SACNAS 2nd Annual Symposium:
Science and Technology, Innovation through Research
Luis de Celis Building, UPR Mayagüez
April 24 and 25, 2014

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United States Department of Agriculture – Natural Resources Conservation Service (USDA – NRCS)

Marine Sciences Department – UPR-Mayagüez

Agenda

Thursday, April 24, 2014

9:00 am – 2:15 pm	**Registration,** *Luis de Celis Building Lobby*
9:00 am – 9:30 am	**Continental Breakfast,** *Luis de Celis Building Lobby*
9:30 am – 9:45 am	**Opening Remarks,** *C-009 and C-010* Nayda G. Santiago Santiago, PhD, SACNAS UPRM Advisor Fernando Gilbes Santaella, PhD, CoHemis Director Héctor J. Esparra Escalera, SACNAS UPRM President Carolina J. García García, Organizing Committee President
9:45 am – 10:35 am	**Keynote Address,** *C-009 and C-010* "Puerto Rico Genomes: Migration, Admixture, and Population Medical Genetics" Juan Carlos Martínez Cruzado, PhD
10:35 am – 10:45 am	**Coffee Break,** *Luis de Celis Building Lobby*
10:45 am – 12:15 pm	**Poster Session I,** *C-008* Engineering, Math and Computing Physics and Geology
12:15 pm – 1:30 pm	**Luncheon,** *4th Floor, Centro de Estudiantes*
1:30 pm – 2:20 pm	**Keynote Address,** *C-009 and C-010* "Opening unknown depths: Coral ecosystems at the edge of light" Richard S. Appeldoorn, PhD
2:20 pm – 2:30 pm	**Coffee Break,** *Luis de Celis Building Lobby*

2:30 pm – 3:15 pm **Oral Session I,** *C-009 and C-010*
Physics and Geology
Agricultural Sciences and Marine Sciences
2:30 pm – 2:45 pm, Milton A. Martínez Julca
2:45 pm – 3:00 pm, Oscar S. Hernández Daguer
3:00 pm – 3:15 pm, Rolf Vieten

3:15 pm – 3:30 pm **Informative Session**, *C-009 and C-010*
"JOUST: The Journal of Undergraduate Research Students"
Yaritza M. Santiago Correa, Industrial Engineering Graduate Student

Friday, April 25, 2014

8:30 am – 2:30 pm **Registration,** *Luis de Celis Building Lobby*

8:30 am – 9:00 am **Continental Breakfast,** *Luis de Celis Building Lobby*

9:00 am – 9:50 am **Keynote Address,** *C-009 and C-010*
"Puerto Rico and Goliath"
David B. Dooner, PhD

9:50 am – 10:50 am **Oral Session II,** *C-009 and C-010*
Biology, Biotechnology and Chemistry
9:50 am – 10:05 am, Andrés Moya Rodríguez
10:05 am – 10:20 am, Erika M. López Alfonso
10:20 am – 10:35 am, Esmarline J. De León Peralta
10:35 am – 10:50 am, Edwin G. Ramírez Aponte

10:50 am – 11:00 am **Coffee Break,** *Luis de Celis Building Lobby*

11:00 am – 12:30 pm **Poster Session II,** *C-008*
Biology, Biotechnology and Chemistry
Agricultural Sciences and Marine Sciences

12:30 pm – 1:45 pm **Luncheon,** *Anexo Cafeteria, Centro de Estudiantes*

1:45 pm – 3:00 pm **Oral Session III,** *C-009 and C-010*
Engineering, Math and Computation
1:45 pm – 2:00 pm, Esmeralda Niño Pérez
2:00 pm – 2:15 pm, Gilbert E. Del Orbe Almanzar
2:15 pm – 2:30 pm, Xavier A. Terán Batista
2:30 pm – 2:45 pm, César Serna Rapello
2:45 pm – 3:00 pm, Yaileen M. Méndez Vázquez

3:00 pm – 3:50 pm **Keynote Address,** *C-009 and C-010*
"Pathway to next generation MRI"
Yong-Jihn Kim, PhD

3:50 pm – 4:15 pm **Concluding Remarks & Awards,** *C-009 and C-010*
Héctor J. Esparra Escalera, SACNAS UPRM President
Carolina J. García García, Organizing Committee President