

**Graduate STEM Fellows in K-12 Education (GK-12) Projects  
Annual Conference  
Hyatt Regency on Capitol Hill  
400 New Jersey Avenue, NW  
Washington, DC**

**Agenda**

## **Friday, March 11**

### **National Science Foundation**

1:30pm-3:30pm      **GK-12 Graduate Fellow Research Poster Session**  
Atrium

### **Hyatt Regency Capitol Hill**

**8:00am-4:00pm**      **Pre-Conference Workshop**  
*Lexington/Bunker Hill*      Presentation Bootcamp  
*Presenter: Richard Tankersley, Florida Institute of Technology*

**4:00-8:00pm**      **Registration Opens**  
Regency Foyer

Columbia A-C      **Poster Set up**  
*Boards will be numbered. Poster locator guides will be available at the Registration Desk.*

**6:00pm**      **Opening Session**  
Regency Ballroom      Welcome and Presentation  
Dr. Richard McCourt, Program Director, National Science Foundation  
Dr. Sonia Ortega, Program Director, National Science Foundation  
Dr. James Lightbourne, Director, Division of Graduate Education, National Science Foundation  
Dr. Joan Ferrini-Mundy, Assistant Director, Education and Human Resources, National Science Foundation

**6:45-8:00pm**      **Birds of a Feather Receptions**  
Graduate Fellows – Regency Ballroom  
K-12 Teachers – Thornton Room  
PIs, Co-PIs, Evaluators – Capitol Room  
Project Managers – Regency D  
Evaluators – Lexington

## **Saturday, March 12**

**7:30-8:30am**      **Continental Breakfast**  
Hall of Battles

**8:45-10:00am**      **Plenary Panel: Bringing Research to K-12 Classrooms: The Fellow, Teacher, PI Team**  
Regency Ballroom      *Presenters: Qiyam Tung (Fellow), Michael Herzog (Teacher), Joceline Lega (PI), University of Arizona; Ivan Lopez (Fellow), Shirley Martinez (Teacher), Gerardo Morell (PI), University of Puerto Rico; Lindsey Pierce (Fellow), Kathleen Singler (Teacher), Carol Stepien (PI), University of Toledo*

<b>10:15-11:30am</b>	<b>Workshops</b>
	<b>Strategies for Integrating Research into the Classroom</b> ( <i>10 different sessions</i> )
<b>Capitol B</b>	<b>Integrating the “Grand Challenges for Engineering in the 21<sup>st</sup> Century” into Secondary School Classrooms</b> <i>Presenters: Hanin Bearat (Fellow), Arizona State University; Alysa Buxton (Teacher), Santan Jr. High School; Todd Prichard (Fellow), Arizona State University; Jacelyn Rice (Fellow), Arizona State University; B.L. Ramakrishna (PI), Arizona State University</i>
<b>Bunker Hill</b>	<b>Integrating Summer Research Training Opportunities for Teachers and Students into Academic Year Class Time</b> <i>Presenters: Rocio P. Caballero (Fellow) and Karen Haberstroh (Co-PI), Brown University; Joseph Paliotti (Teacher), Hope High School</i>
<b>Congressional CD</b>	<b>Implementing a Junior Fellows Program: Translating Interdisciplinary Research to the Classroom</b> <i>Presenters: Steve Benoit (Fellow), Zach Cashero (Fellow), and Michael de Miranda (Co-PI), Colorado State University; Dan Wagner (Teacher), University High School</i>
<b>Congressional B</b>	<b>Authentic Research Modules: Integrating Fellows’ Research into Environmental Science in New York City High Schools</b> <i>Presenters: Zak Aidala (Fellow), Stephen Harris (Fellow), Rachel Meyer (Fellow), Chris Nagy (Fellow), and Victor Strozak (Co-PI), CUNY Graduate Center; Marissa Bellino (Teacher) and Park Holman (Teacher), High School for Environmental Science; Kelly Feeney (Teacher), Astor Collegiate Academy; Lauren Loizides (Teacher), Baruch College Campus High School</i>
<b>Bryce</b>	<b>Interdisciplinary Partnerships with Students and Teachers</b> <i>Presenters: Sana Ahmed (Teacher) Boca Raton Community High School; Susan Kenyon (Teacher), Olympic Heights Community High School; Keren Bolter (Fellow), George Reifenberger (Fellow) and Shawn Wilder (Fellow), Florida Atlantic University</i>
<b>Regency D</b>	<b>Molecular Biology Initiative: Bringing Real Science into High School Classrooms</b> <i>Presenters: Chris Evett (Fellow), Laura B. Regassa (PI), and Derek Tucker (Fellow), Georgia Southern University; Anne Newell (Teacher), Portal Middle High School</i>
<b>Yosemite</b>	<b>Computational Modeling to Enrich the Chemistry Curriculum</b> <i>Presenters: Dan Honbo (Fellow), Northwestern University; Ami LeFevre (Chemistry Teacher), Niles West High School</i>
<b>Concord</b>	<b>Measuring Income Inequality in Elementary and High School</b> <i>Presenters: Charles Collingwood (Teacher), Rincon High School; Jordan Schettler (Fellow), University of Arizona; Cassidy Larkin (Teacher), McCartney Ranch Elementary School; Victor Piercey (Fellow), University of Arizona</i>
<b>Yellowstone / Everglades</b>	<b>Facilitating the Integration of Research-Level Mathematics into the Classroom</b> <i>Presenters: Angela Brown (Fellow), Minerva Cordero (PI), James Epperson (Co-PI), Theresa Jorgensen (Co-PI), and Padmini Veerapen (Fellow), University of Texas Arlington; Kimberly Helixon (Mentor Teacher), Sam Houston High School; Kelli Randell (Mentor Teacher), Workman Junior High School</i>
<b>Lexington</b>	<b>Benefits and Challenges of Linking Fellows’ Research to Middle School Science Curriculum through Field-based Research Projects</b> <i>Presenters: Josh Emerson (Fellow), Tony Spitzack (Fellow), Sarah Whitley (Fellow), and Gretchen Rollwagen-Bollens (PI), Washington State U Vancouver; Meagan Graves (Mentor Teacher) and Charlene Shea (Teacher), Gaiser Middle School; Lorraine Williams (Earth Science Teacher), Alki Middle School</i>

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**Capitol A**                    **Preparing Fellows for the Classroom and the Future: What Works and What Doesn't**  
*Presenters: Stephanie Rivale and Janet Yowell, University of Colorado Boulder; Larry Johnson, Texas A&M Health Science Center; Lauren Kinsman-Costello (Fellow), Melissa Kjelveik (Fellow), Leila Desotelle (Fellow) and Tom Getty (PI), Michigan State University; Connie High (Teacher), Sandy Breitenbach (Teacher)*

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**Congressional A**            **How to Keep GK-12 Thriving at Your University**  
*Facilitators: Vikram Kapila, Polytechnic Institute of New York; Doug Levey, University of Florida*

**11:45am-12:45pm**            **Poster Session I**  
*Even numbers present.*

**1:00-2:30pm**                 **Luncheon and Keynote**  
*Speaker: David Pogue, NY Times Columnist*  
*Awards Presentation*

**2:45-3:45pm**                 **Poster Session II**  
*Odd numbers present.*

**4:00-6:00pm**                 **Sessions Organized by Project Role**

**Regency Ballroom**           **Graduate Fellows**  
*Presenters: Zoe Fonseca Kelly, Postdoctoral Fellow, University of Pennsylvania, and Chair, National Postdoctoral Association; Ric Weibl, Program Director, AAAS; GK-12 alumni TBA*  
*Facilitator: Daryl Chubin, Program Director, AAAS*

**Regency Foyer**               **K-12 Teachers (Field Trips to Area Museums)**  
*Facilitator: Tim Spuck, Einstein Fellow, NSF*

**Capitol A/B**                   **PIs and Co-PIs**  
*Facilitators: Sonia Ortega and Richard McCourt, Program Directors, NSF*

**Thornton Room**              **Project Managers**  
*Presentation: ICF Macro*

**6:00pm**                         **Dinner on your own**

## **Sunday, March 13**    *(Don't forget to "spring" ahead.)*

**8:00-9:45am**                 **Continental Breakfast**  
*Hall of Battles*  
*Last chance to look at posters. They must be removed by 10:30.*

**10:00-11:15am**              **Special Interest Sessions**

**Regency Ballroom**           **Ocean Science Education**  
*Presenters: Bob Chen (PI), University of Massachusetts Boston; Cheryl Peach (Co-PI), Scripps Institution of Oceanography*

**Bryce**                           **Inquiry in Rain Forests: Authentic Inquiry for Teachers and Students**  
*Presenter: Barbara Bentley, Course Leader, Organization for Tropical Studies*

**Capitol A**                      **Am I Making Myself Clear? Conceptualizing and Assessing Scientific Communication in the GK-12 Context**  
*Presenters: Thomas Fennwald (Fellow), Kathleen Marrs (PI), and Donald Meissner (Curriculum Coordinator), IUPUI; Rick Tankersley (PI), Florida Institute of Technology*

<b>Bunker Hill</b>	<b>Building a National Collaboration to Measure Elementary and Secondary Students' Attitudes about Science and Mathematics after GK-12</b> <i>Presenters: Julie Westerlund (PI), Texas State; Susan Hillman (Co-PI), U of New England; Brandy Wiegers (Co-PI) San Francisco State U</i>
<b>Capitol B</b>	<b>Web 2.0 and Multimedia Tools for Enhancing K-12 Learning</b> <i>Sam Dupont (Fellow) and Robert Bair (Fellow), University of South Florida; Sean Bignami (Fellow), University of Miami and Sasha Belinkie (Teacher) Allapattah Middle School); Adam Taylor (Teacher), Overton High School</i>
<b>Yosemite</b>	<b>School and Community Partnerships: Sharing Ways to Achieve Common Goals</b> <i>Michael Seymour (Fellow), Columbia University; Cristi Lagos (Teacher), Middle School 88</i>
<b>Regency D</b>	<b>Lessons Learned: Meeting the Challenges of a GK-12 Program</b> <i>Kenric Kesler (Project Manager), Andrew Paquette (Fellow) and Catherine Ueckert (PI), Northern Arizona University; Julie Vlieg (Teacher), Coconino High School</i>
<b>Congressional B</b>	<b>"Elluminating" Experiences: The Science Posse's Virtual Visits, Online Research Modules, and More!</b> <i>Lisa Kunza (Fellow), Dave McKenzie (Fellow), Megan Schnorenberg (Coordinator), and Jan Truchot (Coordinator), University of Wyoming; Kim O'Connor (Teacher)</i>
<b>Everglades</b>	<b>A University, Science Center, and Urban School Partnership: Measuring Success</b> <i>Karen Snetselaar (PI), St. Joseph's University; Dana Semos (Director of Children's Education), Wagner Free Institute</i>
<b>Congressional CD</b>	<b>Bringing Outdoor Education into the Classroom</b> <i>Karen Viskupic (PI), David Cannemela and Boise State University Fellows</i>
<b>Yellowstone</b>	<b>International Research Experiences in Egypt and India: An Overview</b> <i>Nathan Howell, University of Houston (Egypt and Tunisia); Ryan Hottle, Ohio State (India)</i>
<b>Congressional A</b>	<b>Using GPS and Digital Images to Teach Abstract Math and Inspire Students Towards Careers in Computer Science and Engineering</b> <i>Presenters: Jessica Alvarenga (Fellow), Victor Mejia (Fellow), Phanit Pollavith (Fellow) and Nancy Warter Perez (PI), California State University, LA</i>
<b>11:30am-12:00pm</b> Regency Ballroom	<b>Closing Remarks</b>
<b>12:00pm</b>	<b>Adjourn</b>