

Denise Absher

Davie County Early College High School

Davie County Schools

Teachers Training Teachers, Region 7

Mentor: Heather Mullins, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Willow Alston

Hoke County High School Hoke County Schools

Teachers Training Teachers, Region 4

Mentor: Donna Albaugh, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Tomika Altman-Lewis

Burton Geoworld Magnet IB-PYP Elementary School

Durham Public Schools

Common Core Curriculum Design - Math/Science

Mentor: Barbara Bissell, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Lessie Anderson

Knightdale High School

Wake County Public School System Engineering Efficiencies in Education

Mentors: Jane Woodall, Lee Ann Parrott, EMC²

Sponsor: EMC²

Dr. Terry Anderson

Hoke County High School Hoke County Schools

Math and the Amazing Race

Mentor: Angela McNeill, Robeson Community College Sponsor: National Science Foundation Noyce Grant

Mildred Bankhead-Smith

West Pine Middle School

Moore County Schools

Developing an Integrated Course Learning Community Mentor: Dr. Erin White, Fayetteville State University Sponsor: National Science Foundation Noyce Grant

Dora Barron

Westover High School Cumberland County Schools Design Your Own Project

Mentor: Dr. Sambit Bhattacharya, Fayetteville State University

Sponsor: National Science Foundation Noyce Grant

Lauren Beeson

Durham School of the Arts Durham Public Schools Solar Energy for Space Travel

Mentor: Dr. Josiah Knight, Duke University

Sponsor: NASA Flight Fellowship

Geoff Belcher

Wake Forest – Rolesville High School Wake County Public School System

Common Core Curriculum Design - English Language Arts/Social

Studies

Mentors: Dr. Julie Joslin, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Tara Blalock

West Johnston High School Johnston County Schools

STEM Resources Library for Formal and Informal Educators

Mentors: Crystal Harden, Nicolas Hoffman, Morehead Planetarium

and Science Center

Sponsor: NASA Flight Fellowship

Bruce Bridges

Crest Middle School Cleveland County Schools Biotechnology in North Carolina

Mentor: Charles and Ann Edwards, Buffalo Creek Vineyard

and Winer

Sponsor: Golden LEAF Biomanufacturing Training

and Education Center (BTEC)

Elizabeth Bustle

Davie County High School
Davie County Schools

STEM and Lean Manufacturing

Mentor: Jerry Lakey, Lewis Anderson, Ingersoll Rand Sponsors: Ingersoll Rand, Mebane Foundation

Paul Cancellieri

Durant Road Middle School Wake County Public School System Global Collaboration in the Classroom Mentor: Kirsten Weeks, Cisco Systems, Inc.

Sponsor: Cisco Systems, Inc.

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Catherine Colangelo

North Johnston Middle School Johnston County Schools

Teachers Training Teachers, Region 3

Mentor: Mary Russell, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Dr. Stephen Colbert

Wake Early College of Health & Sciences Wake County Public School System

Improving Healthcare through Engineering in Health

and Life Science

Mentor: Dr. Robert Malkin, Duke University

Sponsor: National Science Foundation Research Experience

for Teachers

Lori Craven

Cedar Creek Middle School Franklin County Schools Statistics of Climate Change Mentor: Dr. Richard Smith, SAMSI

Sponsor: SAMSI

Marty Creech

North Davie Middle School Davie County Schools Innovations in Healthcare

Mentors: Allyson Komaschka, Anita Pulley, Wake Forest University

Baptist Medical Center

Sponsor: Wake Forest University Baptist Medical Center

Jennifer Deschoff

Wayne School of Engineering Wayne County Public Schools

Aviation & Aerospace Careers: Airplane Manufacturing Mentor: Thomas Greenwood, Spirit AeroSystems, Inc.

Sponsor: NASA Flight Fellowship

Danielle Flores

Ragsdale High School Guilford County Schools

Building a Workforce in Aerospace and Aviation

Mentor: Audrey Floyd, Guilford Technical Community College

Sponsor: NASA Flight Fellowship

Allison George

R.J. Reynolds High School

Winston-Salem/Forsyth County Schools Building a Workforce in Aerospace and Aviation

Mentor: Audrey Floyd, Guilford Technical Community College

Sponsor: NASA Flight Fellowship

Sharon Green

Caldwell Early College High School

Caldwell County Schools

Teachers Training Teachers, Region 7

Mentor: Kim Simmons, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Sheena Hamilton

Craven Early College Craven County Schools

Teachers Training Teachers, Region 2

Mentor: Mary Keel, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Diane Ireland

William R. Davie Elementary School

Davie County Schools

Logistics: More than Trucks and Trains

Mentors: Dave Hauser, Kathleen Patterson, North Carolina Center

for Global Logistics

Sponsor: Mebane Foundation

Austin James

Millbrook High School

Wake County Public School System Teachers Training Teachers, Region 3

Mentor: Gregory McKnight, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Mark Jankowski

Asheville Middle School Asheville City Schools

Teachers Training Teachers, Region 8

Mentor: Jan King, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Katherine Jiang

Glenwood Elementary School Chapel Hill-Carrboro City Schools

Theory Meets Practice: A Teacher's Reality Mentor: Michael Schmedlen, Lenovo

Sponsor: Lenovo

Marlin Jones

Panther Creek High School

Wake County Public School System

Common Core Curriculum Design – English Language Arts/Social

tudies

Mentor: Julie Joslin, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

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Jennifer Kearney

Pinecrest High School Moore County Schools

The Power of Statistics in the Math or Science Classroom

Mentor: Dr. Raymond Lee, UNC-Pembroke

Sponsor: National Science Foundation Noyce Grant

Thomas Kirkley

Martin Luther King Middle School Charlotte-Mecklenburg Schools Teachers Training Teachers, Region 6

Mentor: Jessica Garner, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Dr. Jeffrey LaCosse

Durham School of the Arts Durham Public Schools

Scientific Principles of Engine Assembly

Mentors: David Eatman, Jamie Stewart, GE Aviation

Sponsor: NASA Flight Fellowship

Kimberly Marone

Coats Elementary School Harnett County Schools

Common Core Curriculum Design – Math/Science

Mentor: Barbara Bissell, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Ashly Morrison

Grimsley High School
Guilford County Schools

Teachers Training Teachers, Region 5

Mentor: Dr. Francis Harris-Burke, NC Department of Public

Instruction

Sponsor: NC Department of Public Instruction

Allen Nice-Webb

Buncombe County Early College Buncombe County Schools

Teachers Training Teachers, Region 8

Mentor: Joyce Gardner, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Tara Nye

Albritton Junior High School

Department of Defense Education Activity, Fort Bragg

Green Our Schools

Mentor: Jon Parsons, Sustainable Sandhills

Sponsor: National Science Foundation Noyce Grant

Jill Oliver

Enloe High School

Wake County Public School System

Airport Engineering

Mentor: Teresa Damiano, RDU Airport Authority

Sponsor: NASA Flight Fellowship

Tracy Pendry

Shoals Elementary School Surry County Schools

An Elementary Science Lab Manual

Mentor: Jasmin Feimster, Surry Community College

Sponsor: Surry Community College

Karen Quick

D.H. Conley High School

Pitt County Schools

Teachers Training Teachers, Region 1

Mentor: Beth Edwards, Dianne Meiggs, NC Department of

Public Instruction

Sponsor: NC Department of Public Instruction

Ryan Redd

Myrtle Grove Middle School New Hanover County Schools Teachers Training Teachers, Region 2

Mentor: Robin Smith, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Melaine Rickard

Turrentine Middle School

Burlington-Alamance School System

Engineering the Grid

Mentor: Dr. Lisa Grable, The Science House, NC State University Sponsor: National Science Foundation – FREEDM Center, NC State

University

Russell Sparks

East Wilkes Middle School Wilkes County Schools

Aerospace Technology for STEM Education
Mentor: Lyndell Duvall, Wilkes Community College

Sponsor: NASA Flight Fellowship

Dianna Stavros

Mills Park Elementary School

Wake County Public School System

Computational Science and 21st Century Skills

Mentor: Jennifer Houchins, Shodor Sponsors: GlaxoSmithKline and Shodor

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Sharon Stephens

Carver Middle School Scotland County Schools Design Your Own Project Mentor: Dr. Gayla Keesee,

Fayetteville Technical Community College

Sponsor: National Science Foundation Noyce Grant

Nicole Strickland

Red Springs High School Public Schools of Robeson County Teachers Training Teachers, Region 4

Mentor: Dr. Rachel McBroom, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Carol Taylor

Hanes Magnet School Winston-Salem/Forsyth County Schools Aviation Safety

Mentor: Dr. Kunigal Shivakumar, Center for Aviation Safety,

North Carolina A&T State University Sponsor: NASA Flight Fellowship

Martha Tedrow

Thomas Jefferson Middle School Winston-Salem/Forsyth County Schools *Teachers Training Teachers, Region 5* Mentor: Robert Sox, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction

Jeff Walter

Gray Stone Day School NC Charter School Innovative Curriculum in STEM Education

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Mentor: Mary Ann Lila, Plants for Human Health Institute,

NC State University

Sponsor: National Science Foundation Research Experience

for Teachers

Pamela Weghorst

Ardrey Kell High School Charlotte-Mecklenburg Schools Teachers Training Teachers, Region 6

Mentor: Jessica Garner, NC Department of Public Instruction

Sponsor: NC Department of Public Instruction