

**Puerto Rico Louis Stokes Alliance for Minority Participation  
17<sup>th</sup> Best Practice Conference on Teaching and Learning**

**Friday, October 26<sup>th</sup>, 2018  
Pontifical Catholic University of Puerto Rico (PCUPR), Ponce  
Monseñor Vicente Murga Theater**

***Practical Approaches in STEM Education and Research***

- 7:30-8:30am**      ***Registration and Breakfast***
- 8:30-9:00am**      ***Welcoming Remarks***  
***Jorge I. Vélez Arocho, Ph.D.***  
*President, PCUPR*  
***Presentation of Speakers***  
***Pablo A. Llerandi Román, Ph.D.***  
*PR-LSAMP, Assistant Director for Educational Research & Outreach*
- 9:00-9:45am**      ***Alberto A. Martínez, Ph.D.***  
*Department of History*  
*University of Texas at Austin*  
***Improved stories about Galileo and Darwin:***  
***How to fix historical myths in STEM Education***
- 10:00-10:45am**      ***Lilliam Casillas-Martínez, Ph.D.***  
*Department of Biology*  
*University of Puerto Rico-Humacao Campus*  
***Teaching to increase equity in STEM: Empowering underrepresented students***  
***using culturally-responsive strategies***
- 11:00-11:45am**      ***Wilson González-Espada, Ph.D.***  
*Department of Mathematics and Physics*  
*Morehead State University*  
***Publishable STEM Education manuscripts: A practical guide for research***  
***and dissemination at regional universities***
- 12:00-1:15pm**      ***Lunch***
- 1:15-2:30pm**      ***Poster Session on STEM education projects and programs***
- 2:30-2:45pm**      ***Presentations on Existing Programs and Interventions at PR***  
***Michelle Borrero, Ph.D. | University of Puerto Rico-Río Piedras***
- 3:00-3:15pm**      ***David Méndez, Ph.D. | Universidad del Turabo***
- 3:30pm**      ***Break***
- 3:45-4:00pm**      ***Josee Vedrine, Ph.D. | University of Puerto Rico-Humacao***
- 4:15pm**      ***Closing Remarks***  
***Pablo A. Llerandi Román, Ph.D.***

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**Saturday, October 27<sup>th</sup>, 2018  
Pontifical Catholic University of Puerto Rico, Ponce  
Madre Teresa de Calcuta Meeting Room**

***Practical Approaches in STEM Education and Research***

**7:30-8:30am**

***Registration and Breakfast***

**8:30-11:30am**

**Workshop on transforming existing STEM education programs  
and activities into proposals and publishable manuscripts**

***Lead by:***

***Wilson González-Espada, Ph.D.***

*Department of Mathematics and Physics  
Morehead State University*

***Alberto A. Martínez, Ph.D.***

*Department of History  
University of Texas at Austin*

***Lilliam Casillas-Martínez, Ph.D.***

*Department of Biology  
University of Puerto Rico-Humacao Campus*

***Pablo A. Llerandi Román, Ph.D.***

*PR-LSAMP  
Assistant Director for  
Educational Research & Outreach*

**11:30-12:00n**

***Lessons Learned & Closure***

***Pablo A. Llerandi Román, Ph.D.***