in their own communities and around the world. It has been used as an organizing tool in more than 40 villages across Africa. My company, 7th Empire Media, is committed to using media to give a powerful voice to the unheard. I'm also currently working a feature documentary, "Solarize This," about the possibility of building a clean energy economy through the lives of unemployed American workers seeking to retool for the solar industry. The film will be ready for release with a screening/lecture series in autumn 2012/spring 2013.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Michael Karnjanaprakorn

Entrepreneurial educator

EMAIL

michael@skillshare.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Education  
Entrepreneurship

### MY WORK

<http://skillshare.com>

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am the CEO and co-founder of Skillshare, a community marketplace to learn anything from anyone, anywhere.

PRIMARY LOCATION

USA

SECONDARY LOCATION

Afghanistan

## Teru Kuwayama

Architect + design entrepreneur

EMAIL

teru@kuwayama.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Afghanistan, Pakistan, Kashmir

Photography

Social media, alternative media, information operations

War, military operations, insurgency/counterinsurgency

Grassroots humanitarian aid

### MY WORK

<http://basetrack.org>

<http://terukuwayama.com>

### TALKS & PERFORMANCES

<http://hvrd.me/IOuHzs>

<http://1197.is/>

<http://2011.sf.wordcamp.org/speakers/>

<http://bit.ly/IKCOuf>

<http://bit.ly/zXy09V>

### REVIEWS

<http://nyti.ms/f1LQHx>

<http://bit.ly/f41aUT>

<http://bit.ly/HE6LIm>

<http://bit.ly/HENX1z>

<http://bit.ly/aA13bZ>

### BIOGRAPHY

PRIMARY LOCATION

USA

SECONDARY LOCATION

## Juliette LaMontagne

Education + innovation consultant

EMAIL

juliettelamontagne@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Alternative learning

Project-based learning

Social entrepreneurship

EdTech innovation

Youth leadership

### MY WORK

<http://amzn.to/lh8Ht5>

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am a career educator: NYC public school teacher, Columbia University professor, and professional developer. I'm an Innovation Consultant for the Asia Society's International Studies School Network, the Center for the Professional Education of Teachers and the Student Press Initiative. My new initiative is BREAKER: where alternative learning meets social innovation.

PRIMARY LOCATION

USA

SECONDARY LOCATION

China

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## Christine Lee

Bioarcheologist

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EMAIL

christinelee70@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Chinese and Mongolian culture  
Ethnic identity and assimilation  
Archaeological techniques and research

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am a bioarchaeologist working in China and Mongolia, studying human skeletal remains from archaeological excavations. I hope to introduce the diversity of past and present Asian cultures to a modern audience.

PRIMARY LOCATION

USA

SECONDARY LOCATION

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## Jae Rhim Lee

Scientific artist

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EMAIL

jrlee@mit.edu

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

The Infinity Burial Project: cultural death denial, the environment & postmortem practices.

### MY WORK

<http://zonezerozerostudio.com>  
<http://infinityburialproject.com>

### TALKS & PERFORMANCES

<http://bit.ly/rol9WM>

### REVIEWS

<http://bit.ly/pw8RmK>  
<http://bit.ly/ssSwuk>  
<http://bit.ly/mXaJa5>  
<http://bit.ly/or42Zc>

### BIOGRAPHY

I develop projects at the intersection of art, design, science and social engagement that propose alternative relationships between the body/self and the built and natural environment.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Jimmy Lin

Geneticist

EMAIL

[jimmy.lin@raregenomics.org](mailto:jimmy.lin@raregenomics.org)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Democratizing research with crowdsourcing and crowdfunding.  
How to enable research for long-tail (rare) diseases – empowering patients to accelerate science.  
Health 2.0 – translating the latest genomics technology for the patient.  
Moving genomics to the bedside – challenges and opportunities for clinical next-gen sequencing.

### MY WORK

<http://raregenomics.org>

### TALKS & PERFORMANCES

### REVIEWS

<http://bsun.md/lIRQaR>  
<http://bit.ly/vWU59n>  
<http://huff.to/xwSZdy>  
<http://on.mash.to/xptQlv>  
<http://bloom.bg/yZ0NR8>

### BIOGRAPHY

I am the founder of the Rare Genomics Institute, an organization that allows patients to crowdsource funds and genomes to accelerate research of their rare genetic diseases. My interests are genomics, rare diseases, crowdfunding, democratization of science and patient-centered research.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Jon Lowenstein

Documentary photographer

EMAIL

[jon@jonlowenstein.com](mailto:jon@jonlowenstein.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Undocumented immigration in the United States.  
South Side of Chicago and the decay of the American city.  
The power of photography and visual literacy.  
Social violence in Central America.  
The impact of cerebral malaria in Uganda.

### MY WORK

<http://jonlowenstein.com>

### TALKS & PERFORMANCES

### REVIEWS

<http://tedxmidatlantic.com/2011-talks/>

### BIOGRAPHY

I am a documentary photographer who specializes in in-depth photography that challenges the status quo.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Sonaar Luthra

Architect + design entrepreneur

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EMAIL

sonaar@watercanary.com

PARTICIPATION

### KNOWLEDGEABLE ABOUT

Mobile networking  
Water safety

### MY WORK

### TALKS & PERFORMANCES

<http://bit.ly/zP4TsP>

### REVIEWS

### BIOGRAPHY

I am leveraging the power of mobile networking and water-safety analysis with the Water Canary – a handheld, open-source and easy-to-use water-analysis gadget accessible to all. I hope the Water Canary will become a ubiquitous tool that not only improves lives, but can gather information that will improve global water health.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Alexander MacDonald

Aerospace economist

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EMAIL

alexander.c.macdonald@nasa.gov

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Emerging space – 21st-century private-sector space programs.  
The long space age – the long run economic perspective on American space exploration.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am a space economist currently working at NASA on private space exploration. My interests include the economics and history of space exploration and space development.



PRIMARY LOCATION

SECONDARY LOCATION

USA

## Christine Marie

Shadow artist

EMAIL

4cm@cimimarie.com

PARTICIPATION

Speaking, performing

### KNOWLEDGEABLE ABOUT

Why we love shadows – shadow art, ancient forms of shadow theater and their relationship to modern cinema.

Storytelling with shadows – why shadows are the best form to embody and articulate Jungian archetypes, and why shadows stimulate our imaginations.

My personal and professional experiences following the dream of being a puppetry artist in America in the 21st century.

### MY WORK

<http://cimimarie.com>

### TALKS & PERFORMANCES

### REVIEWS

<http://bit.ly/ISgRMB>  
<http://lat.ms/ko2H4T>  
<http://bit.ly/HGSNLQ>  
<http://bit.ly/J81OLi>  
<http://lat.ms/lhQ4Fr>

### BIOGRAPHY

I create a modern cinematic form of large-scale shadow theater. My work is inspired by the ancient roots of shadow puppetry traditions like Balinese Wayang Kulit. As an inventor and artist I create lights that project 3D stereoscopic shadows and also work with mirrors and other reflective surfaces to create lo-fi effects for spectacle-style performances. I am interested in visual performances that are created with no to low digital means and audience response to visual, non-digital storytelling. The productions are set to original modern compositions without the use of dialogue. I have been working professionally in theater and media for over a decade. I have taught shadow theater workshops at DreamWorks and Pixar studios, as well as at schools, universities and juvenile hall.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Andrew Mendelson

EMAIL

amendelson@gmail.com

PARTICIPATION

### KNOWLEDGEABLE ABOUT

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

Filmmaker, film/TV editor, and musician. My documentary, A Cricket in the Court of Akbar, chronicles my journey to India to compete in the largest music competition in the state of Rajasthan.

PRIMARY LOCATION

USA

SECONDARY LOCATION

France | Mauritius Island

## Jean-Baptiste Michel

Cultural scientist

EMAIL

jb.michel@gmail.com

PARTICIPATION

Speaking, performing

KNOWLEDGEABLE ABOUT

MY WORK

<http://books.google.com/ngrams>

TALKS & PERFORMANCES

REVIEWS

BIOGRAPHY

I am a biologist, engineer and mathematician and the co-discoverer of culturomics, a scientific field that uses very large datasets to quantitatively investigate human culture and society. A postdoctoral fellow at Harvard and visiting faculty at Google, I helped create the Google Books Ngram Viewer, which has already been used millions of times to visualize cultural trends stretching over centuries. My active interests include cultural evolution, bacterial pathogenomics and financial markets.

PRIMARY LOCATION

USA

SECONDARY LOCATION

## Nathalie Miebach

Weather artist

EMAIL

n\_miebach@hotmail.com

PARTICIPATION

Speaking

KNOWLEDGEABLE ABOUT

Visualizing data through sculpture and music.

MY WORK

<http://nathaliemiebach.com>

TALKS & PERFORMANCES

<http://bit.ly/oG7SQc>

REVIEWS

<http://nyti.ms/nVbOTD>  
<http://bo.st/HRbQ6N>  
<http://bit.ly/c0QFNZ>  
<http://bit.ly/uNxRas>  
<http://bit.ly/qelAPI>

BIOGRAPHY

Nathalie Miebach translates scientific data related to meteorology, ecology and oceanography into woven sculptures and musical scores and performances. Her main method of data translation is basket weaving, which functions as a simple, tactile grid through which to interpret data into 3D space. Central to this work is her desire to explore the role visual and musical aesthetics play in the understanding of complex scientific systems, such as weather. Using artistic processes and everyday materials, she questions and expands upon the media through which scientific data is traditionally visually translated (such as graphs, diagrams), while upending expectations of visual vocabulary and how it functions in the domains of “science” and “art.”

USA

## Richard Move

Performance + media artist

## EMAIL

info@move-itproductions.com  
rmove10@gmail.com

## PARTICIPATION

Speaking, performing

## KNOWLEDGEABLE ABOUT

Dance/performance and media: from its origins to my perception of its futurity, including examples of my own work and psychoanalytic theories that connect the corporal and the virtual.

Disability and dance/performance – particularly through my firsthand experience as filmmaker of GIMP: The Documentary.

## MY WORK

[http://www.concordepress.com/part\\_real\\_part\\_dream](http://www.concordepress.com/part_real_part_dream)  
<http://vimeo.com/26445829> password:gimpdoc  
<http://www.youtube.com/user/RichardMove2009>  
<http://www.move-itproductions.com>  
“Where is Ana Mendieta?”

## TALKS &amp; PERFORMANCES

<http://bit.ly/lcvXbM>  
<http://bit.ly/ljO8OX>  
<http://nyr.kr/tkQbj6>  
<http://bit.ly/c3mi1w>

## REVIEWS

<http://bit.ly/HMCPkr>  
<http://bit.ly/Hyq0XA>  
<http://bit.ly/lrhKNn>  
<http://bit.ly/HEkFnd>

## BIOGRAPHY

I am a multi-disciplinary artist and scholar creating time-based performance, dance-theater works, filmic/digital works with dance and performance as my subjects and theoretical, scholarly research and writing on my art practice. The creation of these works centers on the exploration of the interconnectivity of the body, new and old forms of media, gender studies and conventional definitions of the dancer, particularly disability and the “able-bodied” dancer. My work as a PhD candidate in performance studies at New York University and my high profile theatrical/filmic productions inform my iconoclastic and rich understanding of performance/media historicity and futurity, its relationship to other disciplines and its significant socio-cultural implications. As scholar/writer, speaker and performer, I am in the unique position to successfully communicate these ideas to audiences whether or not they are familiar with these genres.

USA

## Dominic Muren

Open manufacturing evangelist

## EMAIL

dmuren@humblefactory.com

## PARTICIPATION

Speaking

## KNOWLEDGEABLE ABOUT

Open hardware: the still-evolving movement toward sharing freely editable designs for all objects.

Maker culture: makers are an informal global collective of tinkerers and experimenters making things the market can't or won't make for them.

Digital fabrication: how computer-controlled fabrication machinery and shared design files will change the way companies research, develop, and ship products.

## MY WORK

<http://humblefactory.com>

## TALKS &amp; PERFORMANCES

<http://bit.ly/HBNxeO>  
<http://bit.ly/HEEhnL>  
<http://bit.ly/tH03I8>

## REVIEWS

<http://humblefactory.com>  
<http://bit.ly/HBNAr5>

## BIOGRAPHY

I am a designer and inventor working to develop and encourage decentralized, localized production of useful objects. My design lab, The Humblefactory, creates tools and technologies that enable makers – informal fabricators, around the world, making things the market can't or won't make for them – to make more things, using local materials and shared expertise. I also teach industrial design at the University of Washington, where I use classes like “The 100-mile design challenge” (100miledesignchallenge.org) to expose students to these ideas. I am deeply embedded in the global maker community, and love to support and talk about these brave experimenters. I am also connected with the Permaculture movement, and working to develop urban agriculture methods for raw material production. All of these interests come together in my latest project, Alchematter.org, an open source platform for sharing, discovering and remixing fabrication procedures. Alchematter will allow a global collective of makers to share design information while leveraging their own particular local material and tool access to turn that information into objects.

PRIMARY LOCATION

SECONDARY LOCATION

USA

Haiti

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## Sandhya Naidu Janardhan

Architect

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EMAIL

kaustique@gmail.com

PARTICIPATION

KNOWLEDGEABLE ABOUT

MY WORK

TALKS & PERFORMANCES

REVIEWS

BIOGRAPHY

Program Manager at Architecture for Humanity.

PRIMARY LOCATION

SECONDARY LOCATION

USA

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## Pratham Naik

For-profit educator

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EMAIL

naikpratham@gmail.com

PARTICIPATION

KNOWLEDGEABLE ABOUT

MY WORK

TALKS & PERFORMANCES

REVIEWS

BIOGRAPHY

I am marketing director of the Indian School Finance Company, working to alleviate poverty through the for-profit education model.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Kate Nichols Artist

EMAIL

nicholskate@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Art

Color, structural color

Nanoscience

Studio and laboratory-based art practice

How artists have manipulated light throughout history.

### MY WORK

<http://katenicholsstudio.com>

### TALKS & PERFORMANCES

<http://bit.ly/lhgAin>

<http://bit.ly/IEF4E4>

### REVIEWS

<http://bit.ly/bKhI1O>

<http://bit.ly/b5C7MK>

<http://buswk.co/awktYF>

<http://bit.ly/J7mSBH>

### BIOGRAPHY

As an artist, I explore light and color through a diversity of practices including nanoparticle synthesis, Northern Renaissance painting and paint-making, bacterial culture and Victorian mirror-making.

PRIMARY LOCATION

SECONDARY LOCATION

USA

Austria

## Prumsodun Ok Interdisciplinary artist

EMAIL

prumsodun.ok@gmail.com

PARTICIPATION

Speaking, performing

### KNOWLEDGEABLE ABOUT

Ancestral offerings: why traditional performing arts need to be kept alive.

Dancing borders, digital nations: transcending hate in digital communities like YouTube.

Cycles of poverty: the needs of inner city youth and finding pathways to create effective change.

Transforming nature: the gestural language of Cambodian classical dance.

### MY WORK

<http://ted.com/profiles/711930>

<http://vimeo.com/33188882>

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I work to positively transform the world through my practice as an artist, curator, teacher, writer and organizer. My interdisciplinary performance works explore poet Rene Daumal's expression of "the avant-garde in antiquity," mining the tradition of Cambodian classical dance to explore the intersection of contemporary social issues and new possibilities for performance. I was born and raised in Long Beach, CA, where I began training in Cambodian classical dance with award-winning choreographer Sophiline Cheam Shapiro. I later studied experimental filmmaking under the direction of artists such as Ernie Gehr, Brook Hinton, Jeanne Liotta and composer Charles Boone at the San Francisco Art Institute. I have trained in Takhmao, Cambodia with master artist Penh Yom of the Khmer Arts Ensemble, Cambodia's leading ensemble of classical dance and music.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Iyeoka Okoawo

Poet + recording artist

EMAIL

iyekoaka@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

When women were drummers.  
Empowering women and girls.  
African language preservation, the oral speaking tradition.  
Esan names, proverbs, and poems from an Esan woman.  
Rebirth, find yourself, become your new voice.

### MY WORK

<http://leilajanah.com>

### TALKS & PERFORMANCES

<http://bit.ly/lz5ZWx>  
<http://bit.ly/vNwWRp>  
<http://bit.ly/J6SkQG>

### REVIEWS

### BIOGRAPHY

I am a multidisciplinary presenter. I'm a registered licensed pharmacist, an award-winning songwriter, poet, vocalist, drummer, experienced writing and drumming workshop facilitator, meditation guide and alternative medicine woman.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Sarah Parcak

Space archeologist

EMAIL

sparcak@uab.edu

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Space archaeology (Egypt) – major new discoveries.  
Egyptian archaeology – past environmental change.  
Archaeology – scale of global discoveries left to be found.  
Cultural heritage – loss via looting and development.  
Future of the Middle East vs its past.

### MY WORK

Satellite Remote Sensing for Archaeology  
Egypt: What Lies Beneath  
Egypt's Lost Cities  
Why Ancient Egypt Fell  
<http://sarahparcak.com>

### TALKS & PERFORMANCES

### REVIEWS

<http://n.pr/k8Waye>  
<http://bbc.in/kGXsIB>  
<http://ind.pn/izSL9s>

### BIOGRAPHY

I am a space archaeologist and Egyptologist – I use satellite imagery to map ancient civilizations. I am also a cultural heritage specialist, and have a deep understanding of Middle Eastern culture and history (i.e. the Arab Spring and its implications).

PRIMARY LOCATION

SECONDARY LOCATION

USA

## James Patten

Inventor

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EMAIL

[james@pattenstudio.com](mailto:james@pattenstudio.com)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

### MY WORK

<http://pattenstudio.com>

### TALKS & PERFORMANCES

<http://youtu.be/lJr7f4kowGk>  
<http://bit.ly/HDNpN3>

### REVIEWS

### BIOGRAPHY

I run a small design firm in New York that creates new technologies to expand what's possible in the world of design. Projects range from interactive science-museum exhibits to a robotic harp for Bjork's latest tour.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Joshua Roman

Architect + design entrepreneur

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EMAIL

[joshuaroman@gmail.com](mailto:joshuaroman@gmail.com)

PARTICIPATION

Perfroming

### KNOWLEDGEABLE ABOUT

Classical music and the internet.  
Classical music in general.

### MY WORK

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I do presentations along with my normal classical music performances, but I generally prefer them to go together. It would take a lot for me to travel sans cello for an engagement.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Kellee Santiago

President + co-founder, thatgamecompany

EMAIL

kellee@thatgamecompany.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Games are art  
Everyone should learn game design.  
The entrepreneurial journey.  
Starting a game studio.

### MY WORK

<http://kelleesantiago.com>

### TALKS & PERFORMANCES

<http://bit.ly/cv5UFk>  
<http://bit.ly/HGGq2o>  
<http://bit.ly/IOA5jx>  
<http://bit.ly/HITx2c>

### REVIEWS

<http://thatgamecompany.com>  
<http://indie-fund.com>  
<http://on.msnbc.com/Hx5wzv>  
<http://bit.ly/pbiNLj>  
<http://bit.ly/HDrc0B>

### BIOGRAPHY

I am president and co-founder of thatgamecompany. Our goal is to make video games that communicate different emotional experiences, and expand the communicative possibilities of games. I speak around the world at video game, business, and entertainment conferences on the possibilities of video games, entrepreneurship, and better methods for video game development. I also partner in IndieFund, which aims to support the growth of games as a medium by helping indie developers get financially independent and stay financially independent.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Carl Schoonover

Architect + design entrepreneur

EMAIL

ceschoonover@gmail.com

PARTICIPATION

Speaking, performing

### KNOWLEDGEABLE ABOUT

Neuroscience  
Relationship between art and science  
New approaches to science communication  
Neuwrite.org

### MY WORK

*Portraits of the Mind: Visualizing the Brain from Antiquity to the 21st Century*  
<http://carlschoonover.com>

### TALKS & PERFORMANCES

<http://bit.ly/fsl36B>  
<http://bit.ly/w9TKBw>  
<http://bit.ly/HDnrjm>

### REVIEWS

<http://nyti.ms/eBuQMG>  
<http://bit.ly/IP4caz>  
<http://on.wsj.com/HJ7U6R>

### BIOGRAPHY

I am a neuroscience PhD candidate at Columbia University, and the author of *Portraits of the Mind: Visualizing the Brain from Antiquity to the 21st Century*. I have written for *The New York Times*, *Le Figaro*, *The Huffington Post*, *Science Magazine*, *Scientific American*, *Design Observer*, *LiveScience*, *Boing Boing* and *Commentaire*. I cofounded *NeuWrite*, a collaborative working group for scientists, writers and those in between. I host a radio show on *WKCR 89.9FM* that focuses on opera, classical music and their relationship to the brain. Currently I live in New York and work on microanatomy and electrophysiology of rodent somatosensory cortex in the Bruno laboratory at Columbia University Medical Center.



PRIMARY LOCATION

SECONDARY LOCATION

USA

## Camille Seaman

Polar photographer

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EMAIL

camseam@aol.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Icebergs  
Arctic and Antarctic experiences  
Storm chasing  
Living in uncertainty  
Photography

### MY WORK

<http://bit.ly/lhBSMz>  
<http://camilleseaman.com>

### TALKS & PERFORMANCES

<http://bit.ly/lufprL>  
<http://bit.ly/qlGyBt>  
<http://bit.ly/HDIRVX>

### REVIEWS

### BIOGRAPHY

I take photographs all over the world using digital and film cameras in multiple formats. Since 2003, my work has concentrated on the fragile environment of the polar regions. A recent project concerns the beauty of natural environments in Siberia.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Chelsea Shields Strayer

Cultural anthropologist

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EMAIL

csstrayer@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Placebos and nocebos: the evolution and mechanisms of placebo and nocebo responses, how they are triggered by social, cultural and ritual interactions, and how they impact our daily lives.  
Evolutionary medicine: why current biomedical practice is ignoring some of the most logical, simple, cost effective, less invasive and rapid healing processes, and how that can change.

### MY WORK

<http://bu.edu/today/2008/body-beat/>

### TALKS & PERFORMANCES

<http://bu.edu/today/2008/body-beat/>

### REVIEWS

### BIOGRAPHY

I am a biological and cultural anthropologist researching the placebogenic triggers in Asante indigenous ritual healing ceremonies in West Africa. I try to de-exoticize indigenous medicine and show through evolutionary medicine and evolutionary psychology how our bodies have developed both positive (placebo) and negative (nocebo) endogenous mechanisms triggered by social interactions, cultural meaning and the ritual healing process.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Rose Shuman

### Entrepreneur

EMAIL

roseshuman@gmail.com

PARTICIPATION

Speaking

#### KNOWLEDGEABLE ABOUT

Social entrepreneurship

Technology in international development – mobile, SMS, internet, radio, etc.

Question Box ([www.questionbox.org](http://www.questionbox.org)) – a method for connecting the Earth's 1 billion illiterate people with the internet.

How to help responsibly in developing world, as an individual or company.

CSR best practice workshops – international giving.

#### MY WORK

<http://questionbox.org><http://brightfrontgroup.com>

#### TALKS & PERFORMANCES

<http://bit.ly/HP0gsM><http://bit.ly/s9eYk><http://bit.ly/lrrqaV>

#### REVIEWS

<http://bit.ly/HBLSpu><http://bit.ly/qooEt4><http://nyti.ms/lrs73K><http://bit.ly/fw1CS6><http://bit.ly/HEFXiz>

#### BIOGRAPHY

I am an expert in helping business and organizations make sense of developing world markets and the use of new communications technologies. I've founded a project, Question Box, which connects illiterate users with the power of the internet. I am a senior fellow at the USC Marshall School of Business, and my work is published online at the Harvard Business Review and the UK Guardian. I often present talks and workshops on: social enterprise best practice; how new communications technologies are revolutionizing the developing world; how companies and organizations can do business and philanthropy responsibly in emerging markets and the developing world; Question Box – how a simple metal box with a button can bring information to the world's poorest people.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Sandeep Sood

### Animator + entrepreneur

EMAIL

sandeep@monsoonco.com

PARTICIPATION

Speaking, performing

#### KNOWLEDGEABLE ABOUT

Outsourcing

Software development/mobile development

Web comics and viral videos

Historical comedy

#### MY WORK

<http://sandeepsood.com>

#### TALKS & PERFORMANCES

<http://bit.ly/ufoMoX><http://monsoonco.com/sxsw>

#### REVIEWS

<http://monsoonco.com><http://postnupshow.com><http://ackcomic.com><http://sandeepsood.com>

#### BIOGRAPHY

I am founder and executive director of Monsoon Company, a software development firm that serves such clients as HP, Microsoft, Cisco and Wells Fargo. I also write/produce comedic animations and shorts.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Nina Tandon

Tissue engineering researcher

EMAIL

ninatandon@gmail.com

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Tissue engineering  
Yoga, teaching yoga, yoga and health  
Electricity and the body  
Stem cells/regenerative medicine  
The heart (EKG, heart development, etc.)

### MY WORK

<http://ninatandon.com>

### TALKS & PERFORMANCES

### REVIEWS

### BIOGRAPHY

I am a tissue engineer, using electrical signals to grow cardiac tissue in the lab. I am also a certified yoga instructor, and am happy to talk about either or both.

PRIMARY LOCATION

SECONDARY LOCATION

USA

## Skylar Tibbits

Architect + computer scientist

EMAIL

[sjet@sjet.us](mailto:sjet@sjet.us)

PARTICIPATION

Speaking

### KNOWLEDGEABLE ABOUT

Computation through design, fabrication and construction.  
Architecture and computer programming  
Self-assembly, replication, repair, regeneration at macro-to-nano scales.  
Automated assembly & construction  
Programmable matter

### MY WORK

<http://bit.ly/HEqg9>  
<http://sjet.us>  
<http://scriptedbypurpose.net>

### TALKS & PERFORMANCES

### REVIEWS

<http://bit.ly/HQUm6n>  
<http://bit.ly/HP1JQ0>  
<http://bit.ly/lu52yJ>

### BIOGRAPHY

The goal of my research is to design and deploy systems of self-assembly for the construction of our built environment (focusing on large numbers of parts or large scale-lengths). These systems offer a new paradigm of “computing through construction” – demonstrating self-assembly and reconfiguration through passive mechanisms. I build prototypic structures that explore systems from 12-foot-long robotic folding chains, 20-foot human-powered folding chains, NAND gate digital logic building bricks, 75-foot encoded tent pole strand structures and pop-up structures. Each system explores self-assembly through encoded folding sequences, much like our ribosomes’ decoding of RNA into fold sequences of complex proteins. This work imagines a world of encoded material parts that contain assembly instructions, actively aiding the user in quickly and accurately constructing complex structures.

PRIMARY LOCATION

SECONDARY LOCATION

USA

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## Hugo Van Vuuren

Social entrepreneur

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EMAIL

hugo@post.harvard.edu

PARTICIPATION

KNOWLEDGEABLE ABOUT

MY WORK

TALKS & PERFORMANCES

REVIEWS

BIOGRAPHY

I'm a fellow at the Harvard School of Engineering and Applied Sciences and at The Laboratory at Harvard. I'm co-founder of Lebone – a social enterprise working on off-grid technologies in Africa.

PRIMARY LOCATION

SECONDARY LOCATION

USA

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## Lucianne Walkowicz

Stellar astronomer

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EMAIL

l.m.walkowicz@gmail.com

PARTICIPATION

Speaking

KNOWLEDGEABLE ABOUT

Astronomy  
Planetary habitability  
Big data/open data  
How art and science relate.

MY WORK

<http://astro.princeton.edu/~lucianne>

TALKS & PERFORMANCES

REVIEWS

<http://bit.ly/HARax6>  
<http://bit.ly/vu7hQW>

BIOGRAPHY

I'm an astronomer working with data from NASA's Kepler mission, which looks for planets around other stars. I am also an artist (painting, comics, and other media) and am interested in the intersection of science and art.

PRIMARY LOCATION

USA

SECONDARY LOCATION

China

## Abigail Washburn

Singer + banjo player + cultural activist

EMAIL

abbyinchina@yahoo.com

PARTICIPATION

KNOWLEDGEABLE ABOUT

MY WORK

<http://abigailwashburn.com>

<http://afterquakemusic.com>

TALKS & PERFORMANCES

REVIEWS

BIOGRAPHY

I am a singing, songwriting, Chinese-speaking, Illinois-born, Nashville-based clawhammer banjo player connecting cultures through music.

PRIMARY LOCATION

USA

SECONDARY LOCATION

Egypt | UK | Qatar

## Lucas Welch

Cultural exchange evangelist

EMAIL

lucas@soliya.net

PARTICIPATION

Speaking

KNOWLEDGEABLE ABOUT

International education

Relations between the West and the Muslim world.

New media

Arab Spring

MY WORK

<http://soliya.org>

<http://bit.ly/IZV8Pz>

TALKS & PERFORMANCES

REVIEWS

<http://bit.ly/HLZ0Ye>

BIOGRAPHY

I founded Soliya – an organization that empowers young people to promote greater cross-cultural respect and cooperation between Western and predominantly Muslim societies by leveraging the power of new technologies to improve how our societies relate to one another. The primary way we do that is through programming and advocacy for Exchange 2.0 – an “upgrade” to the Exchange Field, which capitalizes on the advancements in communication technologies to enable every student to have a profound cross-cultural experience as part of their education.

PRIMARY LOCATION

SECONDARY LOCATION

USA

# Christopher Wobken

Interaction designer

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EMAIL

wobken@gmail.com

PARTICIPATION

Speaking

## KNOWLEDGEABLE ABOUT

Narrative design – video prototyping

Infrastructure hacking

DIY biotech

The future of money

Animal superpowers

## MY WORK

<http://chriswobken.com>

## TALKS & PERFORMANCES

<http://vimeo.com/16522162>

## REVIEWS

## BIOGRAPHY

I am a designer investigating the aesthetic and social potentials of technology. I create narratives, visualizations and objects with which to consider future possibilities.