

**2011-2012 Harvard Water Security Initiative-Environmental Law Program
Water Federalism - Research Fellows Biographies**

Australia:

Emma Chastain is a current senior at Harvard University studying Environmental Science and Public Policy with a secondary in Organismic and Evolutionary Biology. Interested in the intersection of science and society, Emma hopes to pursue an interdisciplinary approach to solving environmental issues. During her time at Harvard, Emma has worked on a range of issues including urban planning and community based resource management as well as researching agriculture and technology.

Sarah Farrell is a junior at Harvard College studying Chemistry with a secondary in Economics. Heretofore, her water related research has been related to how IT companies might be able to apply their technology to more efficiently manage water resources in cities. In her free time she loves dancing, running, watching documentaries, and catching up with friends.

Tom Gole is a PhD candidate in the Harvard Economics Department. He grew up in Australia and came to Harvard to study economic policy and management of natural resources, particularly those that cross jurisdictional boundaries. His other research interests include international macroeconomics, political economy and environmental economics more generally. Tom Gole

Jasdeep Randhawa is currently a first year Masters in Public Policy Candidate at the Harvard Kennedy School of Government. She has graduate degrees in law from Yale Law School (LLM) and University of Oxford (BCL). Jasdeep has previously worked as a Law Clerk in the Supreme Court of India and as a Research Assistant for the Government of India. Her research interest lies in public-private partnerships in environmental regulation, water security from the perspective of centre-state relations (federalism) and impact of litigation on environmental development projects.

Amy Sennett is a fourth year JD/MBA candidate at Harvard University where she studies in international law and international development. After graduating from Princeton's Woodrow Wilson School in 2006, Amy spent two years in the education and non-profit sectors in the People's Republic of China. At HLS, she is president of the Women's Law Association and managing editor of the Harvard International Law Journal. Amy spent the split this past summer between Sullivan & Cromwell LLP in NYC and the Public International Law and Policy Group in DC. She has also worked for the UN's International Law Commission and the Boston Consulting Group.

Chengyan Zhang received her B.Sc. in Civil and Environmental Engineering at University of Massachusetts Amherst. As an undergraduate student, she has worked on UV/Hydrogen peroxide advanced treatment for degradation of Endocrine Disrupting Chemicals (EDC) in drinking water and has published one paper on activated wastewater sludge digestion. In 2010, Chengyan spent a year at Harvard School of Public Health as a presidential scholar. Now she is a PhD student at Harvard School of Engineering and Applied Science. Her research interest focuses on risk analysis and management in urban water supply. Recently, Chengyan is developing a portfolio management framework for water supply in Melbourne, Australia.

Brazil

Zamyla Chan is a sophomore at Harvard College, studying Environmental Engineering and Computer Science. Hailing from the west coast of Canada, she is passionate about water issues and is looking forward to pursuing an interdisciplinary approach towards matters of international water security.

Kai Graylee is currently a student at the Harvard Kennedy School, studying for a Master in Public Administration in International Development. Her background is in engineering and public policy, most recently working with the New Zealand Treasury on energy and climate change policy. She has a keen interest in natural resource management and its links to human and economic development.

Daniela Martinez is student at Harvard Law School pursuing an LLM. Before coming to Harvard she studied law at Universidad de Chile Law School, focusing on public law, energy law, and policy regulation and also worked as a research assistant at the Center for Regulation and Competition. Prior to this she served as a legal advisor to Chile's Minister of Energy where she participated in the design and implementation of energy-related policies.

Arani Kajenthira is a postdoctoral research fellow in the Science, Technology, and Public Policy Program at the Harvard Kennedy School's Belfer Center for Science and International Affairs. A biological and environmental engineer by training, she is fascinated by all things "water", but particularly interested in the role of public policy in the effective management and distribution of water resources in developing nations. Away from the office, Arani's greatest pleasures come from traveling to exotic locales, vinyasa yoga, and creating (and consuming!) elaborate meals with friends and family.

Hannah Lee is a current graduate student in the Environmental Science and Engineering area of Harvard's School of Engineering and Applied Sciences. Hannah is interested in the access to and reliability of basic needs infrastructure including water, sewerage, and electricity in urban areas. In her PhD studies, she hopes to focus on water allocation in the São Francisco River Basin in Brazil. She is from Cupertino, CA, previously worked at the Department of Energy and White House Office of Energy and Climate Change, and holds a BS in Environmental Engineering from Columbia University, where she was involved with Engineers without Borders, the Earth Institute's research on carbon sequestration, campus sustainability, and Consilience: The Journal for Sustainable Development.

Andrei Roman is a Ph.D. candidate in Government at Harvard University. His research interests are related to Latin American and Eastern European politics, in particular the study of regime transitions, party systems, electoral politics, and social policy. Andrei has conducted field research in China, Brazil, India, and Peru. In 2010, he worked as a political strategy consultant for one of Brazil's presidential candidates.

Colorado

Prior to joining the LL.M. program at Harvard Law School, Katja Bratschovsky worked as a research and teaching assistant at the Public Law Institute of the University of Vienna, and subsequently as a government lawyer and policy advisor at the Austrian Federal Ministry for Agriculture, Forestry, Environment and Water Management, the Federal Chancellery, and the European Commission in Brussels. Environmental, energy and water issues have always been her central research areas and the focus of her professional career. Katja earned her law degree from the University of Vienna and the University of Utrecht (Erasmus) in 2002 and an MC/MPA from Harvard Kennedy School in 2011. She came to the United States as a Fulbright fellow and was granted a Harvard Presidential Public Service Fellowship. In her spare time, Katja enjoys dancing, cooking, backpacking, and mountaineering.

Jaime Latcham was born and raised in Denver, Colorado. Jaime graduated from the College of William and Mary, where she rowed on the crew team, in 2008 with a B.A. in History. Before law school, Jaime taught English in Ecuador, traveled around South America, worked briefly in a real estate brokerage before becoming a ski and snowboard instructor, and lived on a sailboat in the Bahamas. She is now a 3L at the law school, where she has focused on human rights, immigration, and natural resources law. Jaime is hoping to practice as a water rights attorney in Colorado.

Eliza Morris is a 6th year PhD candidate in Applied Physics at the Harvard School of Engineering and Applied Sciences. She is a native of Northern California, where she graduated *magna cum laude* in Physics from CSU Sacramento. She has research experience in many diverse areas of physics, including atomic spectroscopy, theoretical modeling, experimental particle physics and biomembrane physics. Her thesis work focuses on microrheological studies of the viscoelastic properties of biopolymer networks.

Vanessa Palmer is a master's student at the Harvard School of Public Health studying environmental epidemiology. Originally from North Dakota, she received her bachelor's degree in chemistry from the University of Washington, where her research focused on bioanalysis. She then joined Teach for America, working as a public school teacher in Baltimore and Houston. Vanessa's interests at Harvard include environmental justice and socioeconomic disparities in environmental exposures.

Jason Robison is an S.J.D. candidate at Harvard Law School, and a dissertation fellow at the Harvard Water Security Initiative, currently completing his dissertation on the elaborate body of laws governing allocation and management of the Colorado River and its tributaries: The "Law of the River." Focusing on environmental and natural resources law and policy at all stages of his education, he has earned a B.S. in Environmental Studies at the University of Utah, a J.D. at the University of Oregon School of Law, and an LL.M. (waived) at Harvard Law School. His professional experience in water law and policy spans the past decade and encompasses advisory, research, and teaching positions with the Oregon Supreme Court, Oregon Department of Justice, Colorado River Governance Initiative, and Environmental Science and Public Policy Program and Kennedy School of Government at Harvard.

Arturo Villanueva is a Junior at Harvard College studying Environmental Science & Public Policy. Arturo is from Texas and now resides in Lowell House. Arturo's academic interests include water scarcity and its interplay with forced migration. Arturo enjoys running, listening to classical music and volunteering in Boston teaching English to new Americans.

Mississippi

Jonathan Baker is a first year doctoral student at the Kennedy School. He is interested in investigating economic institutions for sustainable water use and the interrelationships between economic institutions, social institutions, technical systems, the hydrologic system, and climate change. Jonathan's academic background includes an undergraduate degree in physics and a masters in mechanical engineering, in which he studied fluid power. He recently completed a second masters in technology and policy, focusing on water resources within the context of large scale (CGE) economic models.

Laila Kasuri as a junior at Harvard college concentrating in Environmental Engineering. She hails from Lahore, Pakistan and is also doing a secondary in East Asian Studies, with a focus on Japanese studies. Laila is an Environmental Science and Engineering Representative and involved in promoting a community among the Environmental Science and Engineering students and planning events for undergraduate engineering students.

Sarah Katz grew up in Berkeley then went to Washington University in St. Louis where she majored in biochemistry and minored in math. After college she worked for a year at the Health Effects Institute, which funds, evaluates, and publishes air pollution research. In law school Sarah has been at various points been involved with Advocates, the National Security Journal, and the Environmental Law Review.

William Niebling is a second year student at Harvard Law School. A native Californian, William grew up hearing how the history of the American West is the history of water. Before coming to law school he spent four years working in the United States Senate on environmental and economic issues, including water policy. Now he is excited to learn more about the river that drains such a large part of the United States, the Mississippi.

Kim Smet is a first year PhD student in Environmental Engineering in the School of Engineering and Applied Sciences (SEAS) at Harvard University. She was born and grew up in Zimbabwe and previously lived in Vancouver, Canada, where she studied Environmental Science, specializing in hydrology at the University of British Columbia. Upon graduation, she worked as a contaminated sites consultant to the petroleum industry in British Columbia for two years. Kim hopes to become deeply involved in interdisciplinary water research during her time at Harvard.

Pakistan

Madison Condon is a joint degree student between Harvard Law School and the Fletcher School of Law and Diplomacy at Tufts University. She received a B.S. from Columbia University in Environmental Engineering and Economics in 2008. After graduating, she was a Fulbright Scholar to the Netherlands where she studied international water law and policy at UNESCO-

IHE. She has researched agricultural water management in Tanzania and Ethiopia, and is particularly interested in transboundary water law in developing countries.

Mubarik Imam is currently in the final year of my concurrent degree with the Stanford Graduate School of Business (MBA) and Harvard Kennedy School (MPA/ID). During graduate school she has had the opportunity to work at the IFC, Dropbox and Scale Venture Partners. Prior to graduate school Mubarik was an Acumen Fund Fellow and worked in affordable housing in Lahore, Pakistan. She also worked as a management consultant with Bain & Company in San Francisco. Trained as an Electrical Engineer at MIT, Mubarik is passionate about bringing together my passions in technology, development and business in analyzing water conflict.

Don Kriens is an engineer, and has worked in the environmental engineering field for many years, principally on water supply and wastewater projects, hazardous waste remediation, exposure and risk assessments, and industrial processes and chemistry. He has expertise in design of large and small wastewater treatment systems and on-site water and waste treatment systems, and has experience in regulatory programs. He holds a BS in Sciences, a MS in Civil and Environmental Engineering, a MS in Environmental Health, and is a registered professional engineer. Don is currently a doctoral student in the School of Public Health with a focus on exposure and risk science.

Anjali Lohani is a second-year Master's in Public Administration/International Development candidate at the Harvard Kennedy School and is deeply interested in sustainably managing water resources in a way that realizes its economic potential. Prior to HKS, she worked in Environmental Consulting performing site investigation, data interpretation, and contaminant fate and transport modeling to support litigation related to water remediation. She spent this past summer in Pakistan with the Harvard Pakistan Water team studying the 1991 Water Accord and learning about Pakistan's water management system through field trips and interviews with various stakeholders in the government, private sector, and individual water users. Anjali has an SB in Environmental Engineering from Harvard College.

Erum Sattar is a Barrister-at-Law from Lincoln's Inn. She has a University of London LL.B. (Hons.) as well as an LL.M. (Distinction) in Commercial and Corporate Law from Queen Mary, University of London. She is currently pursuing her doctorate (S.J.D.) at Harvard Law School and was an LL.M. student at Harvard last year. She has also completed the Membership exam of The Chartered Institute of Arbitrators, London, England. Erum hails from Karachi, Pakistan.