

### Faculty Collaborative Research Efforts (as of Summer 2009)

1. An investigation by Jim Lyons, Mickey Dunaway, Jim Bird, Delores Lee, and Claudia Flowers regarding the impact and quality of principal intern experiences has been submitted for publication.
2. Chuang Wang, Jim Bird, and Jim Watson are exploring authentic leadership's impact on teacher trust and engagement and student achievement.
3. Jae Hoon Lim, Jim Watson, and Keonya Booker have under review two manuscripts that examine various aspects of 6th grade girls' transitions experiences with school mathematics.
4. Delores Lee, Jae Hoon Lim, and Jennifer McGee are working on two papers exploring the influence of African American administrators on gender and racial inequity in mathematics education.
5. Claudia Flowers and Bob Algozzine are collaborating on a research methods textbook.
6. Ann McColl, Chuang Wang, Bob Algozzine, Bob Audette, and Erik Porfeli continue to publish manuscripts that explore the achievement gap and academically gifted students.
7. The exploration by Mickey Dunaway, Do-Hong Kim, and Renae Szad of the perceptions of the teachers and administrators of Iredell-Statesville Schools concerning the nature and value of individual growth plans has been accepted for publication.
8. Jim Bird and Chuang Wang are working on a manuscript related to school superintendents' budget-building strategies.
9. Rich Lambert and Chuang Wang are working on multi-level data analysis techniques using LISREL and Hierarchical Linear Modeling.
10. The research by Mickey Dunaway, Jim Lyons, Leigh Ausband, and Do-Hong Kim on how the organizational patterns of North Carolina school districts are chosen has been published.
11. Mickey Dunaway, Claudia Flowers, and Kendra March are exploring the impact of district organization on student achievement.
12. Bob Algozzine and Chuang Wang are studying children's reading proficiency and classroom behaviors in selected Charlotte-Mecklenburg Schools.
13. The study by Mickey Dunaway and Leigh Ausband on current organizational patterns in selected North Carolina school districts has been published.
14. Rich Lambert, Claudia Flowers, and Chuang Wang are working on a manuscript regarding the use of effect size in post-hoc multiple comparisons to identify interaction effects.
15. Do-Hong Kim, Mickey Dunaway, and Renae Szad are collaborating on a study of the perceptions of teachers and administrators regarding the purpose and value of school improvement plans.
16. Chuang Wang, Clint McElroy, and Edith McElroy have published a book chapter involving the integration of ESL faculty into student success programs developed for faculty members working with native English-speaking students.
17. Richard Hartshorne and Meredith DiPietro are working with Central Piedmont Community College and the North Carolina Virtual Public School on the effectiveness of gaming in K-12 education and best practices in on-line learning in K-12 settings.
18. Rich Lambert and Annette Ulrich are working on several manuscripts related to the impact of children with problem behaviors on teacher stress.
19. Rich Lambert, Jim Bird, Bobbie Rowland, Lisa Howley, and Annette Ulrich have prepared and published training manuals for State-wide implementation of the PKK-TPAI.
20. Mickey Dunaway and Ann McColl are examining how superintendents can use the law as safe ground when the law and community values conflict.
21. Jim Watson, Corey Lock, and Jae Hoon Lim are examining the experiences of public school superintendents as they transition to faculty positions in higher education.
22. John Gretes and Richard Hartshorne are exploring three technology-related topics: (a) how the use of technology by College of Education faculty aligns with national educational technology standards; (b) the impact of technology-related professional development on technology use by faculty; and (c) students' perceptions of technology before and after enrollment in a basic computer applications course.
23. Bob Algozzine, Maryann Mraz, Brian Kissel, Stephen Hancock, Paola Pilonieta, and Adriana Medina are working on various projects in CMS involving pre-school programs, the comprehensive reading model, and family literacy.
24. Claudia Flowers and Lynn Ahlgrim-Delzell are working on the common measures reports for the RAISE Host grant to identify effective reading measures for students with reading difficulties across three Reading Centers – UNC Charlotte, Southern Methodist University, and Georgia State University.
25. Keonya Booker is working with Gloria Campbell-Whatley on a faculty diversity/campus climate study.
26. Bob Algozzine and Chuang Wang are investigating the relationship between academic achievement and social behavior of elementary school children.
27. Bob Algozzine and Kate Algozzine are working with Reid Park Elementary School in implementing school-wide behavior support.

28. Bob Algozzine and Kate Algozzine are studying team decision-making with collaborators from the University of Oregon.
29. Bob Algozzine and Fred Spooner are reviewing multiple manuscripts as co-editors of *The Journal of Special Education*.
30. Jim Watson and Jae Hoon Lim will explore the motivation issues and barriers perceived by Hispanic teachers who pursue a career in school administration.
31. Jae Hoon Lim, Jim Watson, and Amelie Schink are finalizing a journal manuscript that examines different patterns of academic engagement of high-achieving middle school girls in mathematics.
32. Do-Hong Kim, Chuang Wang, and Kok-Mun Ng are investigating psychometric properties of the Emotional Intelligence Scale using Rasch Rating Scale Modeling.
33. Claudia Flowers and Do-Hong Kim are investigating student academic test performance, score comparability, and student preference of two types of read-aloud accommodations – computer text reader and adult read-aloud.
34. A manuscript by Keonya Booker, Jim Lyons, and Beverley Pringle on high school African American students' and teachers' perceptions of teacher expectations in the classroom has been submitted for publication.
35. Chuang Wang, Ya-Yu Lo, and Bob Algozzine are preparing a manuscript on the use of Hierarchical Linear Modeling to analyze data collected in single-subject research designs.
36. Lynn Ahlgrim-Delzell and others are examining meta-analysis methods for single-subject research applied to time-delay instruction for students with significant cognitive disabilities.
37. Richard Hartshorne and Ann McColl are examining web technologies to provide resources on the North Carolina Constitution to teachers and others.
38. Lynn Ahlgrim-Delzell and Shawnee Wakeman are studying the development of quality indicators for survey research.
39. Lynn Ahlgrim-Delzell, Bruce Taylor, and Claudia Flowers are researching the perceptions of the use of scripted literacy curriculum by teachers of students with significant cognitive disabilities.
40. Meredith DiPietro and Lynn Ahlgrim-Delzell will investigate issues regarding scale-up of a literacy curriculum for students with significant cognitive disabilities in Charlotte-Mecklenburg Schools.
41. Keonya Booker, Jeff Shears, and Sharon Portwood are examining student absenteeism, suspensions, and drop-out rates in Charlotte-Mecklenburg Schools.
42. Keonya Booker and Sharon Portwood are evaluating Charlotte-Mecklenburg Schools' Asthma Education Program.
43. Jim Lyons, Mickey Dunaway, Jim Bird, Delores Lee, and Claudia Flowers are investigating the relationship between the intensity of the principal internship experience and the level of learning that occurs.
44. Chuang Wang, Jim Bird, and Jim Watson are exploring the relationship between the degree of concordance between principal authenticity and teacher levels of trust, engagement, and student achievement.
45. Keonya Booker, Claudia Flowers, and Diane Browder are collaborating on the qualitative evaluation of the MASTERY Project.
46. Rebecca Shore and Pamela Shue are examining literacy practices in homes of Hispanic four-year-old children.
47. Rebecca Shore and Marion Bish are studying Kindergarten readiness measures in Cabarrus County Schools.
48. Rich Lambert, Rebecca Shore, and Pamela Shue are examining the use of the PKK-TPAI in the New Teacher Support Program of the North Carolina Office of School Readiness.
49. Mickey Dunaway, Leigh Ausband, and Do-Hong Kim are replicating their previous work on North Carolina school district organizations in other southeastern states.
50. Jim Bird, Claudia Flowers, and Mickey Dunaway are investigating the perceptions of mentors and interns regarding the importance of intern engagement in various intern experiences.
51. Mickey Dunaway, Jim Bird, and Jim Watson are combining their personal perceptions as former school district superintendents transitioning into higher education.
52. Mickey Dunaway, Do-Hong Kim, Patti Wilkins, and Sara Salloum will soon assess the impact of Web 2.0 technologies on students' teaching and learning in selected MSA courses.
53. Bob Algozzine, Ya-yu Lo, and Jennifer McGee are developing several manuscripts on school violence in North Carolina.