

## SETI 2019 PROGRAM CONTRIBUTORS



### **Gloria Afful-Mensah**

Gloria holds a PhD degree in economics from the University of Milan; Master of Philosophy degree in economics; and Bachelor of Arts degree in economics with geography and resource development, both from the University of Ghana. Gloria is currently a Research Associate with the Agenda for International Development and an “Adjunct Lecturer” at the Ghana Institute of Management and Public Administration. Gloria has a strong interest in empirical microeconomics, particularly issues concerning and/or related to health outcomes. She is also passionate about issues related to economic development and policy evaluation.

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### **Shalu Agrawal**

Shalu Agrawal is a policy researcher, working as Programme Lead at the Council on Energy, Environment and Water, an independent not-for-profit policy think-tank based in New Delhi. Her research interests revolve around energy access, rural electrification and clean energy transition. She has also worked on policy issues in areas of renewable energy deployment and fossil fuel subsidies reform. She has been associated with the Initiative on Sustainable Energy Policy (Johns Hopkins SAIS) and Smart Power India. She is a policy specialist and an electrical engineer by training, educated at the University College London and Indian Institute of Technology Roorkee.

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### **Rex Alirigia**

I am second year Environmental studies graduate student at the university of Colorado, Boulder. My research interest is studying the effects of biomass fuels and clean cookstoves technologies in energy poverty regions.

My recent work is a collaborative research with the university of Colorado, Navrongo health research center to investigate the Prices, Peers & Perception (P3) for improved biomass cookstoves in Northern Ghana. While doing My thesis on the effects of fuelwood collection on children school attendance in Northern Ghana, where I am using both qualitative (FGDs) and quantitative data (socio-economic demographics, cooking behavior, fuel collection patterns, school attendance records and GPS data to map out fuelwood collection trips.

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### **Claudia Domenica Aravena**

Claudia Aravena is an Assistant Professor in the Department of Economics and the Centre for Energy Economics Research and Policy (CEERP) at Heriot Watt University, United Kingdom (UK). Claudia's research focus on energy, environmental and behavioural economics. Her main expertise and research interests are in the fields of environmental valuation, energy efficiency, electric vehicles, smart grids, consumer behaviour, renewable energy sources, energy and environmental policy, and economic and sustainable development. She is currently working in projects in both developed and developing countries. Her work has been published in a number of journals including Energy Economics, Land Economics, Energy Policy and IEEE Power and Energy.



### **Manuel Barron**

Manuel Barron is an assistant professor of economics at Universidad del Pacifico in Lima. He earned his PhD at UC Berkeley. He also holds a BA in Economics (PUCP) and an MSc in Development Economics (Oxford). His main research topics relate to human capital, energy and environmental economics in developing countries, enriched with insights from psychology and economics.



### **Marco Billi**

Marco Billi is MoS in Economics, M.D. in Systems Analysis Applied to Society and PhD(c) in Political Processes and Institutions. His research revolves around the relationship between sustainability and governance, particularly in the fields of energy, cities, and climate change, combining structural-systemic, historical-genealogical and normative-democratic perspectives. He's published several papers and gave lectures and classes on these subjects. He's currently a researcher at the Center for Climate and Resilience Research (CR<sup>2</sup>), the Energy Poverty Network (RedPE) and the Nucleus for Transdisciplinary Systemic Studies (NEST), as well as Research Fellow of the Earth System Governance Project.



### **Victor Caquilpan**

Victor is a Natural Resources Engineer from the University of Chile with a Diploma of Big Data to Public Policies of the Adolfo Ibañez University. Since 2017 has worked in the Superintendence of Environment, in the Information Management Department. His labour is boosting the IoT area inside the institution, deploying monitoring devices to different environmental applications, with the goal to support inspection tasks.

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**Ellison Carter**

I want to understand what factors and behaviors influence people's exposure to environmental pollutants, especially in the home, and develop interventions to address them. Because of this interest, I design field studies to investigate spatial and temporal patterning in indoor and outdoor air quality and environmental exposures. I try to understand the relationships these patterns may have with events and behaviors related to household energy, environmental health, and housing. I hope to discover pathways that reduce environmental exposure and health disparities.



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**Carlos Chávez**

Carlos Chávez is Profesor Titular in the Facultad de Economía y Negocios at Universidad de Talca, Chile. He is a senior research fellow at the Environment for Development (EfD) Initiative and an associated researcher at the Interdisciplinary Center for Aquaculture Research. His research and teaching is focused on environmental economics and marine resource economics. He has written on the design and evaluation of environmental policies with a focus on the problem of controlling urban air pollution caused by households burning wood for heating and cooking, and also on enforcing environmental and natural resource policies in the developed and developing world.



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**Javier Cuervo**

I am from Colombia, my bachelor's degree is in Electrical Engineering from the University of Los Andes in Bogotá, Colombia. A couple of years after college I veered towards development economics pursuing a master's degree in Economics at the same university and then a master's degree on Resource Economics from the University of Maryland in College Park. I have been at the Inter-American Development Bank for 19 years working in several areas including energy natural resource management and climate change. Prior to the IDB, I worked for the Government of Colombia at the National Planning Department and for a government-owned utility (the Empresa de Energía de Bogotá).

At the IDB, I have led projects related to energy reform, transmission and distribution, solar utility scale, rural electrification, hydro generation and

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modernization of utilities. Some of my current responsibilities are the coordination of IDB's agenda supporting access to energy services under the SE4ALL framework and the supervision of energy projects in Suriname that include rural electrification and the upgrade of grid infrastructure. I have also worked in Guatemala (rural electrification), Mexico (energy reform), Colombia (hydropower and climate change), El Salvador (energy reforms and solar utility scale), Honduras (reform of the utility and regulatory framework) among others. I have led or co-led projects brought to the IDB board for more than 1.5 billion dollars in the last ten years.

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#### **Danny Daniels**

Danny Daniels is the CEO and Co-Founder of Figgo, Inc., a startup improving the efficiency of last-mile LPG distribution. Figgo's long term goal is to be part of the solution to how the developing world transitions from traditional fuel sources, like biofuels, to more environmentally friendly gas like LPG. Danny lives in Puebla, Mexico, where Figgo is headquartered, with his wife, Alma, and their four children.

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#### **Katherine Dickinson**

Dr. Katie Dickinson is an Assistant Professor of Environmental and Occupational Health in the Colorado School of Public Health, and a JPB Environmental Health Fellow. Her interdisciplinary research has examined the impacts of policies and interventions on environmental, health, and social outcomes. Past and current projects have addressed problems at the nexus of environmental quality, economic development, and human health, including water and sanitation, household energy and air pollution, and mosquito-borne diseases. More recently, Dr. Dickinson has begun to investigate environmental justice issues in Colorado.

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#### **Alemu Mekonnen Getnet**

Alemu Mekonnen is an associate professor at the Department of Economics of Addis Ababa University. His research areas include energy and forestry, adaptation to climate change and valuation of natural resources and the environment in developing countries in general and Ethiopia in particular. He has published over 30 articles and book chapters.

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#### **Carolina Gómez**

Carolina Gómez is a Civil Engineer of Industry with Diploma in Environmental Engineering from the Pontificia Universidad Católica de Chile and MSc in Environmental Technology from Imperial College London. She has worked for 14 years in Chilean's energy sector, first in the United Nations Development Programme in the Project UNDP-CNE-

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GTZ "Sustainable Energy Policy for Chile", second in the Environment and Renewable Energies Area at the National Energy Commission (CNE), and now in the Environment and Climate Change Division at the Ministry of Energy. Her expertise is mainly in environmental aspects of energy sector, such as environmental impact assessment of energy projects, development of environmental standards, such as, "the primary quality standard for particulate matter PM 2.5", "the emission standard for the thermoelectric power"; design of atmospheric decontamination plans; internal ministry coordination of the energy transition of phasing out and/or technology reconversion of coal power generation.



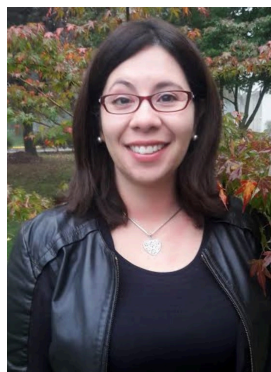
### **Carlos Francisco Gould**

Carlos is a third-year doctoral candidate at the Columbia University Mailman School of Public Health in the Department of Environmental Health Science. His work focuses on enablers and barriers to household transitions from traditional biomass-based cooking to clean fuels. His present work in Ecuador utilizes a long-standing nationwide LPG subsidy and a more recent induction promotion program to examine the impacts of long-term access to low-cost LPG on cooking patterns and air pollution exposure, as well as the viability of induction stoves in a middle-income country.



### **Ridhima Gupta**

Ridhima is an Assistant Professor in the department of Economic Sciences at IISER Bhopal, India. Her specialization is environmental Economics and agricultural economics. Her current work involves predicting emissions from the livestock sector in India and linkages between electrification and modern fuel use and estimating impacts of climate change on food consumption. She received a PhD. in Economics from Indian Statistical Institute, Delhi.



### **Marcela Jaime**

Marcela Jaime is an associated professor in the School of Management and Business at the University of Concepcion. She obtained her Ph.D. in Economics from the University of Gothenburg, Sweden. Her research is focused on behavioral aspects of natural resource management, particularly, on water and energy conservation. She has also conducted empirical studies on urban air pollution due to burning of wood, and on the behavior of small producers in the agriculture and aquaculture sectors. She is also interested on energy transitions, the effects of the interaction between policy instruments, and individuals' responses to both monetary and non-monetary incentives. She participates in the Sustainable Energy Transitions Initiative (SETI) since 2015.

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### **Marc Jeuland**

Marc Jeuland is Associate Professor of Public Policy and Global Health at Duke University. His research interests include nonmarket valuation, water and sanitation, environmental health, energy poverty and transitions, trans-boundary water resource planning and management, and the impacts and economics of climate change. He is faculty director of the Energy Access Project at Duke, and co-founder of the Sustainable Energy Transitions Initiative (SETI), along with other scholars from the US, Chile, China and Ethiopia. His energy portfolio includes work related to evaluation of cleaner cooking interventions, measuring energy access and reliability, and reviews of the drivers and impacts literature related to energy.



### **Abhishek Kar**

Abhishek Kar is a Ph.D. candidate at UBC. Over the last ten years, his multi-disciplinary research experience (and published work) spans aerosols, human behavior, and policy analysis related to household air pollution in specific and energy access in general. His doctoral dissertation entails application of classical behavior change theories in conjunction with large consumer behavior datasets to better understand clean cooking energy transitions. Abhishek has co-authored ten peer-reviewed articles and has written opinion pieces in widely circulated news portals. His articles have been shared widely on social media, including by the Prime Minister of India, and quoted by journalists.



### **Shikha Lakhanpal**

Shikha Lakhanpal is a Postdoctoral scholar (Faculty track) at the Climate Change Mitigation and Development Programme at ATREE (Ashoka Trust for Research in Ecology and Environment), Bangalore. Her research interests are at the intersection of environment and development with a focus on issues of equity and justice in the renewable energy sector.



### **Pierre Leonard Le Roux**

Leonard is currently working at the Environmental Policy Research Unit (EPRU) at the University of Cape Town, South Africa. He has broad academic interests, including environmental, labor, agricultural and development economics.

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**Samwel Saimon Lwiza**

Mr Samwel S. Lwiza is an assistant lecturer at the Department of Economics and Geography, University of Dar es Salaam (DUCE campus) and a junior research fellow at Environment for Development (EfD) Tanzania. His research interest includes Natural resources and Environmental Economics, Economics of Education and Development Economics.

**Meera Mahadevan**

Meera Mahadevan holds a PhD in Economics from the University of Michigan. Her research focuses on energy and environmental economics in developing countries. He examines topics such as the political economy of electricity provision and the welfare consequences of corruption, electricity restructuring policies and their unintended consequences, and off-grid solutions for electricity provision in remote areas. She will be a post-doctoral fellow at emLab, at the University of California, Santa Barbara from 2019-2020. Following this, she will join the Department of Economics at University of California, Irvine first as the Chancellor's Post-doctoral Fellow, and then as an Assistant Professor.

**Shaun McRae**

Shaun McRae specializes in the industrial organization and regulation of energy markets. His research has focused on the household response to nonlinear electricity prices and its implications for electric utilities, particularly in developing countries. He has also analyzed the behavior of generation firms in wholesale electricity markets. Related to oil and gasoline markets, Shaun has studied the effects of pipeline infrastructure projects as well as the gasoline consumption and purchasing behavior of drivers. Shaun has a Ph.D. in economics from Stanford University and honors degrees in economics and mathematics from the University of Otago and University of Auckland.

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### **Robyn Meeks**

Robyn Meeks is an Assistant Professor at the Sanford School of Public Policy at Duke University and a faculty affiliate of the Duke University Energy Initiative and the Duke Center for International Development. Her research is at the intersection of environmental and development economics with much of her work focusing on understanding individual and household responses to the introduction of various water and energy technologies, policies, and types of infrastructure in developing countries. Professor Meeks's research spans a number of countries, including Kyrgyzstan, Nepal, Kenya, Kazakhstan, India, and Peru. Her research addresses topics such as energy efficient technologies and household electricity consumption, grid versus off-grid electrification, and alternative cooking fuels. Professor Meeks has a Ph.D. from Harvard University, a master's degree from Yale University, and a bachelor's degree from Brown University.



### **Rogério Miranda**

Rogério C de Miranda, Forest Engineer, Msc, Brazilian, with over 25 years of experience with biomass cookstoves and woodenergy. Founder of PROLEÑA a NGO dedicated to woodenergy modernization in Brazil, Honduras and Nicaragua. Pioneered the development of the ecostoves in Latin America, since 1994. Lived and worked in Brazil, Bolivia, Nicaragua, Honduras and United States, with working experience in Latin America and Africa. Currently, an entrepreneur owner of Ecofogão, a woodstove manufacturer in Brazil, since 2003, and International consultant on woodstoves (worked for The World Bank, IDB and Winrock International).



### **Emily Lambright Pakhtigian**

Emily Pakhtigian is a PhD Candidate at the Sanford School of Public Policy. Her research lies at the intersection of environmental and development economics and uses tools from applied microeconomics and econometrics to examine how households respond to various types of environmental risk. She is currently applying these tools to study sanitation and social networks in rural India, air pollution exposure in Indonesia, water resources in Nepal, and energy access in Latin America.

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**Subhrendu Pattanayak**

Subhrendu K. Pattanayak is a Professor at the Sanford School of Public Policy, the Nicholas School of the Environment and the Duke Global Health Institute at Duke University. He studies the causes and consequences of human behaviors related to the natural environment to help design and evaluate policy interventions in low income tropical countries. His research is in three domains at the intersection of environment, development, health and energy: (a) forest ecosystem services, (b) environmental health (diarrhea, malaria, respiratory infections), and (c) household energy transitions. In all domains, he has focused on design of institutions and policies that are motivated by enormous inequities and a range of efficiency concerns (externalities, public goods and imperfect information and competition).

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**Krishnapriya Parameswaran Perumbillissery**

Krishnapriya is a Research Scientist at the Sanford School of Public Policy, Duke University. She graduated with a PhD in economics from the Delhi School of Economics in 2017. Prior to this, she was a visiting assistant professor at the Economics and Planning Unit, Indian Statistical Institute (ISI), Delhi. Her doctoral research primarily studies the impact of information on households' choice of domestic energy. In particular, it focuses on the efficacy of information campaigns by the gender of their recipients. Her research interests are in energy, environment, development, and experimental economics.

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**Jonathan Phillips**

Jonathan Phillips joined Duke's Nicholas Institute for Environmental Policy Solutions in October 2017 as director of the Duke University Energy Access Project. Phillips was the senior advisor to the president and CEO of the Overseas Private Investment Corporation during the Obama Administration. From 2007-2014, he held a variety of roles in the U.S. Congress, most recently serving as the senior policy advisor to Senator Ed Markey of Massachusetts. He led the development of many notable legislative efforts, including serving as one of the lead authors of the Waxman-Markey cap-and-trade bill that passed the House in 2009. He also served on the House Select Committee on Energy Independence and Global Warming as well as the House Natural Resources Committee. Phillips was a business and economic development volunteer with the Peace Corps in Mongolia. He received a bachelor's degree from the Milwaukee School of Engineering and a master's degree in public policy from the Harvard Kennedy School.

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### **René Reyes**

René Reyes is a forest engineer with a Ph.D. in forest economy at the University of British Columbia, who works at Instituto Forestal de Chile. Dr. Reyes's main research areas are energy transition and forest economy (socioeconomic drivers of forest degradation). He is one of the co-founders of the National Firewood Certification System, which started to work in 2004 to promote a higher production and trade standard for firewood consumed in urban areas of Chile. See [www.observatoriobiomasa.cl](http://www.observatoriobiomasa.cl)



### **Cristobal Ruiz-Tagle**

Cristobal Ruiz-Tagle conducts empirical analysis on the effects of local air pollution on human health and the economy to inform policymakers for setting air quality standards that protect the environment, people's health and advance economic activity. As air pollution is a growing problem in developing and emerging economies, policy efforts to reduce air pollution should be backed by evidence-based analysis. Ruiz-Tagle's research provides important tools to value key health benefits from reducing air pollution, which are of crucial interest for conducting cost-benefit analysis of policies that reduce air pollution concentrations in countries experiencing these problems.



### **Alejandra Schueftan**

Alejandra Schueftan is an Architect from Pontificia Universidad Católica de Chile, MSc and PhD in Forestry Sciences from Universidad Austral de Chile. Her work has focused on the management and development of projects, both public and private, in the field of energy efficiency and renewable energy. Her research approaches public policies to promote the implementation of energy efficiency strategies and the sustainable use of wood-derived fuels. She is currently Regional Director for Los Ríos Region of the Forestry Institute and is a visiting professor at the Master of Sustainable Architecture and Energy, at Pontificia Universidad Católica de Chile.



### **Prachi Singh**

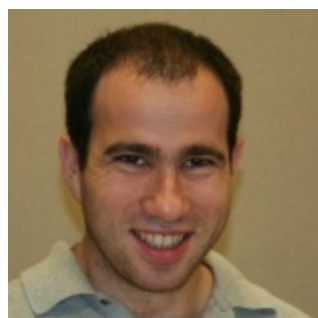
Prachi Singh specialises in health, environment and development studies. Her research covers India and Bangladesh. She has researched on effect of air pollution on child & adult health, market structure of pharmaceutical industry in India and has evaluated policies related to arsenic contamination in Bangladesh. She is an Associate Fellow at Brookings India where her focus is on health care take-up and evaluation of health policies in India. She is currently completing her PhD in Quantitative Economics from Indian Statistical Institute, Delhi.

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### **Anmol Soni**

Anmol Soni is a Doctoral Candidate in the Joint Program in Public Policy at Georgia State University and Georgia Institute of Technology. Her areas of interest are environmental and energy policy, and program evaluation. Her dissertation investigates the role of policy, incentives, and public perceptions in the adoption of sustainable technology and practices. Before joining the Ph.D. program, she worked at The Energy and Resources Institute, a sustainable development think tank in New Delhi, India.



### **Jevgenijs Steinbuks**

Jevgenijs Steinbuks is Economist at the World Bank Development Research Group, Environment and Energy Research Team. His areas of expertise are in energy and environmental economics, industrial organization, and real estate and urban economics with a particular focus on households' and firms' investment problems. His current research focuses on sustainable resource and land use, electric power, and energy demand and efficiency. Jevgenijs Steinbuks has extensive experience in academia, public sector and international institutions. Before joining the World Bank, he worked as a research economist at the Center for Global Trade Analysis, the Department of Agricultural Economics at Purdue University; the Electricity Policy Research Group, University of Cambridge; the Enterprise Analysis Unit at the World Bank, and Credit Research Center at Georgetown University.



### **Jazmin Suárez Pérez**

Jazmín Suárez Pérez is an Economist graduated from National University of Asuncion, currently working at GISE which is an Energy Systems Research Group from Polytechnic Faculty at National University of Asunción, before she completed an internship in the Energy Policy Laboratory at the same place. She's part of the group of consultant who are elaborate the National Electromobility Strategy in Paraguay. Her research interests are Public Policy, Electromobility and Energy Strategy.



### **Marta Talevi**

Marta Talevi is a Ph.D. student in Environmental Economics at the Department of Geography and Environment, London School of Economics, and a visiting researcher at Yale School of Forestry for the academic year 2018-2019. Her research focuses on how households' and individuals' respond to incentives to switch to low-carbon energy. She is currently working on two main projects: cleaner cooking and electricity access in refugee settlements in Sub-Saharan Africa; and the uptake of residential solar PV in the UK in response to the country's feed-in-tariff system.

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### Carlos Villalobos Barria

Carlos Villalobos Barría is an Assistant Professor at the Facultad de Economía y Negocios at the University of Talca. He is affiliated at the Ibero-America Institute for Economic Research at the Georg-August Universität Göttingen in Germany. Prof. Villalobos has experience as senior consultant for the World Bank, The European Commission, The Inter-American Development Bank, USAID (United States), DFID (United Kingdom), UNDP, UNICEF and many governments. His research focuses on income inequality, inequality of opportunities, analysis of household surveys and the dynamics of the identification of the poor in Chile over the past three decades.

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### SETI Conference Organizers 2019



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Faculty Director of Energy  
Access Project



**Subrhendu Pattanayak**  
SETI Faculty Director

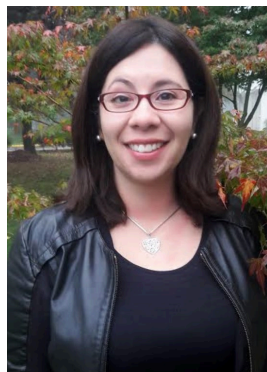


**Jonathan Phillips**  
Director of Energy Access  
Projects





**Carlos Chavez**  
Senior Research Fellow  
Environment for  
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