Order of Ceremony

Processional

Welcome

Opening Remarks

Presentation of Doctoral Degrees

Educational Leadership, Policy, and Human Development
Science, Technology, Engineering, and Mathematics Education
Teacher Education and Learning Sciences

Remarks to Doctoral Degree Recipients

Presentation of Doctoral Dissertation Awards

Presentation of Master's Degrees

Educational Leadership, Policy, and Human Development
Science, Technology, Engineering, and Mathematics Education
Teacher Education and Learning Sciences

Remarks to Master's Degree Recipients

Presentation of Bachelor's Degrees

Science, Technology, Engineering, and Mathematics Education
Teacher Education and Learning Sciences

Remarks to Bachelor's Degree Recipients

Presentation of Undergraduate Awards

Closing Remarks

Recessional
DOCTOR OF EDUCATION

Curtis Matthew Brower
Educational Administration and Supervision
What are the Practical Leadership Activities and Behaviors of School Principals and District Leaders that Develop a Growth Mindset Environment in Schools? (Under the direction of Professor Timothy Drake.)

Kimberly Rachelle Lane
Educational Administration and Supervision
District-Level Strategic Magnet Program Operation: A Systems’ Theory-Guided Exploratory Case Study. (Under the direction of Professor Jennifer Ayscue.)

Jonathan Edward Loss
Community College Leadership
The North Carolina Comprehensive Articulation Agreement: A Difference-in-Differences Analysis of Applicable Credit. (Under the direction of Professor James Bartlett.)

Kimberly Snyder Pavlic
Educational Administration and Supervision
A Phoenix School: Accountability, Change, and Achievement. (Under the direction of Professor Lance Fusarelli.)

Colleen Ramsden
Educational Administration and Supervision
The Impact of an Executive Function Intervention on Fifth-Grade Students. (Under the direction of Professor Lance Fusarelli.)

Lacey Elizabeth Seaton
Educational Administration and Supervision
Principals’ Understanding of Equity and Social Justice Practices in Education: A Mixed Methods Study of the Perceived Barriers and Supports Necessary to Achieve Equitable Outcomes. (Under the direction of Professors Bonnie Fusarelli and Lance Fusarelli.)

DOCTOR OF PHILOSOPHY

Jerry Warren Bryant
Educational Leadership, Policy, and Human Development
Executive Mentorship Experiences via Leader-Member Exchange: A Phenomenology. (Under the direction of Professors James Bartlett and Carol Warren.)

Amanda Elizabeth Danks
Educational Leadership, Policy, and Human Development
Impact of a Digitally Focused Districtwide Turnaround Model: Lessons From a North Carolina District. (Under the direction of Professor Stephen Porter.)

Amy Elizabeth Duffy
Educational Leadership, Policy, and Human Development
Sexual Violence, Multicultural and Social Justice Counseling Competencies, and Feminist Theory: A Regression Analytics of Rape Myth Acceptance. (Under the direction of Professor Marc Grimmett.)

Jamie Gustava Gillespie
Educational Research and Policy Analysis
Framing Strikes: A Media Analysis of Two Teacher Strikes. (Under the direction of Professor Lance Fusarelli.)

Iwinoa O. Idahor
Educational Research and Policy Analysis
Cultivated at Home: An Interpretative Phenomenological Analysis of the Experiences of Black Homegrown Teachers and the Reimagining of Mainstream Ideas of Quality Teaching (and Teacher and Community Engagement). (Under the direction of Professors Lisa Bass and Anna Egalite.)

Christopher Ryan Knight
Educational Research and Policy Analysis
A Qualitative Case Study of How Community Colleges Undertake Transformational Change to Build Institutional Capacity and Increase Student Success. (Under the direction of Professor Audrey Jaeger.)

Heidi Noelle McCann
Educational Research and Policy Analysis
Community College Instructor Experiences with Employability Skills Curricula: A Phenomenological Study. (Under the direction of Professor Diane Chapman.)

Erik Sean Messinger
Educational Leadership, Policy, and Human Development
The Intersectionality of a First Responder and Counselor: An Autoethnography Exploring First Responder Mental Health. (Under the direction of Professor Sylvia Nassar.)

Rasha Mohamed
Counselor and Counselor Education
A Phenomenological Study: The Lived Experience of Latina immigrants as they seek employment while living in the southeastern United States. (Under the direction of Professor Stanley Baker.)

Ezinne Debra Ofoegbu
Educational Leadership, Policy, and Human Development
"Being a Black woman means strength": An exploration of the college experiences and identity of Black women student-athletes at predominantly White institutions. (Under the direction of Professor Joy Gayles.)

Samantha Jo Simon
Educational Leadership, Policy, and Human Development
How Well Are Our Graduates? An Interpretative Phenomenological Investigation of Wellness Training, Perceived Wellness, and Barriers to Wellness Practices of Entry-Level Clinical Counselors. (Under the direction of Professor Sylvia Nassar.)

*Summer graduate
DOCTOR OF PHILOSOPHY

Joshua Benton Griffin
Mathematics Education
An Investigation of Middle School Mathematics Teachers’ Perceptions, Analyses, and Uses of Formative Interim Assessment Data. (Under the direction of Professor Karen Keene).

Dorothy Talley Holley
Science Education
Investigating Factors Impacting Commitment and Retention of Mid and Late Career High School Science Teachers in North Carolina. (Under the direction of Professor Soonhye Park).

Shana Lee McAlexander
Science Education
Investigating Undergraduate Career Development Experiences to Support Historically Underrepresented Science and Engineering Students. (Under the direction of Professor Margaret Blanchard).

Amber E. Smith
Mathematics Education
Personal and Environmental Factors that Impact the Success of African-American High School Students in Mathematics. (Under the direction of Professor Karen Keene).
DOCTOR OF PHILOSOPHY

Donna Lynn Hawkins
Curriculum and Instruction
Creativity Time: A Case Study of Adolescent Multidimensional Composition. (Under the direction of Professor Angela Wiseman.)

Casey Holmes
Teacher Education and Learning Sciences
Your Generation Is Going To Do This Right: A Qualitative Case Of Critical Citizenship Education In An Eighth Grade Social Studies Classroom. (Under the direction of Professors Meghan Manfra and Paula McAvoy.)

Sarah Marina Kessler Karamarkovich
Teacher Education and Learning Sciences
Trends and Patterns in Mathematics Motivation During Elementary School: Combining Variable-Centered and Person-Centered Approaches. (Under the direction of Professors DeLeon Gray and Teomara Rutherford.)

Tamika LaShaye McElveen
Teacher Education and Learning Sciences
Profiles of Communal Socialization: African American Students’ Perceptions Of The Communal Values Taught In Mathematics Classrooms. (Under the direction of Professor DeLeon Gray.)

Janet Kim Outlaw
Teacher Education and Learning Sciences
Rural Elementary Teachers’ Perceptions and Enactments of Dialogic English Language Arts Comprehension Instruction Amidst Pandemic-Induced Remote Learning. (Under the direction of Professor Jill Grifenhagen.)

Jessica Vandenberg
Teacher Education and Learning Sciences

Heather Mary West
Teacher Education and Learning Sciences
Using Growth Patterns to Simultaneously Promote Elementary Students’ Multiplicative Reasoning and Early Algebraic Thinking: An Examination of Children’s Thinking, Teachers’ Perspectives, and Curriculum. (Under the direction of Professor Temple Walkowiak.)
MASTER OF EDUCATION

Adult and Community College Education
Michele Strausbaugh Harris
Christine Marie Wood

Clinical Mental Health Counseling
Madison Brooke Alvarez
Kristina Marie Bastone-Baker
Briana Mone’ Campbell
Kaitlin N. Duren
Kyoko Funabashi
Zakiya Futrell
Michael Eugene Gross
Shaunacee Harris
Emily Jade Jerome
Sherika Aldameka Lee
Sybil Anne McCarrol
Brent Michel
James Richard Moran
Robert Elliott Owens
Pamela Perrier
Nichole Renee Plavec
Erin Dawkins Suwattana

College Counseling and Student Development
Ramchandra Athavale
Haley Edwards Barker
Kayla Leigh Bethea
Kayela Elizabeth Buffaloe
Ashtyn Nicole Coates
Juan Manuel Cortes
Zakiya Covington
Gloria Vann Debnam
Georleena Elsie Douglas
Amber Christine Lovell
David Alvarado Rashidi
Mackenzie Gayle Reaves
Pamela Tingley Rose
Patrick Clayton Stephenson
Lindsay Brooke Veros

Higher Education Administration
Lauren Elizabeth Arsena
Gavin Bell
Chad Emerson Butts
Lindsay Marie Charters

Gretchen Harte Curry
Olivia Evans
Madeline Greenberg
Shelsey Alexis-Drew Hall
Mariah Edith Henderson
Julia Ahren’s Hoffman
Paige Danielle Johnson
Rokiatou Kaba
Mariah Neibert
Courtney Ray
Paul Martin Schnorenberg
Samantha Danielle Sillaman
Devin Sweeney

School Counseling
Grace Ashburn
Katherine Frances Carbocci
Fiona Grace Castorina
Erin Elizabeth Clancy
Harper C. Dabagian
Cameron Elizabeth Dixon
Ruowei Fang
Claire Elizabeth Foster
Tracey Renee Gardner
Abigail Rose Gooding
Lacey Adair Hope
Taylor Grace Sauls
Sarah Schuetz
Jason Dwayne Smith
Kaitlyn Veronica Wellbock

Training and Development
Christopher Lee Allen
Benjamin Byrne
Kathleen Rock Dunn
Ahkiya Phyneice Edmonds
Valeri Bernard Felton II
Jacklyn Hardy
Lisa Michelle Heck
Amber Horton
Karen Walser Humphrey
Boon Hong Jin
Lawrence Blake Jones
Meaghan Cynthia Kerwin
William Bennett Marlow
Kimberly Grace McHugh
Sonya McLamb
Charles Palmer
Candice Leigh Pierce
Ryan Elizabeth Portner
Lauren Cullum Sebold
Donna Reilly Shaw
Camilla Smith
Larry Gregory Smith

MASTER OF SCHOOL ADMINISTRATION

Donisha Joy Barnes
Zoraida Esther Bennett
Derek Cobb Jr.
Jennifer Lynn Crisco
Charlie Davis
Michelle J. Fournier
Taneeka Hanna
Danielle Howard
Karessa Lynette Ishmell-Lattimore
Ryan Joseph Kulikowski
Nerey Lane
Tiffany Nicole Long
Charelle Patrice Lovett
Emily Adara Makay
Candice Hunter McCaskill
Amanda Marie Kapiioho Morton
Marissa R. Smith
Emem Thompson
Graham Alexander Witherspoon

*NC Principal Fellows
MASTER OF EDUCATION

Engineering and Technology Education
Marcia Andreia Martins Ferreira
Marcus Ashanti McIntosh Green

Mathematics and Statistics Education
Ivy Blaine Briggs
Tabitha Marie Moore
Amanda Pierce
Hamid Reza Sanei

Science Education
Eboni Allen
Katie Finger Andrews
Kennedy Sierra Brinson
Cristian Thomas Carneiro
Grace Powell Carroll
Evan Cooper
Michael Dion Lewis
Paola Andrea Medina
Tholeathcus A. Raiford
Ashley Danielle Smalls
Deirdre Elizabeth Smith

Technology Education
Irfan A. Azam

MASTER OF ARTS IN TEACHING

Science Education
Courtney Elise Callaghan
Shelby Condron
Cameron Nicole Good
Carl William Hintz
Vinutha Ravinageswaran
Leila Siwan

MASTER OF SCIENCE

Mathematics Education
Margaret Leak Borden*¹
Dagmara Ciliano
Sarah Elizabeth Stokely
MASTER OF EDUCATION

Curriculum and Instruction-Educational Psychology
Taylor Nicole Cummings

Curriculum and Instruction, New Literacies and Global Learning—Reading Education
Antwan Brown
Billie Jo Daughtry
Kimberly Nicole Harry
Rachael Hayes
Mariah Jackson
Cameron Elizabeth Johnston
Jessica Kues
Kristin Elizabeth Nance
Brittany Elizabeth Regan
Laura Sloan
Amy Sudol
Denise Sumner
Jasmine Voss

Curriculum and Instruction, New Literacies and Global Learning—Social Studies Education
Vashawn Bond Daniels
Lindsey Susanne McDermott
Megan North Hogan
Palmer Henri Phillips

Digital Learning and Teaching
William Robert Parker

Elementary Education
Julie Ann Arellano
Jessica Lauren Ballance

Learning Design and Technology
Maria Dell Almedina
Angela Lea Bates
Brittany Lynn Branch
Lauren Clossey
Ivy Dale Cody
Whitney H. Jones
Brooke Ashley King
Jeanne Marie McClure
Kaitlin Perry Page
Alexandria Simone Pitts
Ernesto Sotelo Dopico
Leslie Ann White

MASTER OF ARTS IN TEACHING

Elementary Education
Lauren Bateman
Alex Elizabeth Collins
Haley Sheridan Creech
Shana Stevenson Cumberworth
Joshua Hawkins
Jacqueline Paige Hudson
Tiffany Amber Johannes
Alicia Türkkan Köylü
Briana Renee Lingle
Rachel Diamond Lopes
Emily Rose Mullen
Mehrunissa Owens
Emily Anne Thomas
Christina Ragan Vasiloff
Kara Dione Walker
Meghan Wilson
Kelsey Yellets

English Education
Brooke Amber Colna
Rebecca McDowell Edmondson
Jana Froehle
Chattie Elaine Kellogg
Mariah Lindsey
Megan Catherine Mansfield
Camara Danielle Teer Pruett
Mandy Hazel Reid
Samaria Warsaw

English Second Language Education
Stacey Anne Bates
Yuman Wang

Middle Grades Education
Mounia Chmali
Lisa Cromwell
Rachel Leah Davis
Sabrina Nicole Nelson
Carter Raymond Page

Social Studies Education
James George Bitzes
Ashley Brewster
Devlin Shawn Chance
McKenna Blair Crockett

'Summer graduate
Emily Renee Ek
Kyle Elliott
Connor John Gibbons
Marilyn Denyce Hall
Miranda Lupski
Cade Jeremiah Pace
Claire Adelaide Smith
Garrett Spencer

Special Education
Susanna Grace Gaster
Catherine Juliette Sessoms
Courtney Smith
Rachel Diana Widmark
BACHELOR OF SCIENCE

Mathematics Education
Kayla Lynn Ashburn
Sarah Emily Colurciello
Abigail Stefani Earp
Breanna Ollie Goins
David Grant
Samuel James Hammett
Giovanny Hernandez
Elise Renee Herring
Michelle Jun Parsons Koop
William Michael Pequigney
Alexandra Mabel Prager
Cambria Katherine Rotondo
Audrey Marie Roy
Kevin Thomas Tohak
Lindsey Clare Wood

Science Education
McKenzie Alford
Jessica Baez
Lauren Hadley Blankenship
Sarah Meghan Brown
Hannah Elizabeth Ehmann
Jacob Charles Hackim
Nathan Jacob Hill

Technology, Engineering, and Design Education
Mekensie Olivia Bostic
Blake Boyles
Drake Ryan Brown
Junpai Kitazumi Dowdy
Isabella Forst
Joshua Sergey Guter
Aiman Diaa Hussein
Nicholas Judah Hynes
Dong Hyun Kim
Yehee Kim
Nathan Lacivita
Brandon Lawrence
Jonathan Caleb Leonard
Rebecca Ross
Liam Xavier Ryan
Nicholas Paul Schwankl
Matthew Randall Stewart
Emily Paige Stuelke
Yifan Wang
Natalie Marie Warner
Sung Gun Yang
Sharon Yoo
Ziye Yu
BACHELOR OF SCIENCE

Applied Education Studies
Shelby Nicole Adcock
Madeline Nicole Curtis* 
Shea Morgan Edwards* 
Amanda Marie Fletcher 
Laura E. Ganson 
Mackenzie Catharine Gibbon** 
Iman Lafi* 
Kyle Thomas Lynch 
Molly M. Marshall*** 
Bryce Alexander McCulley 
Michael Christian Miracco 
Quoc-Huy Ngoc Nguyen 
Mary Kaitlyn Noblitt** 
Kydall A. Owens’** 
Wendy Jasmin Recinos* 
Breielle A. Sheller’ 
Leiah Camille Tamaki***

Elementary Education
Sayonna Adams*** 
Krista N. Baldwin*** 
Margaret Banks 
Emily Ann Barrett* 
Toria Marie Bennett*** 
Lauren Rae Blanton”*** 
Amanda Rose Brennan*** 
Mackenzie Laurel Brown:<*** 
Jessica Burke*** 
Eileen Emerson Casler*** 
Kathleen Jean Chappell*** 
Rebecca Morgan Churchill*** 
Sarah Rose Coucoulas* 
Ashley Morgan Diiorio* 
Kelsey Lee Douglas*** 
Rebecca Elizabeth Dyke*** 
Matthew John Falcone 
Carrie Olivia Foster*** 
Meagan Alexandria Gore” 
Mikayla Green” 
Caroline Susan Griffith*** 
Brooke Lauren Gupton*** 
Kara Marie Horton*** 
Rachel Paige Hulicki*** 
Kayleigh Angela James*

Mariam Hammoud Jarouch*** 
Kimberly Ann Johnson*** 
Ashley Elizabeth Kreider*** 
Madelyn Lena Leen*** 
Brooke Suzanne Leithhead*** 
Emily Ann Lindsay*** 
Katherine Braswell Lynch’ 
Caitlin Elizabeth Martinez*** 
Cooper Gray Migden** 
Megan Elizabeth Mobley*** 
Sarah Elizabeth Morse” 
Kaitlyn Oakley*** 
Jessika M. Patel*** 
Carson Paige Smith*** 
Jennifer Noel Thomason* 
Josie Lynne Thompson*** 
Amanda Penniman Thompson*** 
Lauren Elizabeth Trader* 
Anna Kathryn Turner* 
Macayla Ann Tyndall*** 
Courtney May Weathers*** 
Hannah Weyher 
Emma Barrett Wilson***

Middle Grades Language Arts and Social Studies Education
Helena Constance Boehling*** 
Emma Carlson* 
Noelle Castillo* 
Jennifer Ann Curry*** 
Seth Alan Daniel*** 
James Daniels*** 
Lauren Anne Diaz** 
Amaya Dicker 
Michael Shawn Ervin’ 
Treasure Serenity Gnash’ 
Sophia Kathryn Hackett*** 
Alaina Nicole Hils 
Samantha Elizabeth Lara-Pennella 
Michael Walter Lee 
Shelby Jennette Lewis*** 
Kinsey Lauren Moritz*** 
Ky-Lee Lynn Perry* 
Cheyenne Alexis Jane Quarless***

*Cum Laude **Magna Cum Laude ***Summa Cum Laude *Summer Graduate +Goodnight Scholars ^University Scholars

12
Outstanding Doctoral Dissertation Awards

Department of Educational Leadership, Policy, and Human Development
Ezinne Ofoegbu
Dissertation Title: "Being a Black Woman Means Strength": An Exploration of the College Experiences and Identity of Black Women Student-Athletes at Predominantly White Institutions
Under the direction of Professor Joy Gaston Gayles.

Department of Science, Technology, Engineering, and Mathematics Education
William Matthew Reynolds*
Dissertation Title: From Fractured to Structured: A Study Examining the Characteristics of PCK and PCK Development of Preservice Science Teachers in an Undergraduate Teacher Preparation Program
Under the direction of Professor Soonhye Park.

Department of Teacher Education and Learning Sciences
Sarah Kessler Karamarkovich
Dissertation Title: Trends and Patterns in Mathematics Motivation During Elementary School: Combining Variable-Centered and Person-Centered Approaches
Under the direction of Professors DeLeon Gray and Teomara Rutherford.

Education Council Outstanding Senior Awards

Elementary Education: Emma Wilson
Middle Grades English Language Arts and Social Studies Academic Achievement Award: Kinsey Lauren Moritz
Dr. Lee V. Stiff Memorial Award for Outstanding Senior in High School Mathematics: Abbey Earp
Mathematics Education (Middle School): Alexandra Prager
Science Education (High School): Jacob Hackim
Science Education (Middle School): Nathan Hill
Outstanding Senior in Technology, Engineering, and Design Education: Dong (Donnie) Hyun Kim

Departmental Awards

Department of Science, Technology, Engineering, and Mathematics Education
The Agnes and Garfield Stiff Travel Award: Mwenda Kudumu
Norman Anderson-J. Concord Glass, Jr. Graduate Fellowship: Mariam Elias
The John and Nell Penick Fellowship: Gary Wright
Epsilon Pi Tau Leadership Award: Erik Schettig
Garland Kermit Hilliard Outstanding Student Achievement in Technology, Engineering, and Design Education: Rebecca Ross
Robert H. Hammond Outstanding Student Achievement in Graphic Communication Minor Award: Courtney Michaels
Dr. John Park Memorial Outstanding Senior Award in Science Education
Middle School: Lauren Blankenship
High School: Sarah Brown
Eileen Williams Service Award in Mathematics Education: Mark Samberg, Department of Public Instruction
Outstanding Service Award in Technology Education: John Schafer
John Park Outstanding Service Award in Science Education: Marsha Anderson, Cary High School

Department of Teacher Education and Learning Sciences
John Arnold Middle Grades English Language Arts and Social Studies Award: Helena Boehling and James Daniels
Pat Dalton Middle Grades English Language Arts and Social Studies Award: Alaina Hilts
Jimmy Scherrer Outstanding Senior Service Award: Courtney Weathers

*December 2020 Graduate
Other Student Awards

College of Education Spotlight Awards
College of Education Spirit Award: Shannon Carney
Community Service Award: Martia Williams
Rising Leader Award: Elizabeth Stavrakakis
Golden Apple Future Teacher Award: Amaya Dicker

Student Teachers of the Year
Special Education: Courtney Smith
English Education: Ellie Williamson
Science Education: Cameron Good
Science Education: Jacob Hackim
Agricultural Education: Ivey Brewer
Elementary Education: Josie Thompson
Middle Grades Language Arts and Social Studies Education: Amaya Dicker
Technology Education: Dong Hyun Kim
World Languages: Joshua Conner

Special Recognition of Student Groups

College of Education Ambassadors
Mackenzie Brown
Sarah Brown
Eileen Casler
Becca Churchill
Sarah Colurciello
James Daniels
Maya Dicker
Rebecca Dyke
Abbey Earp
Hannah Ehmann
Gio Hernandez
Kimmy Johnson
Ashley Kreider
Jessika Patel
Cheyenne Quarless
Cambria Rotondo
Emma Wilson

Education Council
Abbey Earp
Jessika Patel

Elementary Education Organization (ELMO)
Courtney Weathers
Becca Churchill
Eileen Casler

Rachel Hulicki
Ashley Kreider
Kimmy Johnson

Goodnight Scholars Program
Kayla Ashburn
Mackenzie Brown
Abbey Earp
Hannah Ehmann
Josh Guter
Emily Stuelke

MYEN
James Daniels
Jessika Patel
Cheyenne Quarless

North Carolina Council of Teachers of Mathematics (NCCTM)
Sarah Colurciello
Abbey Earp
Gio Hernandez
Cambria Rotondo
Elise Herring

NC State Education Scholars
Kelsey Douglas
Hannah Ehmann
Treasure Gnash
Joshua Hawkins
Giovanny Hernandez
Elise Herring
Michelle Koop
Kaitlyn Oakley

North Carolina Teaching Fellows
Kayley Clifton
Breanna Goins
Samuel Hammett
Carl Hintz
Nicholas Schwankl
Mikayla Thompson

Park Scholars
Margaret Leak Borden, Master of Science, Mathematics Education
Passport for Success Program
Sarah Colurciello
Becca Churchill
Cooper Migden
Kensley Ledford
Elise Herring
Shea (Hardman) Maize

Students Advocating for Youth (SAY)
Helena Boehling
Mackenzie Brown
Rebecca Churchill
James Daniels
Amaya Dicker
Hannah Ehmann
Mackenzie Gibbon
Breanna Goins
Giovanny Hernandez
Rachel Hulicki
Kimberly Johnson
Michelle Koop
Ashley Kreider
Michael Miracco
Jessika Patel
Leiah Tamaki
Jennifer Thomason
Kevin Tohak
Anna Turner

University Scholars Program
Mackenzie Brown
Carrie Olivia Foster
Caroline Griffith
Kimmy Ann Johnson
Carson Smith
Macayla A. Tyndall
North Carolina’s best educators prepare at the NC State College of Education.

- 50+ Academic Pathways that Prepare Professional Educators Who Transform Lives, Schools and Communities
- 15,000+ Living NC State College of Education Alumni
- #1 in Education Research Productivity in N.C.
- 100 of 100 N.C. Counties Home to NC State College of Education Alumni
- #1 Producer of STEM Educators in N.C.
- #37 Ranked College of Education in the U.S.
- Top Teaching Alumni on Statewide Performance Measures