

Yale School of Forestry & Environmental Studies Summer 2011 Masters Students' Internships and Research

Masters students are required to undertake an internship or independent research project between the first and second years of their degree program. The information in this report includes that data and also the activities of joint degree students who are here for additional summers. Some students also undertake multiple activities in one summer; all of their experiences are reported.

Business and Industry

- Access: Wind, Researcher, KENYA
- BBMG, Strategy Engagement Team, Summer Strategy Associate, NY
- Carbon Credit Capital, LLC, Business and Development Intern, NY
- Corporate Eco Forum, Deputy Editor/Intern, NY
- DBL Investors, Summer Associate, CA
- Eileen Fisher, Social Consciousness/Sustainability Summer Intern, NY
- EnerNOC, Utility Solutions, Summer Associate, MA
- Environmental Banc & Exchange, Intern, MD
- Except Integrated Sustainability, Summer Trainee, THE NETHERLANDS
- Except Integrated Sustainability, Intern, CT
- Flagship Ventures, Summer Associate, MA
- Fortis 17 Corporation, Intern, CA
- General Electric (GE), Corporate Environmental Programs Division, Supplier Intern, CT
- Hara Energy & Environmental Software, Chief Green Officer & Client Services Team, Efficiency Researcher, CA
- Hinge, Intern, VA
- International Business Machines (IBM), Intellectual Property-Patent Law, Researcher of Patent Law/Science Innovation, NY
- International Business Machines (IBM), Intern, BELGIUM
- McDonald's Corporation, Sustainable Supply Chain, Intern, IL
- Meister Consultants Group, Energy Intern, MA
- J. P. Morgan, Investment Banking, Summer Associate, NY
- NRG Energy, Inc., Environmental Business, Environmental Business Intern, NJ
- RES- Americas, Development Intern, TX
- SOS Metals, Intern, CA
- Tetra Tech, Intern, VA
- Tri-Ocean Energy Carbon and Renewables, Intern, EGYPT

Education

- FGV Direito, Program of Law and Environment, Environmental Consultant, BRAZIL
- Inter-University Program Beijing, Student Researcher, CHINA
- Lake Tahoe Community College, Green Sustainable Education Program, Adjunct faculty/GSE program developer, CA
- Swedish University of Agricultural Sciences, Researcher, SWEDEN
- Yale - The Forests Dialogue, Program Assistant, CT
- Yale Urban Resources Initiative (URI), GreenSpace, Community Forester/Community GreenSpace Intern/Intern, CT
- Worcester Academy, Business Office, Intern, MA
- Yale Center for Environmental Law & Policy, EPI Project, Intern, CT
- Yale Entrepreneurial Institute, Co-Founder of UNICq, CT
- Yale School Forests, Apprentice Forester/Researcher, CT (3)

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Government and Public Sector

- California Air Resources, Office of Climate Change, Intern, CA
- Town of Cheshire, Water Pollution Control Department, Researcher, CT
- Clinton Health Access Initiative (CHAI)/Clinton Foundation, Zimbabwe Country team analyst/Intern, ZIMBABWE
- DOJ-ENRD and DOE, Natural Resources Section/General Counsel, Legal Intern, Washington, D.C.
- Elwha Research Consortium, Researcher, WA
- Federal Energy Regulatory Commission (FERC), Office of Energy Policy and Innovation (OEPI), Graduate Intern to the Chief Economist, Washington, D.C.
- City of New Haven- Office of Sustainability, Intern, CT
- NYC Department of Parks and Recreation, Sustainability Initiatives Team, Intern, NY
- Permanent Mission of Maldives to United Nations, Advisor/Intern, NY
- Permanent Mission of Republic of Korea to the United Nations, Social and economic affairs/environment division, Intern, NY
- U.S. Congress, Senate Foreign Relations Committee, Intern-global climate change functional area, Washington, D.C.
- United Nations Educational, Scientific, and Cultural Organization (UNESCO), Intergovernmental Oceanographic Commission (IOC), Intern, FRANCE
- U.S. Environmental Protection Agency (EPA), Office of Strategic Environmental Management, Sustainable Enterprises Intern, NY
- U.S. Environmental Protection Agency (EPA), Region 2/ Chief Financial Office, Intern, Washington, D.C.
- U.S. Environmental Protection Agency (EPA), Pollution Prevention Division, Environmental Protection Specialist, Washington, D.C.
- U.S. Fish and Wildlife Service, Kenai National Wildlife Refuge, Wilderness Fellow, AK
- USDA Forest Service (USFS), Rocky Mountain Research Station, Human Factors and Risk Management - Social Science Intern, MT
- USDA Forest Service (USFS), Fire Sciences Lab, Intern, MT
- USDA Forest Service (USFS), Deschutes NF, Sisters RD, Student Career Experience Program Pre-sale Intern, OR
- White House Council on Environmental Quality, Policy Outreach, Intern, Washington, D.C.
- White House Council on Environmental Quality, Land & Water Ecosystems, Intern, Washington, D.C.

NGO's and Other Non-Profits

- ACORE, Biomass Coordinating Council, Intern, Washington, D.C.
- Connecticut Fund for the Environment, Green Infrastructure Intern, CT
- Ecoinvent Centre, EMPA Division, Intern, SWITZERLAND
- Eli Africa, Intern, MAURITIUS
- Environmental Law & Policy Center, Law Intern, IL
- Equinox Center, Volunteer Intern/Researcher, CA
- Forest Trends, Policy Analyst, Washington, D.C.
- Gardens for Health International, Intern, RWANDA
- Global Greengrants Fund, Programs, Intern, CA
- Institute for Sustainable Solutions and Ecotrust, Intern, OR
- International Labour Organization, Regional Office for Asia and the Pacific, Intern, THAILAND
- International Red Cross, Climate Centre, Intern/Researcher, PANAMA

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- International Union for Conservation of Nature (IUCN), Fundraising and Development Intern, Washington, D.C.
- IPAM- Amazon Environmental Research Institute, Researcher, BRAZIL
- Kohala Center, Hawai'i Island Energy Sustainability, Researcher, HI
- Kohala Center, Researcher, HI
- Ladakh Ecological Development Group (LEDeG), Intern, INDIA
- Lama Foundation, Summer Steward, NM
- Land Trust Alliance, Community Conservation Intern, CT
- Mega-Cities Project, Research Intern, BRAZIL
- National Forest Foundation, Midewin National Tallgrass Prairie, Intern, IL
- Natural Resources Defense Council, Federal Transportation Policy, Policy Analyst Intern, Washington, D.C.
- Natural Resources Defense Council, Climate and Energy Policy/Beijing Office, Intern, CHINA
- Proyecto de Conservacion de Aguas y Tierras, Researcher, COLOMBIA
- Public Research Interest Group, Environment Connecticut, Summer Campaign Advocate, CT
- Quebec-Labrador Foundation, Researcher, ME
- Regional Plan Association, Stamford Office, Research Intern, CT
- RESOLVE, Intern, Washington, D.C.
- Rocky Mountain Institute, Boulder/Electricity Practice, Intern, CO
- Royal Society for the Protection of Nature, Intern, BHUTAN
- Selway-Bitterroot Frank Church Foundation, Intern, MT
- The Mountain Institute, Andean Program, Climate Change Adaptation and Watershed Management Research Assistant, PERU
- The Nature Conservancy, Colorado River Program, Intern, CO
- The Nature Conservancy, Lower Connecticut River Watershed Program, GIS spatial analyst, CT
- The United Nations (UN), CEPAL, Economic Growth in Chile and Environmental Sustainability, CHILE
- World Resources Institute, Climate and Energy Program, Intern, Washington, D.C.
- World Resources Institute, Markets & Enterprise Program, Intern, Washington, D.C.

Non U.S. Independent Research

- Political ecology of fire regimes in the Andean-Patagonian region, ARGENTINA and CHILE
- Drivers of land use change and impacts on water resources and biodiversity and community outreach with Paraná Pine Forest Project, San Pedro, Misiones, ARGENTINA
- Ecophysiological and anatomical traits of native tree species used in restoring the Atlantic Rainforest, Michelin Ecological Reserve, BRAZIL
- Traditional agriculture in protected areas, entitled: Caiçara Management of Fallows in the Estação Ecológica de Juréia-Itatins, São Paulo, BRAZIL
- Assessing relative performance of native species as it relates to canopy closure and surrounding light conditions of saplings, southern Bahia, Michelin Ecological Research Station, BRAZIL
- Current industrial symbiosis situation of the photovoltaic industry and future scenario predictions, CHINA
- Dai Holy Hills: sanctuaries of biodiversity in Xishuangbanna, Xishuangbanna Tropical Botanical Gardens, Chinese Academy of Sciences, Xishuangbanna, Yunnan, CHINA
- Understanding the role of specialized environmental courts in fostering governance, promoting public participation in environmental decision-making, and in advancing China towards a path of sustainable development, CHINA
- Examining the Payment for Ecosystem Services (PES) policy-making process, entitled: Walking under the shade: Social analysis of the national Payment for Environmental Services policy in agroforestry and coffee systems, COSTA RICA

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- Biomass equations for estimating aboveground biomass of an exotic teak timber species (*Tectona grandis*), GHANA
- Impact evaluation of microloans for green energy products, Energy in Common, GHANA
- Evaluating artificial glaciers as a water harvesting technique in Ladakh, Leh Nutrition Project, INDIA
- Relocation narratives, Madhya Pradesh, INDIA
- Changing coastlines: An historic approach to mangrove management in South Sulawesi, INDONESIA
- Developing silvicultural management regimes for reducing northern Israel's vulnerabilities to catastrophic wildfire and climate change, Karen Kayemeth LeIsrael, ISRAEL
- Botanical investigation of socioeconomic differences in Amman, JORDAN
- Investigating human-lion conflict, livestock predation, and retaliatory killings threatening lions (*Panthera leo*), Ewaso Lions, KENYA
- Case study analysis of the costs and benefits for smallholders participating in the Western Kenya Smallholder Agricultural Carbon Finance Project, ViAgroforestry, Kisumu, KENYA
- Sediment fingerprinting in the Mara River Basin: Uncovering relationships between wildebeest, tourism, and non-point source pollution, National Museums of Kenya, Masai Mara, KENYA
- Perceived fairness, Integrated Conservation and Development Investments, and lemur conservation, Andapa Region, MADAGASCAR
- Developing a web-based geographic system to identify urban consumers with net-metering potential at current energy and technology prices, ITESO, Guadalajara, MEXICO
- Environmental predictors of forest presence and species distribution, Hovsgol Province, northern MONGOLIA
- Translating conservation and development policy into practice: The Namibian Protected Landscape Conservation Areas Initiative, Windhoek & Otjiwarongo, NAMIBIA
- Disaster management policy in Nepal: A case study of the 2008 Koshi Flood, Kathmandu, NEPAL
- A valuation of a river downstream from a future mine site, Lima, PERU
- Population structure of the Amazonian fruit, camu camu (*Myrciaria dubia*), after decades of harvest, Jenaro Herrera, PERU
- Species-site matching for native species reforestation in the Visayas region, Institute of Tropical Ecology, Visayas State University, Baybay, Leyte, PHILIPPINES
- Adapting forest restoration approaches to local contexts: case studies from Thailand and the Philippines, RECOFTC and Visayas State University, Nakhon Ratchasima and Baybay City, Leyte, the PHILIPPINES

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U.S. Independent Research

- Assessing best management practices for Natural Play Areas, Blacksburg, VA
- Assessing potential for collaborative wind farm development in Puerto Rico, Windmar Renewable Energy, Culebra, Puerto Rico
- Control of precipitation events on dynamics of disinfection byproduct formation potential, Brookfield, CT and Catskill Mountains, NY
- Endocrine disruptors and the obesity epidemic: How racial and socioeconomic groups differ in their susceptibility to phthalates, New Haven, CT
- Evaluation of ground story floristics in relation to time since overstory harvest, Forest Crew Apprentice and Researcher, Union, CT
- Examining the effects of temperature and nitrogen fertilization on soil carbon dynamics, New Haven, CT
- Gene flow and dispersal of moriche (*Mauritia flexuosa*) among palm swamps in western Amazonia: implications for biogeography and habitat fragmentation, Yale Institute for Biospheric Studies (YIBS), New Haven, CT
- Harvest impacts soil carbon in a Northeastern Connecticut oak-hickory forest, Yale-Myers Forest, CT
- Impacts of climate change on crop choice in the United States, New Haven, CT
- Interviewing diverse participants in elk management in the Greater Yellowstone Ecosystem to understand and explain the complexities of the contentious current elk management framework, Jackson, WY
- Investigating the effect of exposure to endocrine disrupting chemicals on the reproductive function of amphibians in the wild, New Haven, CT
- Investigating a case study of planning and fiscal responses to sea level rise, The Nature Conservancy's Coastal Resilience Project, Guilford, CT
- Impacts of human land use change and development on coastal watersheds in south central Connecticut from pre-colonial times to present, entitled: "The Ecological History of Coastal Connecticut", New Haven, CT
- Issue papers related to US India Cooperation on Climate Change and Energy, NRDC International Initiative, Intern, San Francisco, CA
- Linking plant performance to ecosystem responses: the impacts of *Microstegium vimineum* on nitrogen cycling and mycorrhizal communities, New Haven, CT
- Measuring VOC emissions flux from hydraulic fracturing activities in the Louisiana Haynesville Shale, Bossier City, LA
- "Modeling across scale: does a regional vegetation model accurately predict local distribution of red spruce (*Picea rubens*) on Mt. Moosilauke accounting for phenotypic plasticity?", Warren, NH and New Haven, CT
- Performing a benefits transfer analysis to assess the value of conserved lands in Virginia, Piedmont Environmental Council, Charlottesville, VA
- The effects of forest management treatments on understory deer herbivory in the Northeastern United States, Union, CT
- Using life cycle assessment to evaluate the environmental impacts of a land management project—the PlaNYC Reforestation Initiative in the Kissena Corridor Park reforestation project, New York, NY
- Variance in *Chamaecyparis thyoides* leaf photosynthetic properties along a latitudinal gradient in Eastern USA, New Haven, CT