



KENAN FELLOWS PROGRAM

FOR CURRICULUM AND LEADERSHIP DEVELOPMENT

Class of 2010

Bruce Boller

Bertie High School
Bertie County Schools
Computer Simulations of Species Extinctions
Mentor: Thomas Rossbach,
Elizabeth City State University

Shelley Casey

Eastern Alamance High School
Alamance County Schools
Saving the American Chestnut
Mentor: Ron Sederoff, NC State University

Travis Chapman

Panther Creek High School
Wake County Schools
From Oil to Electric, Investigating Alternative Energy Resources in Transportation
Mentor: Pam Carpenter, NC Solar Center,
NC State University

Karina Colon

Glendale-Kenly Elementary School
Johnston County Schools
I'm On a Diet and Proud of It: Nutrition through Math and Science
Mentors: Carolyn Dunn, Debbie Stroud,
NC State Cooperative Extension

Derek Dennis

Rugby Middle School
Henderson County Schools
Radio Astronomy and Interactive Technology
Mentors: Michael Castelaz, Christi Whitworth,
Dave Clavier, PARI; Kirsten Weeks, Cisco Systems

Daniell DiFrancesca

Wakefield Middle School
Wake County Schools
Critical Thinking in Science
Mentor: Alan Karr, National Institute of Statistical Sciences

Jeffrey Edwards

Surry Early College High School
Surry County Schools
Moving Beyond: Literacy Strategies for the Science Classroom
Mentor: Sara Zimmerman,
Appalachian State University

Jennifer Elmo

Sanderson High School
Wake County Schools
An Integrated Approach to Teaching Chemistry & Algebra II
Mentor: Lisa Bullard, NC State University

Loella Escantilla-Lapat

Bertie School of Science, Technology, Engineering, and Math
Bertie County Schools
Robotics and Engineering
Mentor: Akbar Eslami,
Elizabeth City State University

Cinnamon Frame

McGee's Crossroads Middle School
Johnston County Schools
Biotechnology in North Carolina Today
Mentors: Robin Hyde-DeRuyscher, Biogen Idec

Debra Hall

Bugg Creative Arts and Science Magnet School
Wake County Schools
Bio-Music: Project O.W.L. (Other Ways of Learning)
Mentors: Sarah Carrier, Eric Wiebe,
NC State University; David Teachout,
Patricia Gray, UNC-Greensboro

Lisa Hibler

Athens Drive High School
Wake County Schools
Making Chemistry Relevant to High School Students
Mentor: David Ollis, NC State University

Rebecca Hite

Chapel Hill High School
Chapel Hill - Carrboro Schools
Late Blight and the Irish Potato Famine
Mentor: Jean Ristaino, NC State University

LeRoy Humphries

Harnett Central High School
Harnett County Schools
Forest Wildlife Management and Conservation
Mentors: Susan Moore, Renee Strnad,
NC State University; Jennifer Grantham,
NC Forestry Association;
Linda Holton, Weyerhaeuser TOSA

Laura Lewis

Wake County Public Schools
Technology Resources for Children with Special Needs
Mentors: Karen Erickson, UNC-Chapel Hill; Patricia Porter, Center for Literacy and Disability Studies

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

Sonja McKay

Exploris Middle School
NC Charter Schools
Sustainable Stewards Through Science Literacy
Mentor: William Beck, MeadWestvaco

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

Jeff Milbourne

NC School of Science and Mathematics
UNC System
Problem Based Learning in the Physics Classroom
Mentors: Gigi Karmous-Edwards, MCNC; Nancy
Shaw, Project Lead the Way, Duke University

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

Miriam Morgan

Southern School of Engineering
Durham County Schools
Engineering Skills through Problem Based Learning
Mentors: Nancy Shaw, Project Lead the Way, Duke
University; Gigi Karmous-Edwards, MCNC

Nicole Murray

James Kenan School of Engineering
Duplin County Schools
*Understanding Infectious Diseases in Humans
and Animals*
Mentor: Matthew Koci, Jackie Hoffman,
NC State University

Crystal Patillo

Bugg Creative Arts and Science Magnet School
Wake County Schools
*Bio-Music: H.O.O.T.S. (Hoots of Owl Organisms
through Sound)*
Mentors: Sarah Carrier, Eric Wiebe,
NC State University; David Teachout,
Patricia Gray, UNC-Greensboro

Susan Randolph

Wayne School of Engineering
Wayne County Schools
Applied Aquatic Ecology
Mentor: JoAnn Burkholder, NC State University

Celia Rowland

William G. Enloe Magnet HS
Wake County Schools
Understanding Data Mining
Mentors: Yufeng Liu, UNC-Chapel Hill;
Helen Zhang, NC State University

Jenny Rucker

West Cary Middle School
Wake County Schools
*Pumping and Moving through Fluids
at Different Sizes*
Mentors: Michael Minion, Laura Miller,
UNC-Chapel Hill

Lori Stroud

Clayton Middle School
Johnston County Schools
*A Day in the Life: Exploring Biomanufacturing
Careers*
Mentor: Richard Lawless, BTEC

Amanda Warren

Wayne Early/Middle College High School
Wayne County Schools
Applied Aquatic Ecology: Life in the Neuse
Mentor: JoAnn Burkholder, NC State University

Corey White

Ligon Middle School
Wake County Schools
Space Resource Center for Teachers
Mentors: Chris Brown, Jobi Cook, NC Space Grant