



Name and Position	Academic Degree	Academic and Research Interests	Email and Extension at (787) 743-7979
Barberena-Arias, María F. Assistant Professor, Biology	PhD in Biology (2008) University of Puerto Rico	Tropical ecosystems: arthropods in terrestrial and aquatic ecosystems, soil biology, litter decomposition (nutrients, temperature, humidity, fauna), community succession, conservation biology	mbarberena1@suagm.edu utbarberena@yahoo.com Ext. 94266
Cantrell Rodríguez, Sharon A. Professor of Biology, Dean of Doctoral Studies Center	PhD in Plant Pathology Concentration in Mycology (1996) University of Georgia, USA	Taxonomy, systematics and evolution of fungi using traditional and molecular techniques. Studies in soil and leaf litter microbial communities and succession using FAME and TRFLP. Fungi in extreme environments. Role of fungi in ecosystem processes.	scantrel@suagm.edu Ext. 94266 & 94116
Cotto Malonado, María Del Carmen Adjunct Professor	PhD in Environmental Sciences (2012) Universidad del Turabo	Synthesis of new nanomaterials as titanium oxide nanowires, carbon nanotubes, graphene and others. Fenton and photocatalytic activity (Advanced Oxidation Processes (AOPs). Hydrogen production by water-splitting. Potable water treatment systems (Non-PRASA systems) and ecological succession and chemical parameters in low sand filters.	mcotto48@suagm.edu Ext. 94014
Díaz Castro, Francisco J. Adjunct Professor	PhD in Physics (2013) University of Puerto Rico	Theoretical relativistic calculations of energy levels and transition radiative rate for heavy charge ions. Computational modeling for chemical process.	fdiaz@suagm.edu Ext. 94253
Duongé Hernández, José Professor of Physics, Director Chemistry & Physics Department	PhD in Physics (1980) University of Moscow, Russia	Theoretical physics and materials science. Materials characterization and instrumentation in zeolites.	jduconge@suagm.edu Ext. 94257
Emiliano Sosa, Anastacio Professor of Chemistry	PhD in Biochemistry (1999) University of Puerto Rico	CO ₂ Capture/Activation, Mechanocatalysis, Acrylamide in food.	aemilian@suagm.edu Ext. 94256
Flores Santiago, Samuel Associate Professor of Biology	PhD in Ecology (1989) University of Chicago	Reproductive biology of plants.	sflores@suagm.edu Ext. 94250

González González, Ileana Assistant Professor of Chemistry	PhD in Chemistry University of Puerto Rico	Analytical chemistry, chemical instrumentation. Synthesis of new materials for energy devices, eg. fuel cells, batteries. Water purification through bio-electrochemical processes.	ilgonzalez@suagm.edu Ext. 94014
Laboy Nieves, Eddie N. Professor of Environmental Sciences, Director of the Graduate Program	PhD in Marine Ecology (1998) Venezuelan Scientific Research Institute	Ecology of holothurians and raptors, environmental management, mangroves, sea grass beds, habitat characterization, trace elements, sustainable development. Webpage: http://cienciapr.org/user/dreddielaboy	elaboy@suagm.edu Ext. 94264
Lipsett Ruiz, Teresa Professor of Mathematics, School Dean	PhD in Math Curriculum (1986) Fordham University, New York	Application of statistics as a tool for formative and/or summative evaluations, curriculum development, projects related to programs to attract pre college and undergraduate students to study science, math, engineering o related careers. Environmental remediation technologies: EZVI Educational research. Indoor air quality.	ut_tlipsett@suagm.edu Ext. 94223
Lozano Paulino, César Professor of Chemistry	PhD in Chemistry (1994) University of Puerto Rico, Rio Piedras	Remediation of hazardous wastes, atmospheric environmental chemistry, preparation of material for small molecules storage and catalysis.	clozano@suagm.edu Ext. 94263
Márquez Linares, Francisco Professor of Chemistry	PhD in Physical Chemistry (1992) University of Valencia	1. Synthesis, chemical modification and applications of single wall carbon nanotubes. 2. Synthesis of nanoporous membranes and their applications in nanotechnology. 3. Photophysics. Study of organic compounds in confined spaces. Application in laser dyes. 4. Catalysis and photocatalysis. 5. Graphene. 6. Development of high performance Li-ion batteries.	fmarquez@suagm.edu Ext. 94261
Nieto Ramos, Santander Associate Professor of Chemistry - Physics	PhD in Physical Chemistry (2006) University of Puerto Rico	Synthesis and characterization of a variety of high tech advanced ceramic materials for Li-ion based cathode materials for rechargeable batteries in the form of nano-powders, thin films and fibers. My immediate research plans are based on addressing some of the outstanding issues regarding the synthesis of pronto-conducting membranes for hydrogen and oxygen cleaning, and the synthesis of new materials.	snieto2@suagm.edu Ext. 94253
Olivo Delgado, Carlos J. Associate School Dean	EdD in Chemical Education (2007) University of Puerto Rico	Chemical and environmental education; analysis of heavy metals in drinking water; characterization of natural waters in polluted ecosystems; phytoremediation of fluoroquinolones in water using endemic plants.	olivoc1@suagm.edu Ext. 94167
Pérez Jimenez, José R. Associate Professor of Biology, Director of the Interdisciplinary Research Institute	PhD in Environmental Microbiology (2003) Rutgers University, New Jersey	Environmental microbiology and biotechnology with emphasis on the molecular characterization of cultivation of selected anaerobic groups (sulfate-reducing bacteria and arsenate respirers) involved in the transformation of contaminants.	ut_iperezjm@suagm.edu utiperezjm@gmail.com Ext. 94279
Quintero Fonseca, Olga Lucía Assistant Professor of Mathematics	EdD in Curriculum and Teaching Mathematics (2013) University of Puerto Rico	Integration of technology in mathematics teaching. Tricerebral development from mathematics teaching. Use of functional language. Mathematics education. Euclidean geometry.	oquintero@suagm.edu Ext. 94254

Ríos Ramos, Agustín Professor of Chemistry	PhD in Chemistry (1973) University of Puerto Rico	Synthesis and characterization of cyclic peroxides, thermal photochemical and nucleophilic decomposition of cyclic peroxide.	arios@suagm.edu Ext. 94262
Rivera Collazo, Angel Professor of Mathematics	PhD in Math Education (1987) University of Illinois	Mathematics education, integration of technology in math learning, mathematics online learning and assessment, math peer to peer learning, and science education.	arivera@suagm.edu Ext. 94267
Schaffner Gibbs, Fred C. Professor of Biology	PhD in Ecology and Tropical Biology (1988) University of Miami	Environmental management, sustainable development, conservation biology, ecology and habitat management, including eutrophication and anoxia in natural and managed surface waters. Additional specific interests in ornithology, wildlife ecology and management, and the ecology and reproductive energetics of marine and aquatic birds, and terrestrial Neotropical migrants.	fschaffner@suagm.edu Ext. 94255
Vázquez Montes, Adriel Assistant Professor of Biology	PhD in Biology (2005) University of Puerto Rico	Developmental, behavioral, and molecular mechanisms of metal-mediated neurotoxicity in the fruit fly	avazquez180@suagm.edu Ext. 94264