



**2021 NSF INCLUDES Symposium for  
ADVANCING Latinas in STEM Academic Careers**

**April 8 - 9 2021**

**Online**

*All sessions are in Central Daylight Time (CDT)*

**Zoom Mtg. ID: 706-413-7900**

**Day 1: Thursday April 8<sup>th</sup> 2021**

9:00am-9:45am CDT: Symposium Kick Off & Opening Keynote (Dr. Christine S. Grant)

*15 min. break*

10:00-11:00 am CDT: Session 1: Promising Practices for Enhancing Diversity, Equity, & Inclusion

*15 min. break*

11:15-12:15pm CDT: Session 2: Cutting Edge Research on Advancing STEM Latinas

12:15-1:15pm CDT: Poster Showcase & Lunch Break

1:15pm-2:00pm CDT: Day 1 Keynote (Dr. Erika Tatiana Camacho & Dr. Jessie DeAro)

*15 min. break*

2:15-3:00pm CDT: Panel 1: Personal Perspectives for Advancing STEM Latinas

3:00-3:15pm CDT: Closing Remarks

**Day 2: Friday April 9<sup>th</sup> 2021**

9:00am-10:00am CDT: Session 3: Best Practices for Enhancing the Pipeline/Pathways for STEM Latinas

*15 min. break*

10:15-11:00am CDT: Panel 2: Strategies for Supporting STEM Latinas

*15 min. break*

11:15am-12:15pm CDT: Break Out Sessions (A: GeoLatinas Sponsored Session & B: Professional Development)

12:15-1:00pm CDT: Poster Showcase & Lunch Break

1:00pm-2:00pm CDT: Day 2 Keynote (Dr. Abigail Stewart & Dr. Virginia Valian)

*15 min. break*

2:15-3:00pm CDT: Panel 3: Organizations Supporting Latinas in STEM

3:00-3:15pm CDT: Closing Remarks

Time	Event & Location	Description of Topics & Speakers
<b>Day 1: Thursday April 8<sup>th</sup> 2021</b>		
<b>9:00am-9:45am CDT</b>	<b>Day 1 Symposium Kick Off</b>  <b>(45 min.)</b>	<p><b>Introduction and Overview</b>  <b>Dr. Ala R. Qubbaj</b>, PI,  Dean of the College of Engineering &amp; Computer Science  The University of Texas Rio Grande Valley</p> <p><b>Welcome Remarks</b>  <b>Dr. Guy Bailey</b>, President, The University of Texas Rio Grande Valley</p> <p><b>Opening Keynote Presentation</b>  <b>Dr. Christine S. Grant</b>, Program Officer, NSF Broadening Participation in Engineering (BPE) Program</p>
<b>15-minute break</b>		
<b>10:00am-11:00am CDT</b>	<b>Day 1 Session 1</b>  <b>(60 min.)</b>	<p><b>Session 1: Promising Practices for Enhancing Diversity, Equity, &amp; Inclusion</b></p> <p>Moderator: <b>Dr. Patricia Nava</b>, Interim Dean, College of Engineering, The University of Texas at El Paso</p> <p><i>“From Survey Data to Action Steps: Institutional Reform for Women in STEM at an HSI”</i>  <b>Dr. Penelope Espinoza</b>, Associate Professor, Educational Leadership &amp; Foundations, The University of Texas at El Paso, Presentation  <b>Dr. Ivonne Santiago</b>, Clinical Professor, Civil Engineering, The University of Texas at El Paso</p> <p><i>“Increasing the Diversity of On-Campus Faculty Candidate Interview Pools while Decreasing the Frustrations of On-Campus Faculty”</i>  <b>Dr. Julia Fulghum</b>, Director, ADVANCE &amp; Associate Dean for Faculty Development, University of New Mexico  <b>Dr. Barbara Rodriguez</b>, Senior Vice Provost, University of New Mexico  <b>Teagan Mullins</b>, PhD Student, Department of Psychology, University of New Mexico</p> <p><i>“Promising Practices of STEM Professional Societies in Promoting Diversity, Equity, and Inclusion (DEI)”</i>  <b>Geraldine Gooding</b>, CSM, American Society for Engineering Education  <b>Dr. Leticia Vega</b>, Barry University in Miami, FL; American Society for Cell Biology and Alliance to Catalyze Change for Equity in STEM Success (ACCESS)  <b>Dr. Veronica Segarra</b>, High Point University, Amplifying the Alliance to Catalyze Change for Equity in STEM Success (ACCESS+)</p>
<b>15-minute break</b>		

<p><b>11:15 am-12:15pm CDT</b></p>	<p><b>Day 1 Session 2 (60 min.)</b></p>	<p><b>Session 2: Cutting Edge Research on Advancing STEM Latinas</b></p> <p>Moderator: <b>Dr. Christiane Spitzmueller</b>, Director of Industrial and Organizational Psychology Program, University of Houston</p> <p><i>“Women and the Challenges of STEM Professions: Thriving in the Chilly Climate”</i></p> <p><b>Tatiana M. Vera</b>, B.A. Teacher's College, Columbia University  <b>Patricia Arredondo</b>, Arredondo Advisory Group, Phoenix, AZ, and Fielding Graduate University  <b>Marie Miville</b>, Teachers College, Columbia University  <b>Dr. Christine Capodilupo</b>, Teachers College, Columbia University</p> <p><i>“Perceived Educational and Career Barriers of Latinas in STEM Majors at an Urban Public College”</i></p> <p><b>Dr. Lissette Delgado Cruzata</b>, Assistant Professor &amp; Co-Director, Program to Inspire Minority Undergraduates in Environmental Health Science Research (PRIMER), City University of New York, John Jay College  <b>Imani Hargett</b>, John Jay College of Criminal Justice</p> <p><i>“Las Comadres: A Longitudinal Study of a Latina Mentoring Program at a Tier 1 Hispanic Serving Institution”</i></p> <p><b>Dr. Ruth M. López</b>, Assistant Professor, Department of Educational Leadership &amp; Policy Studies, University of Houston</p> <p><i>“A Qualitative Study of the Experiences of Undergraduate Latina Students in Computing”</i></p> <p><b>Dr. Sarah L. Rodriguez</b>, Associate Professor, Higher Education &amp; Learning Technologies, Texas A&amp;M University-Commerce  <b>Daisy Ramirez</b>, Ph.D. Student, Research Analyst, Graduate School of Education and Information Studies, University of California, Los Angeles</p>
<p><b>12:15pm-1:15pm CDT</b></p>	<p><b>Day 1 Lunch Break &amp; Virtual Poster (60 min.)</b></p>	<p><b>Lunch Break &amp; Virtual Poster Session</b></p> <p>Facilitator: <b>Lisa Robertson</b>, Engineering Research Associate, The University of Texas Rio Grande Valley</p>
<p><b>1:15 pm-2:00 pm CDT</b></p>	<p><b>Day 1 Keynote (45 min.)</b></p>	<p><b>Introduction</b></p> <p><b>Dr. Marie T. Mora</b>, Co-PI, Provost, University of Missouri-St. Louis</p> <p><b>Keynote Presentation</b></p> <p><i>“The Role of Intersectionality in Gender Equity and Systemic Change”</i></p> <p><b>Dr. Jessie A. DeAro</b>, Program Officer, National Science Foundation (NSF) ADVANCE</p>

Dr. Erika Tatiana Camacho, Program Officer, National Science Foundation (NSF) ADVANCE and HSI Program

**15-minute break**

2:15pm-  
3:00pm  
CDT

Day 1  
Panel 1  
  
(45 min.)

**Panel 1: Personal Perspectives for Advancing STEM Latinas**

Moderator: Dr. Ala R. Qubbaj, Dean of the College of Engineering & Computer Science, The University of Texas Rio Grande Valley

Dr. Annmarie Caño, Professor of Psychology, Dean of Arts and Sciences, Gonzaga University

Dr. Karen Lozano, Professor in Mechanical Engineering at UTRGV, Julia Beecherl Endowed Professor, The University of Texas Rio Grande Valley

Dr. Marie T. Mora, Professor of Economics, Co-PI, Provost, University of Missouri–St. Louis

Dr. Patricia Nava, Interim Dean, College of Engineering, The University of Texas at El Paso

3:00pm-  
3:15pm  
CDT

Day 1  
Closing  
Remarks  
  
(15 min.)

**Closing Remarks**

Dr. Marci R. McMahon, NSF INCLUDES Administrative Fellow & Professor, The University of Texas Rio Grande Valley

&

Dr. Mayra L. Ortiz Galarza, Assistant Professor, The University of Texas Rio Grande Valley

**Day 2: Friday, April 9<sup>th</sup> 2021**

9:00am-  
10:00am  
CDT

Day 2  
Session 3  
  
(60 min.)

**Session 3: Best Practices for Enhancing the Pipeline/Pathways for STEM Latinas**

Moderator: Dr. Teresa (Paty) Feria Arroyo, Associate Dean, College of Science; Professor in Biology, The University of Texas Rio Grande Valley

*“Best Practices for Recruiting and Mentoring Underrepresented Minority Doctoral Students in STEM”*

Dr. Nancy Diaz-Elsayed, Assistant Professor, Department of Mechanical Engineering, University of South Florida

*“No Longer Isolated: Transforming Community For Latina Graduates in STEM”*

Laura Cristal Magaña, MPH, Smith/Zhang Lab, Genes and the Environment Laboratory, University of California, Berkeley

*“Preparing the Next Generation of Latina Scientists: Insights from The Mellon Mays Undergraduate Fellowship”*

Julia Shenkman, MPH, Northwestern University

**15-minute break**

10:15am-  
11:00am

Day 2  
Panel 2

**Panel 2: Strategies for Supporting STEM Latinas**

<b>CDT</b>	<b>(45 min.)</b>	<p>Moderator: <b>Dr. Marie T. Mora</b>, Co-PI, Provost, University of Missouri–St. Louis</p> <p><b>Dr. Cristina Villalobos</b>, Myles &amp; Sylvia Aaronson Endowed Professor; Associate Dean, College of Sciences, The University of Texas Rio Grande Valley</p> <p><b>Dr. Gabriella Sanguineti</b>, Research and Outreach Coordinator at the Program for Research Initiatives in Science and Math (PRISM), John Jay College of Criminal Justice</p> <p><b>Dr. Kaliris Salas-Ramirez</b>, The City University of New York School of Medicine</p> <p><b>Dr. Leah C. Neubauer</b>, EdD, MA, Assistant Professor, Northwestern University, Feinberg School of Medicine</p>
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**15-minute break**

<b>11:15am-12:15pm CDT</b>	<b>Breakout Sessions</b>  <b>(60 min.)</b>	<p><b>Breakout Session A: (GeoLatinas Sponsored Session)</b> <b>Turning the Tide: Using Our Stories to Create Change From Within for Success in STEM Academic &amp; Industry Careers</b></p> <p>Moderators:  <b>Dr. Rocío Caballero-Gill</b>, Mazak Academic Coaching, Co-founder &amp; Chair of Board of Directors for GeoLatinas, Brown University &amp; George Mason University  <b>Lina Camila Pérez-Angel</b>, PhD candidate, Department of Geological Sciences at the University of Colorado Boulder &amp; GeoLatinas Ambassador</p> <p>Speakers:  <b>Zaira R. Arvelo-Alicea</b>, Founder, Professional Writing &amp; Development  <b>Ana Maria Porras</b>, Co-Founder, LatinXinBME-LatinX Biomedical Engineers  <b>Diana Albarrán Chicas</b>, Aerospace Industry, Co-founder of Latinas in STEM</p> <p><b>Breakout Session B:</b> <b>Professional Development &amp; Tools for Enhancing Pipeline/Pathways for Latinas in STEM</b></p> <p>Moderator:  <b>Dr. April D. Hennis Marchetti</b>, Garnett-Lambert Professor of Chemistry, Randolph-Macon College &amp; Director, <i>Caminos a la Ciencia</i></p> <p>Speakers:  <b>Dr. Gretchen Diaz-Muñoz</b>, Director of the Science Education Program and Community Partnerships at CienciaPR  <b>Dr. Teresa (Paty) Feria Arroyo</b>, Associate Dean, College of Science and Professor in Biology, The University of Texas Rio Grande Valley</p> <p><i>“Cultivating the Next Generation of Latina STEM Teachers: How the UTRGV UTeach Program Prepares Latinas to Become Successful STEM Educators”</i></p>
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12:15pm-1:00pm CDT	<p><b>Day 2 Lunch Break &amp; Virtual Poster Session</b></p> <p>(45 min.)</p>	<p><b>Lunch Break &amp; Virtual Poster Session</b></p> <p>Facilitator: <b>Lisa Robertson</b>, Engineering Research Associate, The University of Texas Rio Grande Valley</p>
1:00pm-2:00pm CDT	<p><b>Day 2 Keynote</b></p> <p>(60 min.)</p>	<p><b>Welcome and Introduction</b></p> <p><b>Dr. Ala R. Qubbaj</b>, PI, Dean of the College of Engineering &amp; Computer Science, The University of Texas Rio Grande Valley</p> <p><b>Keynote Presentation</b></p> <p><b>Dr. Virginia Valian</b>, Distinguished Professor of Psychology, Hunter College</p> <p><b>Dr. Abigail J. Stewart</b>, Distinguished Professor of Psychology &amp; Women's and Gender Studies, University of Michigan</p>
<b>15-minute break</b>		
2:15pm-3:00pm CDT	<p><b>Day 2 Panel 3</b></p> <p>(45 min.)</p>	<p><b>Panel 3: Organizations for Advancing STEM Latinas</b></p> <p>Moderator: <b>Dr. Marci R. McMahon</b>, NSF INCLUDES Administrative Fellow, The University of Texas Rio Grande Valley</p> <p><b>Dr. Rocío Caballero-Gill</b>, Mazak Academic Coaching, Co-founder &amp; Chair of Board of Directors for GeoLatinas, Brown University &amp; George Mason University</p> <p><b>Diana Albarrán Chicas</b>, Aerospace Industry, Co-founder of Latinas in STEM</p> <p><b>Dr. Gretalyn Leibnitz</b>, Executive Director of ADVANCE Implementation Mentors (AIM) Network</p>
3:00pm-3:15pm CDT	<p><b>Closing Remarks &amp; Next Steps</b></p> <p>(15 min.)</p>	<p><b>Closing Remarks &amp; Next Steps</b></p> <p><b>Dr. Marie T. Mora</b>, Co-PI, Provost, University of Missouri–St. Louis</p>



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