<table>
<thead>
<tr>
<th>Name</th>
<th>School</th>
<th>County</th>
<th>Project Title</th>
<th>Mentor(s)</th>
<th>Sponsor(s)</th>
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<tbody>
<tr>
<td>Bruce Boller</td>
<td>Bertie High School</td>
<td>Bertie</td>
<td>Improving Student Understanding of Evolution Across the High School Curriculum</td>
<td>Thomas Rossbach, Elizabeth City State University</td>
<td>National Science Foundation</td>
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<td>Shelley Casey</td>
<td>Eastern Alamance High School</td>
<td>Alamance</td>
<td>Saving the American Chestnut</td>
<td>Ron Sederoff, NC State University</td>
<td>National Science Foundation</td>
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<td>Travis Chapman</td>
<td>Panther Creek High School</td>
<td>Wake County</td>
<td>Investigating Alternative Energy Resources in Transportation</td>
<td>Pam Carpenter, NC Solar Center, NC State University</td>
<td>National Science Foundation</td>
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<td>Karina Colon</td>
<td>Carrboro Elementary School</td>
<td>Chapel Hill</td>
<td>I’m On a Diet and Proud of It: Nutrition through Math and Science</td>
<td>Carolyn Dunn, Debbie Stroud, NC State University</td>
<td>Goodnight Educational Foundation</td>
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<td>Derek Dennis</td>
<td>Rugby Middle School</td>
<td>Henderson</td>
<td>Scientific Inquiry of the Universe through Modern Technology</td>
<td>Michael Castelaz, Christi Whitworth, Dave Clavier, PARI; Kirsten Weeks, Cisco Systems</td>
<td>Cisco Systems Foundation</td>
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<td>Daniell DiFrancesca</td>
<td>Wakefield Middle School</td>
<td>Wake County</td>
<td>Critical Thinking in Science</td>
<td>Alan Karr, National Institute of Statistical Sciences</td>
<td>Statistical and Applied Mathematical Sciences Institute, National Institute of Statistical Sciences</td>
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<td>Jeffrey Edwards</td>
<td>Surry Early College High School</td>
<td>Surry</td>
<td>Literacy Strategies for the Science Classroom</td>
<td>Sara Zimmerman, Appalachian State University</td>
<td>National Science Foundation</td>
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<td>Jennifer Elmo</td>
<td>Sanderson High School</td>
<td>Wake County</td>
<td>Integrating Chemistry &amp; Algebra II Using Technology and Real World Applications</td>
<td>Lisa Bullard, NC State University</td>
<td>NSF Science and Technology Center at NC State</td>
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<td>Cinnamon Frame</td>
<td>McGee’s Crossroads Middle School</td>
<td>Johnston</td>
<td>Biotechnology in North Carolina Today</td>
<td>Robin Hyde-DeRuyscher, Biogen Idec</td>
<td>Biogen Idec</td>
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<td>Debra Hall</td>
<td>Bugg Creative Arts and Science Magnet School</td>
<td>Wake County</td>
<td>Bio-Music: The Sounds and Songs of Life</td>
<td>Sarah Carrier, Eric Wiebe, NC State University; David Teachout, Patricia Gray, UNC-Greensboro</td>
<td>National Science Foundation</td>
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<td>Lisa Hibler</td>
<td>Athens Drive High School</td>
<td>Wake County</td>
<td>Making Chemistry Relevant to High School Students</td>
<td>David Ollis, NC State University</td>
<td>National Science Foundation</td>
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<td>Rebecca Hite</td>
<td>Carrboro High School</td>
<td>Carrboro</td>
<td>Late Blight and the Irish Potato Famine</td>
<td>Jean Ristaino, NC State University</td>
<td>GlaxoSmithKline</td>
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<td>LeRoy Humphries</td>
<td>Fayetteville Technical Community College</td>
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<td>Forest Wildlife Management and Conservation</td>
<td>Susan Moore, Renee Strnad, NC State University; Jennifer Grantham, NC Forestry Association; Linda Holton, Weyerhaeuser TOSA</td>
<td>Weyerhaeuser Foundation</td>
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<tr>
<td>Laura Lewis</td>
<td>Wake County Public Schools</td>
<td></td>
<td>Adopting Lessons to Support Students with Severe Communication and Physical Disabilities</td>
<td>Karen Erickson, UNC-Chapel Hill; Patricia Porter, Center for Literacy and Disability Studies</td>
<td>NC Council on Developmental Disabilities and New Voices Foundation</td>
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</tbody>
</table>
Harold Mackin
Rochester High School
Thurston County Schools
State of Washington
Applying Genomics and Biotechnology to Tree Improvement
Mentors: Nicholas Wheeler, University of Washington; David Neale, University of California at Davis
Sponsor: National Science Foundation

Sonja McKay
Exploris Middle School
NC Charter Schools
Price Check: What is the True Cost
Mentor: William Beck, MWV
Sponsor: MWV

Dail Midgette
Millbrook High School
Wake County Schools
Understanding Data Mining: Helping Students and Teachers Extract, Organize, and Analyze Large Sets of Data
Mentors: Yufeng Liu, UNC-Chapel Hill; Helen Zhang, NC State University
Sponsor: National Science Foundation

Jeff Milbourne
NC School of Science and Mathematics
UNC System
Problem Based Learning in the Physics Classroom
Mentors: Nancy Shaw, Project Lead the Way, Duke University
Sponsor: National Science Foundation

Anna Miller
East Garner Magnet Middle School
Wake County Schools
Ecology of the Savanna-Forest Boundaries in Central Brazil
Mentor: William Hoffmann, NC State University
Sponsors: National Science Foundation and GlaxoSmithKline

Miriam Morgan
Southern School of Engineering
Durham County Schools
Engineering Skills through Problem Based Learning
Mentors: Nancy Shaw, Project Lead the Way, Duke University
Sponsor: National Science Foundation

Crystal Patillo
Bugg Creative Arts and Science Magnet School
Wake County Schools
Bio-Music: The Song and Sounds of Life
Mentors: Sarah Carrier, Eric Wiebe, NC State University; David Teachout, Patricia Gray, UNC-Greensboro
Sponsor: National Science Foundation

Susan Randolph
Wayne School of Engineering
Wayne County Schools
Wetland Ecology Insight through Field and Laboratory Study
Mentor: JoAnn Burkholder, NC State University
Sponsor: National Science Foundation

Celia Rowland
William G. Enloe Magnet High School
Wake County Schools
Understanding Data Mining
Mentors: Yufeng Liu, UNC-Chapel Hill; Helen Zhang, NC State University
Sponsor: National Science Foundation

Jenny Rucker
West Cary Middle School
Wake County Schools
Pumping and Moving through Fluids at Different Size: Mathematical Model to Describe Fluid Behavior
Mentors: Michael Minion, Laura Miller, UNC-Chapel Hill
Sponsor: Statistical and Applied Mathematical Sciences Institute, National Institute of Statistical Sciences

Lori Stroud
Clayton Middle School
Johnston County Schools
A Day in the Life: Exploring Biomanufacturing Careers
Mentor: Richard Lawless, BTEC
Sponsor: Biomanufacturing Training and Education Center

Amanda Warren
Wayne Early/Middle College High School
Wake County Schools
Applied Aquatic Ecology: Life in the Neuse
Mentor: JoAnn Burkholder, NC State University
Sponsor: National Science Foundation