

**GREETCHEN DÍAZ-MUÑOZ, PhD**  
DIRECTOR, SCIENCE EDUCATION PROGRAM & COMMUNITY ALLIANCES  
CIENCIA PUERTO RICO  
AAAS IF/THEN AMBASSADOR

**EDUCATION**

**2012-2014**

Postdoctoral Researcher. Nebraska Center for Virology, University of Nebraska (Lincoln, NE) Advisor: Peter Angeletti.

**2006-2012**

Doctor in Philosophy. Molecular, Cellular and Developmental Biology Program. Molecular Genetics Department, The Ohio State University (Columbus, OH). Advisor: Anita K. Hopper.

**2003-2006**

Master in Science Majoring in Microbiology. Biology Department at University of Puerto Rico, Mayagüez Advisor: Dr. Rafael Montalvo.

**1997-2002**

Bachelor in Science Majoring in Biology. University of Puerto Rico, Mayagüez. *Magna Cum Laude*

**PROFESSIONAL EXPERIENCE**

**2017 to present**

**Director, Science Education Programs and Community Partnerships**

Ciencia Puerto Rico (CienciaPR)

Relevant Projects:

- "Ciencia al Servicio" (Science for Service)
- "Científicos al Servicio" (Scientists for Service)
- "Semillas de Triunfo" (Seeds of Success)

**2014 to 2017**

**Grants Program Director**

Puerto Rico Science, Technology and Research Trust (PRSTRT)

Relevant Projects:

- Forward Grantees Symposium
- Science and Technology Request for Proposals
- Small Research Grants Program
- Researcher's Startup Funds Program
- Implementation of Trust's online platform for grants applications and review process

**Science Outreach and Education Initiatives Coordinator**

PRSTRT

Relevant Projects:

- Forward Mentoring Day
- Forward Research and Innovation Summit (2016)
- PRSTRT's Recognition Event (2016)
- Bajari Award (2016)
- "Coloquio Internacional Hablemos de Ciencia" (collaboration with "Congreso Internacional de la Lengua Española 2016")
- Innovation, Research and Development Forum- Virtual Educa 2016 (collaboration with PR Department of State)
- Research and Innovation Meetups Series (2015 to present)

**Other Administrative Roles**

PRSTRT

- Development and Implementation of PRSTRT's Strategic Plan

***March 2006 to July 2006***

**Technical Assistant**

Chemical Engineering Department- Biotechnology Laboratory

University of Puerto Rico, Mayagüez Campus PI: Dr. Lorenzo Saliceti. Technical work and supervision of undergraduate/graduated students

**TEACHING AND STEM EDUCATION**

**Experience and Training**

***K-12***

***2019***

Project manager for PR team, STEM Education Summit: Building a coalition for Attracting and Retaining a Diverse STEM Teaching Workforce

***2019 to present***

Program manager, "Científicos al Servicio"

***2018 to present***

Program manager, "Ciencia al Servicio" and "Astronomía al Servicio"

***2017 to present***

Co-PI, NSF RAPID: Evaluation of disaster-related science lesson plans to promote learning continuity after Hurricane Maria

***2015 to present***

Program manager, Seeds of Success: STEM Girls Ambassadors Program

Ciencia Puerto Rico (CienciaPR)

- CienciaPR Girls in science initiative. One-day STEM-leadership workshops for middle school female students to be celebrated during the 2015-16 academic year in Puerto Rico.

***2014***

Resident teacher and curriculum developer for High School Students at "Bosque Escuela la Olimpia" Ariel Massol Deyá (Forest School), Adjuntas, P.R.

***College***

***October 2013 to January 2014***

American Society for Microbiology Science Teaching Fellows Program

The program aims to prepare doctoral-trained students for science teaching positions

***September 2011 to December 2011***

Teaching Assistant

Molecular Genetics Department, The Ohio State University

Course: General Genetics

***January 2003 to May 2006***

Teaching Assistant

Biology Department, University of Puerto Rico, Mayagüez

Courses: Cell Physiology Laboratory, Immunology Laboratory and Eukaryotic Molecular Genetics Laboratory

**Expertise**

Molecular biology, General microbiology, Yeast biology, Fungi as model systems, Cell biology and Physiology, Microbiology, Cell & Molecular microbiology, Membrane transport, Mycology, Medical microbiology & mycology,

Fungal Physiology, Biology of extremophiles, Biotechnology, Gene regulation, Microscopy, General biology, Science communication and non-formal education, Critical thinking & the Scientific Method.

## **STUDENT MENTORING**

### **Supervised Undergraduate and Graduate Students**

- Victoria Bonano (Yale University intern- CienciaPR Education)
- Cristina Hernández (High school student Intern- CienciaPR Education)
- Patricia Torres (University of Puerto Rico, Intern- CienciaPR Education)
- Darcy Acevedo (University of Puerto Rico, Intern- CienciaPR Education)
- PaolaMarxuach (University of Wisconsin, Madison, Intern- CienciaPR Education)
- Yelemis de la Cruz (University of Puerto Rico, Intern- CienciaPR Education)
- Stephanie González (University of Puerto Rico, Intern- CienciaPR Education)
- Génesis Rivera (Universidad del Este, Intern- CienciaPR Education)
- Karina Arroyo (University of Puerto Rico, Intern- CienciaPR Education)
- Kathyria Sánchez (University of Puerto Rico, Intern- CienciaPR Education)
- Yarelis Díaz (University of Puerto Rico, Intern- CienciaPR Education)
- Angely Cruz (University of Puerto Rico, Intern- CienciaPR Education)
- Krysian del Valle (Universidad del Este, Intern- PRSTRT Outreach)
- Diane Mankin (University of Puerto Rico, Intern- PRSTRT Outreach)
- Lauren Rivera (University of Puerto Rico, Intern- PRSTRT Grants Program)
- Grace Rendón (University of Puerto Rico, Intern- PRSTRT Grants Program)
- Stephanie Soto (University of Puerto Rico, Intern- PRSTRT Grants Program)
- Nicole Serrant (University of Puerto Rico, Intern- PRSTRT Grants Program)
- Kevin Oestmann (Biology Honor Student, University of Nebraska, Lincoln)
- Chrispin Chisanga (Graduate Student, University of Nebraska, Lincoln)
- Gina Wenner (Summer Student, The Ohio State University)
- Jessica Wagoner (Molecular Genetics Honor Student, The Ohio State University)
- Heiselle Márquez (Industrial Microbiology Student, University of Puerto Rico Mayagüez)
- Waleska Jimenez (Industrial Microbiology Student, University of Puerto Rico Mayagüez)
- Natasha Acevedo (Biology Student, University of Puerto Rico Mayagüez)
- Aned Burgos (Biology Graduate Student, University of Puerto Rico Mayagüez)

## **RESEARCH EXPERIENCE**

### **Postdoctoral Fellow**

***December 2012 to June 2014***

“Yeast Genetic Screen to Determine Host Cellular Factors Required in HPV Replication and Maintenance” under the supervision of Dr. Peter Angeletti. Nebraska Center for Virology, University of Nebraska, Lincoln.

### **Graduate Research Assistant (PhD)**

***January 2009 to August 2012***

“A Possible Link between the Spindle Pole Body and the Endoplasmic Reticulum” under the supervision of Dr. Anita K. Hopper. Department of Molecular Genetics, The Ohio State University.

***June 2007 to July 2012***

“A Genomic Screen for Essential Genes Involved in INM Protein Targeting” under the supervision of Dr. Anita K. Hopper. Department of Molecular Genetics, The Ohio State University.

***March 2007 to July 2012***

“Possible Role of the Spindle Pole Body Components in the Localization of Nuclear Membrane Proteins” under the supervision of Dr. Anita K. Hopper. Department of Molecular Genetics, The Ohio State University.

***January 2007 to March 2007***

“Probing of protein-protein interactions by YFP-bimolecular fluorescence complementation (BiFC)” under the supervision of Dr. Hay-Oak Park. Department of Molecular Genetics, The Ohio State University.

### ***September 2006 to December 2006***

“Putative Role for Histone Demethylases in Silencing at Yeast Telomeres and Mating Loci” under the supervision of Dr. Mark Parthun. Molecular and Cellular Biochemistry Department, The Ohio State University.

### **Graduate Research Assistant (Master)**

#### ***August 2004***

“Filamentous Fungi from Thermal Waters of Coamo Puerto Rico” under the supervision of Dr. Rafael Montalvo. University of Puerto Rico, Mayagüez.

#### ***Summer 2003***

“Diversity of Filamentous Fungi from Dominican Republic Solar Salterns” under the supervision of Dr. Rafael Montalvo. University of Puerto Rico, Mayagüez.

#### ***January 2003***

“Isolation of Putative Plasmids from Halophilic Archaea from the Solar Saltern’s waters of Cabo Rojo, Puerto Rico” Graduate Special Problem under the supervision of Dr. Rafael Montalvo. University of Puerto Rico, Mayagüez.

#### ***January 2003 to June 2006***

“Fungal Diversity Present at a Hypersaline Environment in Cabo Rojo, Puerto Rico Determined by Characterization of Isolates and Analysis of Environmental rRNA Genes Clones Libraries”. M.S. Thesis under the supervision of Dr. Rafael Montalvo. University of Puerto Rico, Mayagüez.

### **Undergraduate Research**

#### ***January 2001 to December 2002***

“Isolation of Extremophilic Microorganisms from the Solar Salterns of Cabo Rojo, Puerto Rico” Special Problem under the supervision of Dr. Rafael Montalvo. University of Puerto Rico, Mayagüez Campus.

### **PUBLICATIONS**

González-Espada, W; **Díaz-Muñoz, G**; Feliú-Mójer, Flores-Otero, J; Fortis-Santiago, Y; Guerrero-Medina, G.; Lopez, M; Colón-Ramos, DA; Fernández-Repollet, E. (2015) Assessing a Graduate School Science Recruitment Symposium. *Cuaderno de Investigación en la Educación*. 30:55-70. PMID: PMC4708887

**Díaz-Muñoz, G.**, Harchar, T., Lai, TP., Shen, KF, and A. K. Hopper. Requirement of the Spindle Pole Body for Targeting/Tethering proteins to the Inner Nuclear Membrane. *Nucleus* 2014 Jul 3; 5(4)

Guerrero-Medina G, Feliú-Mójer M, González-Espada W, **Díaz-Muñoz G**, López M, et al. (2013) Supporting Diversity in Science through Social Networking. *PLoS Biol* 11(12): e1001740

**Díaz-Muñoz, G.**, and R. Montalvo-Rodríguez. 2005. Halophilic Black Yeast *Hortaea werneckii* in the Cabo Rojo Solar Salterns: Its First Record for this Extreme Environment in Puerto Rico. *Caribb. J. Sci.* 41: 360-365.

### **PRESENTATIONS**

#### **Seminars and Panels**

**Díaz-Muñoz, G.** CienciaPR: Transforming the STEM Pipeline in Puerto Rico. Louis Stokes Alliance for Minority Participation Program. Online Seminar. April 2020

**Díaz-Muñoz, G.** Panel: Women Leadership in Sciences. Industrial Women’s Chapter Section: Stronger together at the 2018 Puerto Rico Manufacturer’s Association Convention. Isla Verde, PR

**Díaz-Muñoz, G.** Panel: “Alcance Comunitario”. “1er Congreso de NeuroBoricuas”. University of Puerto Rico-Medical Sciences Campus. May 26<sup>th</sup>, 2018. San Juan, PR

**Díaz-Muñoz, G.** Panel: “Educación y Comunicación Científica de la Investigación Clínica-Traslacional: De la Academia a la Comunidad.” University of Puerto Rico-Medical Sciences Campus. May 9<sup>th</sup>, 2018. San Juan, PR

**Díaz-Muñoz, G.** “Investigación, Ciencias y Negocios en Tecnología”. Inprende College Program. August 31<sup>st</sup>, 2017. Universidad Politécnica de Puerto Rico.

**Díaz-Muñoz, G.** Panel: Stories of Successful Carrier Paths. April 29<sup>th</sup>, 2017. SMPR Industrial Microbiology Interdisciplinary and Innovation Chapter. Universidad Interamericana de Puerto Rico, Bayamón.

**Díaz-Muñoz, G.** Increasing the Innovation Capacity of Puerto Rico. Invited Seminar. March 21<sup>st</sup>, 2017. University of Puerto Rico, Mayagüez.

**Díaz-Muñoz, G.** Panel: Transcending boundaries for the benefit of science, Puerto Rico and the world. Forward Research & Innovation Summit. September 17<sup>th</sup>, 2016. San Juan, PR

**Díaz-Muñoz, G.** “Periodismo y Ciencia en Puerto Rico”. Invited seminar at the Journalism Innovation course, University of Puerto Rico, Río Piedras. February 17<sup>th</sup>, 2016. San Juan, PR

**Díaz-Muñoz, G.** Panel: “Trayectoria profesional”: Después del PhD., ¿qué?” Invited by the Graduate Students Chemistry Association, University of Puerto Rico, Río Piedras. February 8<sup>th</sup>, 2016. San Juan, PR

**Díaz-Muñoz, G.** My favorite Model: Yeast as a Genetic Tool in Biomedical Research. Invited seminar at the Applied Microbiology course, University of Puerto Rico, Río Piedras. May 7<sup>th</sup>, 2015. San Juan, PR

**Díaz-Muñoz, G.** Advancing your scientific career. Invited by the Office of Diversity and Inclusion, The OSU College of Art & Sciences, the Puerto Rican Student Association, and the OSU SACNAS Chapter. The Ohio State University. November 6<sup>th</sup>, 2014. Columbus, OH.

**Díaz-Muñoz, G.** and Peter Angeletti. “Yeast Genetic Screen to Determine Host Cellular Factors Required in HPV Replication and Maintenance” Presented at: The Nebraska Center for Virology Journal Club, and the FlySwat Virology Meeting, Nebraska City, NE (March 2014).

**Díaz-Muñoz, G.,** Harchar, T., Lai, T., Boone, C. and A. K. Hopper. Analysis of Essential Yeast Proteins Reveals a New Mechanism for Inner Nuclear Membrane Targeting of Peripherally Associated Proteins. Seminar at: 2012 OSU Molecular Life Sciences Interdisciplinary Graduate Programs Symposium-OSU, at the OSU Cell Biology Group Meeting (May 2012), and as invited speaker at the University of Nebraska Lincoln (June 2012).

**Díaz-Muñoz G.** and A.K. Hopper. Protein Targeting to the Inner Nuclear Membrane: A Genome-wide Analysis. Invited to present at the Quantitative Imaging Methods Seminar Series at 2010 Yeast Genetics and Molecular Biology Meeting, British Columbia, Canada (July 2010).

**Díaz-Muñoz, G.** Protein Targeting to the Inner Nuclear Membrane: A Genetic analysis in *Saccharomyces cerevisiae*. Seminar at OSU Cell Biology Group Meeting (March 2009).

### **Posters**

**Díaz-Muñoz, G.** and Peter Angeletti. “Yeast Genetic Screen to Determine Host Cellular Factors Required in HPV Replication and Maintenance” Presented at: 114<sup>th</sup> American Society of Microbiology General Meeting, Boston, MA in May 2014.

**Díaz-Muñoz, G.** and Peter Angeletti. “Yeast Genetic Screen to Determine Host Cellular Factors Required in HPV Replication and Maintenance” Presented at: FlySwat Virology Meeting, Nebraska City, NE in March 2013 and Virology Symposium at University of Nebraska Lincoln, in October 2013.

**Díaz-Muñoz, G.,** Harchar, T., Boone, C. and A. K. Hopper. A possible role of the Spindle Pole Body in Protein Targeting to the Inner Nuclear Membrane. Presented at: 2011 OSU Molecular Life Sciences Interdisciplinary Graduate

Programs Symposium-OSU Columbus, OH in May 2011 and the 112<sup>th</sup> American Society of Microbiology General Meeting, San Francisco, CA in June 2012.

**Díaz-Muñoz**, Charlie Boone and A.K. Hopper. A Possible Link between the Yeast Spindle Pole Body and the Endoplasmic Reticulum. Presented at: 2010 Yeast Genetics and Molecular Biology Meeting, British Columbia, Canada in July 2010.

**Díaz-Muñoz, G.**, Harchar, T., Boone, C. and A. K. Hopper. Protein Targeting to the Inner Nuclear Membrane in *Saccharomyces cerevisiae*: Role of the Spindle Pole Body. Presented at: 2010 OSU Molecular Life Sciences Interdisciplinary Graduate Programs Symposium-OSU Columbus, OH in May 2010 and 2010 Yeast Genetics and Molecular Biology Meeting, British Columbia, Canada in July 2010.

**Díaz-Muñoz, G.**, Harchar, T., Boone, C. and A. K. Hopper. Protein Targeting to the Inner Nuclear Membrane: A Genetic analysis in *Saccharomyces cerevisiae*. Presented at: 2009 OSU Molecular Life Sciences Interdisciplinary Graduate Programs Symposium in May, 2009 and invited for presentation at The International Meeting on Nuclear Trafficking- Alberta, Canada in August 2009.

**Díaz-Muñoz, G.**, Harchar, T., Boone, C. and A. K. Hopper. Inner Nuclear Membrane Targeting: Possible Role of the Spindle Pole Body Components in *S. cerevisiae*. Presented at: Meeting on Dynamic Organization of Nuclear Function- Cold Spring Harbor Laboratory, NY in September, 2008.

Wagoner, J., **Díaz-Muñoz, G.**, and A. K. Hopper. Protein Targeting to the Inner Nuclear Membrane: Possible Roles of the Spindle Pole Body Components, and the ER protein Ice2. Presented at: Denman Undergraduate Research Forum- OSU, Columbus, OH in May, 2008.

**Díaz-Muñoz, G.**, H. Márquez-Reyes, W. Jimenez-Galarza and R. Montalvo-Rodríguez. Diversity of Ascomycetes at the Salt Pans of Puerto Rico Determined by Phylogenetic Analysis of Environmental 18S rRNA Gene Clones Libraries. Presented at: 106<sup>th</sup> American Society for Microbiology General Meeting-Orlando, FL in May 2006.

**Díaz-Muñoz, G.**, and R. Montalvo-Rodríguez. Determination of the Fungal Diversity present at a Hypersaline Environment in Cabo Rojo by Phylogenetic Analysis of Isolates and Environmental rRNA Genes Clone Libraries. Presented at: International Congress of Mycology -San Francisco, CA in July 2005.

**Díaz-Muñoz, G.**, and R. Montalvo-Rodríguez. The Occurrence of Halophilic Black Yeast *Hortaea werneckii* in the Cabo Rojo Solar Salterns. Presented at: VII Mycology Symposium – UPR Mayagüez in April 2005.

**Díaz-Muñoz, G.**, and R. Montalvo-Rodríguez. Fungal Diversity present at the Solar Salterns of Cabo Rojo, Puerto Rico determined by Internal Transcribed Spacers (ITS) Regions of rRNA Genes Clones Libraries. Presented at: VIII Sigma Xi Poster Day- UPR Mayagüez in April 2005 and 5<sup>th</sup> International Conference on Extremophiles-Maryland, USA in September 2004.

**Díaz-Muñoz, G.**, and R. Montalvo-Rodríguez. Taxonomical Studies of Fungi Isolated from a Hypersaline Environment in Cabo Rojo, Puerto Rico. Presented at: The External Advisory Board Meeting of NASA-PRSGC at UPR Río Piedras in February 2005 and the 104<sup>th</sup> American Society for Microbiology General Meeting-New Orleans, LA in May 2004.

**Díaz-Muñoz, G.**, and R. Montalvo-Rodríguez. Characterization of Filamentous Fungi from The Solar Salterns of Cabo Rojo, Puerto Rico. Presented at: First Caribbean Biotechnology Congress at Mayagüez, Puerto Rico in April 2003 and VIII Sigma Xi Poster Day- UPR Mayagüez in November 2002.

**Díaz-Muñoz, G.**, and R. Montalvo-Rodríguez. Isolation and Characterization of Halophilic Filamentous Fungi from the Solar Salterns of Cabo Rojo, Puerto Rico. Presented at: VII Sigma Xi Poster Day - UPR Mayagüez in April 2002 and Industrial Advisory Board Meeting – UPR Mayagüez in February 2002.

**REVIEWER**

Public Health-Related Research and Telemedicine Projects RFP. Call for applications. Puerto Rico Public Health Trust. (2020)

Post-Hurricane Maria Aid for Researchers Grant Program- call for applications. Puerto Rico Science, Technology and Research Trust, AAAS and Ciencia Puerto Rico (2017)

Letters of Intent for Science and Technology Grant-RFP call for proposals. Puerto Rico Science, Technology and Research Trust (2014)

Journal of Undergraduate Research (Joust)

## **AWARDS, RECOGNITIONS AND FELLOWSHIPS**

### **2019**

AAAS IF/THEN Ambassadorship

### **2017**

Motion of congratulation- Government of Puerto Rico Senate

### **2014**

ASM General Meeting Minority Travel Grant

2014 Distinguished Alumni- CROEM (high school)

### **2013**

Annual Biomedical Research Conference for Minority Students Judge Subsidy Award

2013-2014 American Society for Microbiology Science Teaching Fellows Program

SACNAS National Conference Postdoctoral Travel Scholarship

### **2012**

NIH Kirschstein NRSA Postdoctoral Training Fellowship (T32). Nebraska Center for Virology, UNL

112<sup>th</sup> American Society of Microbiology General Meeting Student Travel Award

Poster presentation honored in the category of Outstanding Student Poster Presentation at the 112<sup>th</sup> American Society of Microbiology General Meeting, San Francisco, CA

1st Place Seminar Presentation

2012 OSU Molecular Life Sciences Interdisciplinary Graduate Programs Symposium-OSU Columbus, OH

### **2011**

Best Poster Presentation

2011 OSU Molecular Life Sciences Interdisciplinary Graduate Programs Symposium-OSU Columbus, OH

Alternate and Honorable mention: Ford Foundation Dissertation Fellowship (The National Academies)

### **2010**

Honorable mention: ASM Robert D. Watkins Graduate Research Fellowship

### **2007 to 2010**

**Gretchen Diaz** (predoctoral trainee) and Dr. A. Hopper (PI). NIH Research Supplements Award to Promote Diversity in Health-Related Research: Yeast Genetics in RNA Processing & Nucleus/Cytosol Exchange. GM27930

### **2004 to 2006**

Puerto Rico Space Grant Consortium - NASA Fellowship for Graduate Students

**2001 to 2003**

RETO-PROMISE Award- Research Experiences and Training Opportunities program. Funds for undergraduate research under the supervision of Dr. Rafael Montalvo at University of Puerto Rico, Mayagüez Campus.

**PROFESSIONAL DEVELOPMENT**

**2014**

- Communicating Your Research to a Lay Audience. Workshop at the University of Nebraska, Lincoln
- Teaching Portfolio. Workshop at the University of Nebraska, Lincoln

**2013**

- Effective Research Presentations. Workshop at the University of Nebraska, Lincoln
- Research Writing Boot camp. Workshop at the University of Nebraska, Lincoln

**2005**

- Aquatic Hiphomycetes in our Ecosystem. Workshop at the University of Puerto Rico, Mayagüez.
- Medicinal and Comestible Mushrooms. Workshop at Interamerican University of Puerto Rico, Aguadilla

**2004**

Collection and Identification of Fungi in the Field. Workshop at the University of Puerto Rico, Mayagüez

**2003**

- A Field Guide to Genbank and NCBI Molecular Biology Resources by National Center for Biotechnology Information NLM-NIH. Workshop at University of Puerto Rico, Mayagüez
- Active Learning Strategies in a Biology Laboratory. Workshop at University of Puerto Rico, Mayagüez

**PROFESIONAL AFFILIATIONS**

**2019 to present**

American Association for the Advancement of Science (AAAS)

**2014 to present**

Puerto Rico Society of Microbiologists. Board of directors (Secretary elected, ASM counselor, President elect, President)

**2013**

Association for Women in Science (AWIS)  
Society for the Advance of Chicanos and Native American in Science (SACNAS)  
National Postdoctoral Association (NPA)

**2010 to 2012**

Genetics Society of America (GSA)

**2006 to 2012**

MCDB Graduate Student Association

**2004 to 2006**

Student Chapter of the Puerto Rican Society for Mycology

**2003 to present**

American Society for Microbiology (ASM)  
Board of directors (2017-18)



### **2003 to 2006**

Puerto Rican Society for Mycology (SPM)  
Mycological Society of America (MSA)  
American Phytopathological Society (APS)

## **VOLUNTEER WORK, COMMITTEE INVOLMENT AND EDUCATION INITIATIVES**

### **American Society for Microbiology (ASM)**

#### **2019**

Judge, 2019 Agar Art Contest

#### **2017 to present**

At large member, Board of Directors  
Member, ASM Anti-Harassment Task Force  
Member, Appointments committee  
Member, Governance committee

#### **2015**

Special committee for selection of candidates for new ASM's CEO

#### **2014 to present**

Co-host: "ASM ¡en Vivo!" First-time Spanish-only scientific section for the general public at the ASM General Meeting.

ASM Strategic Planning- Invited to participate in a special two-days section to discuss issues related to microbiology, public outreach, and science communication with scientists and communication professionals at the ASM Headquarters in Washington, DC. March 2014.

### **Puerto Rico Society of Microbiologists (ASM local branch)**

#### **2017 to 2018**

President - Board of Directors  
Member: Communications Committee  
Chair: Property and Archives Committee

#### **2016 to 2017**

President elect- Board of Directors  
Judge. Microbiology Students Symposium. October 15<sup>th</sup>, 2016 at Pontificia Universidad Católica de Puerto Rico.  
Chair- Annual Program Committee

#### **2015 to 2016**

ASM Council Representative-Board of Directors  
Chair: Communications Committee

#### **2014**

Secretary- Board of Directors  
Moderator and Judge. Microbiology Students Symposium. October 25<sup>th</sup>, 2014 at University of Puerto Rico, Mayagüez.  
Chair: Communications Committee

### **Scientific American Magazine**

#### **2014**

Voices: A blog to celebrate diversity- Board of advisors

### **"Casa Pueblo de Adjuntas"**

#### **2014**

Science laboratory organization/coordination at Institute for Biodiversity and Culture, Casa Pueblo, Adjuntas

Host of science radio segment (Spanish) for the general public: “*Agustín Stahl: Ciencia para el pueblo*” - at “Radio Casa Pueblo”, Adjuntas, P.R.

Guided tours for the general public at Casa Pueblo and “Bosque La Olimpia” Ariel Massol Deyá

### **University of Nebraska, Lincoln (UNL)**

#### **2013**

Member of the final evaluation panel for the 2013 Institute for International Teaching Assistants at UNL

Elected member of the Postdoctoral Advisory Council (PAC) at UNL

- Member: funding committee
- Member: outreach committee
- PAC Chair (2014)

#### **Presentation (as PAC representative)**

Allison J.R., Aoun B., Bryan N., **Díaz G.**, Fagan R.L., Fazi D., Gander P.E., Greising S. M., Grobe N., Linte C. A., Safayi S., Sonner P., Zamanian M. and Wilson N. The Midwest Postdoctoral Forum (MWPDF), an innovative model for regional collaboration among postdoctoral communities. Presented at: the National Postdoctoral Association Meeting, Washington University in St. Louis, in April 2014.

### **SACNAS**

#### **2013**

Judge: Poster and Oral presentations at 2013 SACNAS National Conference. San Antonio, Texas

### **Annual Biomedical Research Conference for Minority Students**

#### **2013**

Judge: Microbiology poster presentations at 2013 ABRCMS Meeting at Nashville, TN

### **The Ohio State University (OSU)**

#### **2009 to 2011**

Member of the OSU Molecular Genetics Department website committee

### **Ciencia Puerto Rico (CienciaPR, [www.cienciapr.org](http://www.cienciapr.org))**

#### **2008 to 2017**

- Volunteers coordinator
- Social media management
- Informal education and public engagement in science:
  - o Founder and coordinator/writer/editor of Blog section *Science is all around you*. Educational Blog in collaboration with José Almodóvar, MSc. (Microscopy Center, University of Puerto Rico Mayagüez).
  - o Founder and coordinator/writer/editor of Blog section “*Borinqueña*”. Blog for Puerto Rican and Hispanic Women in Science and Technology.
  - o Writer/editor featured CienciaPR monthly story
  - o Newspapers articles

### **Committees and activities at CienciaPR:**

#### **2014**

Assistance to the executive director in managing established collaborations with “Fundación Banco Popular” (science video productions and “Fomentando Alianzas” project).

CienciaPR Symposium for graduate students. Charting a Map for Success: Skills and Strategies for Graduate Students in Science and Engineering University of Puerto Rico Medical Sciences Campus, Rio Piedras, Puerto Rico. October 19<sup>th</sup>, 2013

## **2012 to present**

Puerto Rican Microbiology Mixer at the ASM General Meeting

- May 18<sup>th</sup>, 2014 at Boston, MA
- May 19<sup>th</sup>, 2013 at Denver, CO
- June 17<sup>th</sup>, 2012 at San Francisco, CA

CienciaPR website committee (design and content)

## **2011**

CienciaPR Symposium for undergraduate/graduate students: I want to be a scientist, now what? University of Puerto Rico Medical Sciences Campus, Río Piedras, Puerto Rico. September 24<sup>th</sup>, 2011

### **Presentations (CienciaPR)**

**Díaz-Muñoz, G.** Talking about science in culturally relevant ways. Invited by the Office of Diversity and Inclusion, The OSU College of Art & Sciences, the Puerto Rican Student Association, and the OSU SACNAS Chapter. The Ohio State University. November 6<sup>th</sup>, 2014. Columbus, OH.

**Díaz-Muñoz, G.** "Utilizando las redes sociales para promover la diversidad en las ciencias". Informatics and Telecommunications Week. October 22<sup>nd</sup>, 2014. Universidad Metropolitana, Cupey Puerto Rico

**Díaz-Muñoz, G.** "Escuela Graduada: Trampolín a una carrera científica". October 17<sup>th</sup>, 2014. University of Puerto Rico, Río Piedras.

**Díaz-Muñoz, G.** Road to a PhD: The Journey of a "Borinqueña". 2014 Puerto Rican Leadership Summit. October 6<sup>th</sup>, 2014. University of Central Florida, Orlando, FL

**Díaz-Muñoz, G.,** Valentín-Vargas, A., Díaz-Muñoz, S., Colón-Ramos, D., Feliú-Mójer, M., Pérez-Otero, J., Fortis-Santiago, Y., González-Espada, W.J., López, M., and Guerrero-Medina, G. Ciencia Puerto Rico: What do we do to connect Puerto Rican scientific diaspora? 2<sup>nd</sup> Puerto Rican Mixer at the 113<sup>th</sup> ASM General Meeting, May 19<sup>th</sup>, 2013, Denver, CO.

Guerrero-Medina, G; **Díaz-Muñoz, G;** Díaz-Muñoz, S; Feliú-Mójer, M; Flores-Otero, J; Fortis-Santiago, Y; González-Espada, W; López, M; Colón-Ramos, D.; Fernández-Repollet, E. Harnessing Social Networks to Increase Research Capacity and Science Literacy in Minority Communities. Poster presentation at the National Health Disparities Summit, December 2012, Washington, DC.

Guerrero-Medina, G; **Díaz-Muñoz, G;** Díaz-Muñoz, S; Feliú-Mójer, M; Flores-Otero, J; Fortis-Santiago, Y; González-Espada, W; López, M; Colón-Ramos, D. Increasing the Profile of Minority Science through Online Networks. Poster presentation at Research Centers at Minority Institutions Conference, December 2012, San Juan, PR.

Guerrero-Medina, G; **Díaz-Muñoz, G;** Díaz-Muñoz, S; Feliú-Mójer, M; Flores-Otero, J; Fortis-Santiago, Y; González-Espada, W; López, M; Colón-Ramos, D. Ciencia Puerto Rico: A Model for How Online Diasporas and Communities Can Work Together to Advance Science. Poster presentation at the Gordon Research Seminar and Conference, Science and Technology Policy. August, 2012, Waterville Valley, NH.

### **Puerto Rican Society for Mycology (PRSM)**

#### **2005**

Member of the organizing committee for the VII Mycology Symposium at the University of Puerto Rico, Mayagüez, Puerto Rico

#### **2004 to 2006**

Founder member of PRSM-RUM, Student Chapter of the Puerto Rican Society for Mycology

- Writer/Editor of *Conidium* Official Bulletin (2005-2006)
- Creator of special fund to support student's science activities in mycology
- Organizer of the 1<sup>st</sup> Mycology Day at the University of Puerto Rico, Mayagüez Campus.

- President (2005) and Secretary (2004)

### **Presentations (PRMS)**

**Díaz-Muñoz, G.** Environmental Genomics: Advances in Mycology. February 2006. PRSM-RUM Student Chapter Seminar at the University of Puerto Rico, Mayagüez Campus.

**Díaz-Muñoz, G.** Student Chapter of the Puertorican Society for Mycology. Poster presented at: VII Mycology Symposium – UPR Mayagüez in April 2005.

López-Ferrer, G. and **G. Díaz-Muñoz**. Knowing Fungi. January 2005. Science Week Workshop at “Segunda Unidad Antonio Reyes” Elementary School in Camuy, Puerto Rico.

**Díaz-Muñoz, G.** and M. Espola. Phytopathogenic Fungi. November 2004. PRSM-RUM Student Chapter Workshop at the University of Puerto Rico, Mayagüez Campus.