

Seminar Series
August 2017 – May 2018

Research Seminars

No.	DATE	SEMINAR / WORKSHOP / MEETING	SPEAKER (S)
1.	September 1, 2017	Algae as Nanofactories of Materials for Energy and Biomedical Applications	Liz M. Díaz Vázquez, PhD Chemistry Department UPR-Río Piedras
2.	September 15, 2017	Exploring the nervous system of an intermediate host for “Schistosomiasis”	Mark Miller, PhD Biology Department UPR-Río Piedras
3.	January 19, 2018	Biological relevant sample collection and chemical analysis on the nL scale	Scott Shippy, PhD Associate Professor of Chemistry and Bioengineering University of Illinois-Chicago
4.	February 2, 2018	Genetics and epigenetics of neuroadaptation in <i>Drosophila</i>	Alfredo Ghezzi, PhD Biology Department UPR-Río Piedras
5.	February 23, 2018	The parasitic helminth <i>Fasciola hepatica</i> : a pharmacopeia of anti-inflammatory properties	Ana M. Espino, PhD Dept. of Microbiology & Medical Zoology UPR-Medical Sciences Campus
6.	March 14, 2018	Vascular potassium channel dysfunction during diabetes	Madelin Nieves-Cintrón-PhD Department of Pharmacology UC-Davis
7.	March 16, 2018	The biology in motion: Exploring how the nervous system produces movement sequences	Andrew Seeds, PhD Neurobiology Institute UPR-Medical Sciences Campus
8.	April 20, 2018	Organometallic compounds as potential anti-cancer agents. Towards targeted therapeutics.	María Contel Fernández, PhD Department of Chemistry Brooklyn College-City University of New York
9.	May 11, 2018	Microbial Community Structure Predicts Groundwater Geometrics	Terry Hazen, PhD University of Tennessee and Oak Ridge Lab

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			Knoxville, Tennessee
10.	May 18, 2018	Exploiting Platelet Lipid Metabolism to Prevent Thrombosis	Leslie Parise, PhD Professor and Chair of Biochemistry & Biophysics University of North Carolina Medical School

Recruitment Seminars

No.	DATE	SEMINAR / WORKSHOP / MEETING	SPEAKER (S)
1.	November 8, 2017	Recruitment Seminar Brown University	Alexander Jaworski Assistant Professor of Neurosciences
2.	January 10, 2018	Are graduate study or summer research in your future?	Evelyn Erenrich Director RISE at Rutgers
3.	March 23, 2018	Biomedical Research Opportunities at UNC-Chapel Hill	Jessica Harrell, PhD Director, Summer of Learning and Research Director, Academic and Career Excellence Office of Graduate Education, University of North Carolina-Chapel Hill Science, Training, and Diversity Group
4.	April 11, 2018	Recruitment Seminar: North Carolina State University	David M. Shafer, PhD Assistant Dean The Graduate School North Carolina State University
5.	April 27, 2018	Recruitment & Research Seminar-MD Anderson Cancer Center	Marenda Wilson, PhD Assistant Dean of Diversity & Alumni Affairs Andrew J. Bean, PhD Professor

Special Seminars or Workshops

No.	DATE	SEMINAR / WORKSHOP / MEETING	SPEAKER (S)
1.	August 16, 2017	Administrative Meeting/ABRCMS Abstract Orientation	Orestes Quesada, PhD MARC & RISE Coordinator
2.	August 23, 2017	How to submit your abstract for the ABRCMS	Orestes Quesada, PhD MARC & RISE Coordinator
3.	August 25, 2017	Ethics Seminar	Félix A. Castrodad, PhD Retired Professor UPR-Humacao
4.	August 30, 2017	Tips for Poster and Oral Presentations	Orestes Quesada, PhD MARC & RISE Coordinator
5.	October 27, 2017	ABRCMS Informative Meeting	Orestes Quesada, PhD MARC & RISE Programs Coordinator
6.	November 15, 2017	Personal statement for Graduate Schools	Orestes Quesada, PhD MARC & RISE Coordinator
7.	November 29, 2017	Which graduate program is the best for me: Evolution is the solution	Orestes Quesada, PhD MARC & RISE Coordinator
8.	December 6, 2017	My Experience in a Summer Internship	Orestes Quesada, PhD MARC & RISE Programs Coordinator
9.	January 17, 2018	How to prepare a thesis or mini paper	Orestes Quesada, PhD MARC & RISE Programs Coordinator
10	January 24, 2018	“Herramientas para el éxito en ruta a estudios graduados. Plan de desarrollo profesional, mentoría y redes en investigación	Mariluz Franco Ortiz, PhD Coordinadora de Adiestramientos UPR-IPERT
11.	February 7, 2018	“Experiencias de entrevistas para escuela graduada”	Orestes Quesada, PhD MARC & RISE Programs Coordinator
12.	May 2, 2018	How to Fund Your Education: Writing Award Winning Applications	Patricia Ordóñez, PhD Department of Computational Sciences UPR-Río Piedras

Undergraduate Research Seminars

No.	DATE	SEMINAR / WORKSHOP / MEETING	SPEAKER (S)
1.	February 14, 2018	Expression and purification of a putative regulator involved in bacterial fatty acid biosynthesis	Mabel G. Pérez Oquendo MARC Undergraduate Student
2.	March 7, 2018	Total synthesis, antileishmanial and anticancer properties of $\Delta 6$ acetylenic and olefinic fatty acids Slow-channel congenital myasthenic syndrome models have different creatine kinase levels	Ester Álvarez Benedicto MARC Undergraduate Student Lidiette M. Ángeles Pérez MARC Undergraduate Student
3.	March 21, 2018	Isolation, structure elucidation and biological activity of secondary metabolites from marine sponge: Caribbean <i>Tethya crypta</i> and <i>Plakortis halichondroide</i> . "Characterization of the functional effects of novel positive allosteric modulators for the $\alpha 7$ nicotinic acetylcholine receptor (nAChR)	Nicole Fernández Tejero Department of Chemistry Francis Reilly-Andújar Department of Biology MARC Undergraduate Students
4.	April 4, 2018	Ulvan as a building block for materials with molecule and cell immobilization, and immunomodulation purposes	Derek M. García Almedina Department of Chemistry MARC Undergraduate Student
5.	April 25, 2018	Novel Second Generation of Ferrocenyl Chalcone Derivatives as Potential Anticancer and Antioxidant Candidates HCN channel distribution on dopaminergic neurons of the Ventral Tegmental Area	Geraldo L. Durán-Camacho Department of Chemistry Luis A. Aponte Cofresí Department of Biology MARC Undergraduate Students
7.	May 9, 2018	Design of Supracapacitor Separatos Based on Polymeric-Ceramic Composites: Enhancing Performance for Applications in Biomedical Implantable Devices. Flexible Impedance Biosensors for Folate Receptor Detection in Cancer Diagonostic.	Christian O. Álvarez Sánchez Department of Chemistry MARC Undergraduate Student José J. Fuentes Rivera Department of Chemistry RISE Undergraduate Student

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8.	May 16, 2018	<p>Functional Characterization of Nicotinic Acetylcholine Receptor in Different Lipid-Analog Detergent Families.</p> <p>The Study of Cellular Internalization/Uptake of Anisotropic-shaped Iron Oxide Nanoparticles via Confocal Microscopy.</p>	<p>Brian Cobo Torres Department of Biology</p> <p>Carlene M. Santiago Medina Department of Biology</p> <p>MARC Undergraduate Students</p>

Graduate Research Seminars

No.	DATE	SEMINAR / WORKSHOP / MEETING	SPEAKER (S)
1.	December 1, 2017	Synthesis, characterization, and cytotoxic evaluation of novel fatty acids and hydantoins	Christian Morales Guzmán RISE Graduate Student Department of Chemistry UPR-Río Piedras
2.	December 8, 2017	Site specific Pegylation of L-asparaginase subunits to increase enzymatic activity and stability	Josell Ramírez Paz RISE Graduate Student Department of Chemistry UPR-Río Piedras
3.	January 12, 2018	Preparation of polymeric scaffolds for bone tissue regeneration	Jaime A. Santillán Mercado RISE Graduate Student Department of Physical-Chemistry UPR-Río Piedras
4.	January 26, 2018	Chemical and enzymatic triggering strategies for hierarchical self-assembly from the nano- to the microscale	Luis A. Prieto Costas RISE Graduate Student Department of Chemistry UPR-Río Piedras
5.	April 13, 2018	Purification, Characterization and Evaluation of Photosystem 1 Light Harvesting Complex 1 (PSI-LHC1) from <i>Botryococcus braunii</i> as a Potential Anticancer Drug	Freisa M. Joaquín Ovalle Department of Chemistry RISE Graduate Student