

**PUERTO RICO LOUIS STOKES ALLIANCE FOR
MINORITY PARTICIPATION**

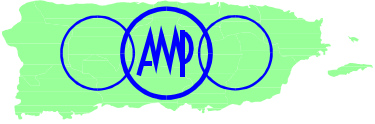
A Consortium of the University of Puerto Rico System, the Inter American University of Puerto Rico, the Pontifical Catholic University of Puerto Rico, the Politecnico University of Puerto Rico and the Resource Center for Science and Engineering of the University of Puerto Rico

**FIFTH TRANSDISCIPLINARY RESEARCH CONFERENCE
Conrad Condado Plaza**

**THEME: Reflections on Biochemistry, Material Science and Population
Biology**

**Thursday, May 13, 2010
Program Tentative Agenda**

7:30 a.m. - 8:30 a.m.	Registration and Continental Breakfast (Juan Ponce de Leon Room)
8:30 a.m. – 8:45 a.m.	Introduction and Welcoming Remarks Dr. Carlos Cabrera, Chemistry Department-UPR, Río Piedras Dr. Manuel Gómez, Director, Resource Center for Science and Engineering
8:45 a.m.– 9:45 a.m.	“Direct Inhibition of the Notch Transactivation Complex” James E. Bradner M.D. M. Sc. Department of Medicine, Harvard Medical School / Dana-Farber Cancer Institute
9:45 a.m. – 10:45 a.m.	“Potentiometry in Gas Phase-Are You Kidding Me?” Jiri Janata Ph.D. Professor and Eminent Scholar in Sensors and Instrumentation / Georgia Tech
10:45 a.m. – 11:45 a.m.	“Self-Organizing and Self-Sorting: How Nature Creates the New and How Chemists can Use These Concepts” Christoph A. Schalley Ph.D. Freie Universitat Berlin
11:45 a.m. – 1:10 p.m.	Lunch
1:15 p.m. – 2:15 p.m.	“Nanostructure Materials for Sensors in Aerospace Application” Gary Hunter Ph.D. NASA Glenn Research Center
2:15 p.m. – 3:15 p.m.	“Neutron and X-Ray Scattering: Unique Structural Probes for Soft Matter Research” Danilo Pozzo Ph.D. University of Washington
3:15 p.m. – 4:15 pm	“Catalysts and Nanostructures for Light-driven Catalytic Water Splitting” Craig L Hill Ph.D. Emory University
4:15 p.m. – 6:00 p.m.	Poster Session



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Friday, May 14, 2010
Program Tentative Agenda

7:30 a.m. - 8:30 a.m.	Registration and Continental Breakfast (Juan Ponce de Leon Room)
8:30 a.m. – 8:45 a.m.	Introduction and Welcoming Remarks Dr. Elvia Melendez, ITES-UPR, Río Piedras Dr. Manuel Gómez, Director, Resource Center for Science and Engineering
8:45 a.m.– 9:45 a.m.	“Food Webs Through River Networks: Towards Predictive Mapping” Mary Powers, Department of Integrative Biology, University of California Berkeley
9:45 a.m. – 10:45 a.m.	“Vulnerability of Tropical Ectotherms to Climate Warming” Raymond B. Huey, Ph.D., Biology Dept, University of Washington
10:45 a.m. – 11:45 a.m.	“Migratory Fishes as Key Drivers of Tropical Stream Ecosystems” Alexander Flecker, Ph.D. Cornell University
11:45 a.m. – 1:10 p.m.	Lunch
1:15 p.m. – 2:15 p.m.	“A Case for Robust Bayesian priors with Applications to Binary Clinical Trials” Dr. John Cook, UT MD Anderson Cancer Center, Dept. of Biostatistics
2:15 p.m. – 3:15 p.m.	Pending Confirmation – Diana Delgado/Carla Restrepo
3:15 p.m. – 5:00 p.m.	Poster Session