

Fourth Student Research Symposium:

# Passing the Torch of Research and Ethics to the Next Generation

Oral Presentations

Poster Presentations

Saturday, October 3, 2015

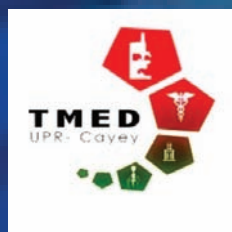
Time: 7:00am - 5:30pm

Ramón Frade Amphitheater

205, Antonio R. Barceló Avenue

University of Puerto Rico, Cayey Campus

Puerto Rico Society of Microbiologists | American Society For Microbiology



# PROGRAM – Saturday 03, 2015

AM

- 7:30 Breakfast, Registration and Poster Set-up**  
**8:30 Moderators:** TMED Board of Directors' Officers  
**Welcoming Remarks:**  
**Mario Medina Cabán, Ph.D.**  
Chancellor, University of Puerto Rico at Cayey  
**Robur Otero, B.S.**  
PRSM-President 2001; 2011-14; 2015-16

**8:45 Moderator:** Odrys De Jesús-Hernández, M.B.A.

## Oral Presentations Session I:

- Yomarie Bernier Casillas, Universidad del Turabo, Gurabo**  
Elucidation of Colonization Factors for Efficient Soil Rhizoremediation among Hexadecane-Degrading Bacteria  
**Verónica Figueroa-Negrón, University of Puerto Rico, Mayagüez**  
Endophytic fungi from the black mangrove *Avicennia germinans* in Puerto Rico: their antimicrobial and antifungal potential  
**Alfredo González, University of Puerto Rico, Río Piedras**  
Prevalence of virulence genes and prophages in tropical *Escherichia coli* populations  
**Yakshi Ortiz-Maldonado, Inter American University, Metro, SJ**  
The rhizosphere microbiome of *Tabebuia heterophylla*, a morphologically variable tropical tree native to Puerto Rico

**9:55 Coffee Break**

**10:05 Moderator:** Mariel Pérez Vélez, Ph.D.

## Oral Presentations Session II:

- César A. Pérez Fernández, University of Puerto Rico, Río Piedras**  
RANK-ABUNDANCE'S TAIL PRESENTS DNA FROM SOME POSSIBLE FECAL CONTAMINATION INDICATORS IN THE LARGEST HYPERSALINE ENVIRONMENT IN THE WORLD  
**Caleb Ruiz-Jiménez, University of Puerto Rico, MSC, San Juan**  
*Fasciola hepatica* 12kDa fatty acid binding protein exhibits anti-inflammatory effect in response to Different Bacterial Components  
**Saritza Santos, University of Puerto Rico, MSC, San Juan**  
Immunological Characterization of Vaccinia virus E6 protein

**11:00 Artistic Event: UPR-Cayey**

**11:20 Poster Evaluation and Visit to Exhibitors**

PM

**12:30 Lunch**

**1:30 Moderator:** María T. Negrón, B.S.

## Careers in Microbiology

**Shilpa Gadwal, Ph.D.**

Career Advancement Fellow at the American Society for Microbiology

**2:30 Coffee Break**

**2:40 Moderator:** Rafael Tosado-Acevedo, Ph.D.

## Panel on Ethical Issues in Genetic Research

**Juan Carlos Martínez Cruzado, Ph.D.**

Professor, Biology Department, UPR-Mayagüez  
Caribbean Genome Center, UPR-Mayagüez  
**Rosa Fernanda Martínez Cruzado, Ph.D.**  
Professor, Humanities Department, UPR-Mayagüez  
**Margarita Irizarry Ramírez, Ph.D.**  
Professor, School of Health Professions, UPR-MSA

**4:15 Dr. Américo Pomales-Lebrón**  
**Award Presentation**

**4:45 Closing Remarks:**  
**Robur Otero, B.S.**  
PRSM-President

**Note:** Titles are displayed as received from the students.

Register and reserve your space on or before **September 28, 2015:** <http://www.micropr.org>

Register on line and pay with Credit Card using PayPal, or send check / money order payable to PRSM to the address below

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Company: \_\_\_\_\_

E-mail: \_\_\_\_\_

Phone (w): \_\_\_\_\_ (h): \_\_\_\_\_

You can pay with PayPal or send check payable to PRSM to:

### Fourth Student Research Symposium

Sociedad de Microbiólogos de Puerto Rico  
PO Box. 360175  
San Juan, P.R. 00936-0175

Lunch alternative (please select one):

- Regular  Vegetarian

**Registration Deadline: Septiembre 28, 2015**

### Registration Fees:

- |  |           |
|--|-----------|
| <input type="checkbox"/> Regular PRSM Member   | \$35.00   |
| <input type="checkbox"/> Regular Non-Member  | \$45.00   |
| <input type="checkbox"/> Student PRSM Member   | \$10.00   |
| <input type="checkbox"/> Student Non-Member  | \$25.00   |
| <input type="checkbox"/> On-site Registration: Additional fee                                  | \$10.00   |
| <input type="checkbox"/> Symposium Judges  | No Charge |
| <input type="checkbox"/> Students presenting/identified with (*) in abstracts                  | No Charge |
| <input type="checkbox"/> Optional Donation (to support student's participation and activities) | \$_____   |
| <input type="checkbox"/> Total Amount Enclosed   | \$_____   |

### CONTACT US:

Web Site: [www.micropr.org](http://www.micropr.org)

E-mail: [smpr50@gmail.com](mailto:smpr50@gmail.com)

Tel.: (787) 380-2679 / 610-3775

**Become a PRSM Student Member before September 28, and register for only \$10.00**