

Current faculty members of the Environmental Science Graduate Program (October 28, 2010).					
NAME	Email address	DEGREE AND SPECIALTY	AFFILIATION	Research area	COURSES TAUGHT at UPRRP
James Ackerman	ackerman.upr@gmail.com	Ph.D. Taxonomy, plant ecology	UPR-RP Biology	Plant ecology and taxonomy	• Plant Reproduction Processes • Plant taxonomy • Plant Organismal Biology
T. Mitchell Aide	tmaide@yahoo.com	Ph.D. Community ecology	UPR-RP Biology	Tropical plant ecology, restoration ecology	• Communities and Ecosystems • Zoology Seminar • Advanced Ecology: Critical Thinking on the State of Conservation and the Environment
Rafael Arce	scoreupr@gmail.com	Ph.D. Physical chemistry	UPR-RP Chemistry	Photochemistry of atmospheric pollutants	• Physical chemistry
Nicholas Brokaw	nvbrokaw@ites.upr.edu	Ph.D. Tropical forest ecology	UPR-RP Institute of Tropical Ecosystems	Forest ecology	• Ecology • Advanced Ecology: Tropical Forest Ecology
Patricia Burrowes	paburrowes@uprrp.edu	Ph.D. Ecology, herpetology	UPR-RP Biology	Amphibian population dynamics	• Animal Organismal Biology
Tugrul Giray	tgiray2@yahoo.com	Ph.D. Animal behavior	UPR-RP Biology	Animal behavior (bees)	• Animal behavior • Evolution
Edwin Hernández	coral_giac@yahoo.com	Ph.D. Marine ecology	UPR-RP Biology	Reef and coral ecosystems	• Themes in Biology: Marine Biology
Ariel Lugo	alugo@fs.fed.us	Ph.D. Tropical ecology	International Institute of Tropical Forestry (USDA)	Tropical forest ecology	Natural History of Puerto Rico
Mariano Marcano	mmarcano@uprrp.edu	Ph.D. Applied mathematics and modeling	UPR-RP Mathematics	Numeric systems, linear and non-linear system optimization, mathematical modeling	• Computational Analysis
Olga Mayol-Bracero	omayol@ites.upr.edu	Ph.D. Analytical chemistry	UPR-RP Institute of Tropical Ecosystems	Chemistry of tropical atmospheric pollutants	Seminar in Analytical Chemistry • Special topics in Chemistry
Elvia Meléndez- Ackerman	elmelend@gmail.com	Ph.D. Plant ecology	UPR-RP Institute of Tropical Ecosystems	Population ecology and biodiversity	• Ecology • Plant Reproduction Ecology (grad) • Bioconservation (grad)
Jorge Ortiz	jorgeortiz.ites@gmail.com	Ph.D. Hydrology	UPR-RP Institute of Tropical Ecosystems	Hydrology	• Limnology • Seminar in Environmental Sciences • Aquatic Resources
Luis R. Pericchi	luispericchi@yahoo.com	Ph.D. Statistics and applied mathematics	UPR-RP Mathematics	Statistics and mathematical modeling	• Probability and Statistics
Alonso Ramírez	alonso.ites@gmail.com	Ph.D. Limnology	UPR-RP Institute of Tropical Ecosystems	Aquatic ecology	• Limnology • Aquatic Entomology
Carla Restrepo	crestre@hpcf.upr.edu	Ph.D. Landscape ecology	UPR-RP Biology	Landscape ecology, landslides	• Ecology • Large Scale Ecology • Seminar in Zoology: Complex Adaptive Systems • Themes in Biology: Darwinian Medicine
Rafael Ríos	rafaelrios00936@yahoo.com	Ph.D. Environmental health engineering	UPR-RP Environmental Sciences	Pollution control	• Water and Wastewater Treatment • Solid Waste Management
Loretta Roberson	loretta.roberson@gmail.com	Ph.D. Biological Sciences	UPR-RP Enviro Sci	Marine plant ecophysiology	• Coastal Processes
Oswaldo Rosario	rosario_o@msn.com	Ph.D. Organic chemistry	UPR-RP Chemistry	Methods in analysis of environmental pollutants, air pollution analysis, bioaccumulation of pollutants	• Environmental Chemistry • Instrumental Analysis • Chromatographic Separations • Capillary Electrophoresis • Environmental Sampling • Analysis of Organic Pollutants in Air • Analysis of Organic Pollutants in Water
Vance Vicente	vance@prtc.net	Ph.D. Marine sciences	Consultant		• Tropical Island Marine Resources
Mei Yu	meiyupr@yahoo.com	Ph.D. Spatial analysis, modeling	UPR-RP Institute of Tropical Ecosystems	Environmental spatial analysis, GIS and remote sensing	Ecology, GIS, Remote Sensing
Jess K. Zimmerman	jesskz@ites.upr.edu	Ph.D. Plant ecology	UPR-RP Institute of Tropical Ecosystems	Plant communities and response to disturbances	• Biometry • Introduction to Ecology
Xiaoming Zou	xzou2000@yahoo.com	Ph.D. Forest ecology	UPR-RP Institute of Tropical Ecosystems	Soil nutrients and biogeochemical cycles	• Ecology • Ecology Laboratory • Biogeochemistry