

Curriculum Vitae

Robert Michael Capraro
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EDUCATIONAL EXPERIENCE

University of Southern Mississippi Hattiesburg, Mississippi	Ph. D., 2000
University of Miami Coral Gables, Florida	Ed. S., 1993
University of Miami Coral Gables, Florida	M. S. Ed., 1991
Saint Thomas University Opa-Locka, Florida	B. S. Ed., 1987

PROFESSIONAL EXPERIENCE

December 2007-2008	Assistant Department Head- Research Mentoring. Teaching Learning and Culture
August 2007 - Present	Associate Professor of Mathematics Education. Texas A&M University
August 2000 - 2006	Assistant Professor of Mathematics Education. Department of Teaching, Learning and Culture, Texas A&M University
Sept. 1999-2000	Graduate Teaching Assistant. Department of Curriculum and Instruction, University of Southern Mississippi
Jan.-1996- 1999	Region I Operations Technology & Curriculum, Miami-Dade County Public Schools (M-DCPS)
Jan. 1995-1996	District Office Division of Urban Systemic Initiative, Mathematics/ Science. (M-DCPS)
1994-1997	Adjunct Professor, Mathematics Education, Florida International University

ADVANCED TRAINING AND PREPARATION

2007	Mixed Methods Data Analysis. Southwest Educational Research Association presented by Anthony Onwuegbuzi and John Slate.
2006	Qualitative Data Collection and Data Analysis. Texas A&M University. Presented by Yvonna Lincoln.
2006	Experimental and Quasi-Experimental Design Workshop. Northwestern University. Co-Sponsored by Spencer Foundation and Department of Education presented by Thomas D. Cook and William Shadish.
2006	Hierarchical Linear Modeling for Applied Research. Southwest Educational Research Association presented by Tasha Beretvas and Kyle Roberts.
2006	Mixed Methods Research Designs and Analysis. Southwest Educational Research Association presented by Anthony Onwuegbuzie and John Slate.
2005	Introduction to Hierarchical Linear Modeling. Southwest Educational Research Association presented by Tasha Beretvas and Kyle Roberts.
2005	Factor Analytic Designs in Educational Research. Southwest Educational Research Association presented by Bruce Thompson.
2004	Using S-PLUS: Basic Statistics to Simulations. American Educational Research Association presented by Randall E. Schumacker and J. Kyle Roberts.
2004	Structural Equation Modeling Faculty Collaborative. Texas A&M University presented by Victor Willson
2000-2002	Faculty Statistics Refresher. Texas A&M University presented by Bruce Thompson

Names in bold were graduate students at the time of writing

PUBLICATIONS

Peer Reviewed Publications

1. Denton, J. J., Davis, T. J., Capraro, R. M., Smith, B. L., Beason, L., Graham, D., & Strader, R. A. (2009, In Press). Examination of applicant profiles for admission into and completion of an online secondary teacher certification program. *International Forum of Educational Technology & Society*, 12,
2. *Piccolo, D. L., Carter, T. A., Harbaugh, A. P., Capraro, M. M., & Capraro, R. M. (2008). Quality of instruction: Examining discourse in middle school mathematics instruction. *Journal of Advanced Academics*, 19, 376-410.
3. *Zientek, L. R., Capraro, M. M., & Capraro, R. M. (2008). Reporting practices in quantitative teacher education research: One look at the evidence cited in the AERA panel report. *Educational Researcher*, 37, 208-216.
4. *Özel, S., Yetkiner, Z. E., & Capraro, R. M. (2008). Technology in K-12 mathematics classrooms. *School Science and Mathematics*, 108, 80-85.
5. Li, X., Ding, M., Capraro, M. M., & Capraro, R. M. (2008). Sources of differences in children's understandings of mathematical equality: Comparative analysis of teacher guides and student texts in China and in the United States. *Cognition and Instruction*, 26, 195-217.
6. Capraro, R. M., & Thompson, B. (2008). The educational researcher defined: What will future researchers be trained to do? *Journal of Educational Research*, 101, 247-253.
7. Helfeldt, J., Capraro, R. M., Capraro, M. M. Foster, E., & Carter, N. (2008, in press). An urban schools -university partnership that prepares and retains quality teachers for "high need" schools. *The Teacher Educator*, 44(1), 1-20.
8. *Yetkiner, Z. E., Anderoglu, H. Y., & Capraro, R. M. (2008). *Research summary: Project-based learning in mathematics*. Retrieved January 2, 2008, from <http://www.nmsa.org/Research/ResearchSummaries/ProjectBasedLearninginMath/tabid/1570/Default.aspx>
9. Capraro, R. M., Capraro, M. M., Ding, M., & Li, X. (2007). Thirty years of research: Current interpretations of the equal sign. *Psychological Reports*, 101, 784-786.
10. Capraro, R. M., & Capraro, M. M. (2007). Pedagogy and curriculum: Antithetical constructs or a nexus in mathematics education? *Journal of Curriculum & Pedagogy*, 4(1), 34-39.
11. *Capraro, M. M., Ding, S., Matteson, S., Li, X., & Capraro, R. M. (2007). Representational implications for understanding equivalence. *School Science and Mathematics*, 107, 86-88.
12. Kulm, G., Capraro, R. M., & Capraro, M. M. (2007). Teaching and learning middle grades mathematics with understanding. *Middle Grades Research Journal*, 2, 23-48.
13. Beal, G., Sulentic, M. M., & Capraro, R. M. (2006). How do literacy experiences affect the teaching propensities of elementary pre-service teachers? *Reading Psychology*, 27, 235-255.
14. Capraro, R. M., & Capraro, M. M. (2006). Are you really going to read us a story? Learning geometry through children's mathematics literature. *Reading Psychology*, 27, 21-36.
15. **Carter, T. A., & Capraro, R. M. (2005). Stochastic misconceptions of pre-service teachers. *Academic Exchange Quarterly*, 9(3), 105-111.
16. *Zientek, L. R., Kadhi, T., & Capraro, R. M. (2005). Analysis of the literature on alternative certification programs. *Academic Exchange Quarterly*, 9(3), 121-125.
17. Capraro, R. M., Capraro, M. M., Parker, D., Kulm, G., & Raulerson, T. (2005). The mathematics content knowledge role in developing preservice teachers' pedagogical content knowledge. *Journal for Research in Childhood Education*, 20, 108-124.

Names in bold were graduate students at the time of writing

18. Capraro, M. M., Kulm, G., & Capraro, R. M. (2005). Middle grades: Misconceptions in statistical thinking. *School Science and Mathematics Journal*, *105*, 165-174.
19. Henson, R., Capraro, R. M., & Capraro, M. M. (2004). Reporting practice and use of exploratory factor analysis in educational research journals. *Research in the Schools*, *11*(2), 61-72.
20. ***Naiser, E. A., Wright, W. E., & Capraro, R. M.** (2004). Teaching fractions: Strategies used for teaching fractions to middle grades students. *Journal of Research in Childhood Education*, *18*, 193-198.
21. Capraro, R. M. (2004). Statistical significance, effect size reporting, and confidence intervals: Best reporting strategies. *Journal for Research in Mathematics Education*, *35*, 57-62.
22. Capraro, M. M., & Capraro, R. M. (2003). Exploring the impact of the new APA 5th Edition Publication Manual on the preferences of journal board members. *Educational and Psychological Measurement*, *63*, 554-565.
23. Capraro, R. M., & Capraro, M. M. (2002). Treatments of effect sizes and statistical significance tests in textbooks. *Educational and Psychological Measurement*, *62*, 771-782.
24. Capraro, R. M., & Capraro, M. M. (2002). Myers-Briggs Type Indicator score reliability across studies: A meta-analytic approach. *Educational and Psychological Measurement*, *62*, 590-602.
25. Capraro, M. M., Capraro, R. M., & Henson, R. K. (2001). Measurement error of scores on the mathematics anxiety rating scale across studies. *Educational and Psychological Measurement*, *61*, 373-386.
26. Capraro, M. M., & Capraro, R. M. (2001). Bigger is not better: Seeking parsimony in canonical correlation analysis via variable deletion strategies. *Multiple Linear Regression Viewpoints*, *27*, 24-33.
27. Capraro, R. M., & Capraro, M. M. (2001). Commonality analysis: Understanding variance contributions to overall canonical correlation effects of attitude toward mathematics on geometry achievement. *Multiple Linear Regression Viewpoints*, *27*, 16-23.
28. ***David, H. L., & Capraro, R. M.** (2001). Strategies for teaching in heterogeneous environments while building a classroom community. *Education*, *122*, 80-86.
 * indicates a publication with a student under my direction
 ** indicates a publication from a student's dissertation
 Name in bold were grad students when the article was conceptualized
 Social Science Citation Index = Total Impact Factor 7.464, $\bar{X} = .746$ (December, 2008)
Peer Reviewed Conference Proceedings
29. **Yetkiner, Z. E., Capraro, R. M., Zientek, L., & Thompson, B.** (2008). Examining quantitative reports in mathematics education: The benefits of meta-analytic thinking for all quantitative analyses. *Proceedings of the 11th meeting of the International Congress on Mathematical Education*. Monterrey, Mexico.
30. Capraro, M. M., **Rangel, A., & Capraro, R. M.** (2008). Effective preparation for teaching of algebra at the primary level. *Proceedings of the 11th meeting of the International Congress on Mathematical Education*. Monterrey, Mexico.
31. **Özel, S., Capraro, R. M., & Yetkiner, Z. E.** (2008). A technology intervention using multiple representations on mathematics. *Proceedings of the 11th meeting of the International Congress on Mathematical Education*. Monterrey, Mexico.
32. Capraro, M. M., Capraro, R. M., & Cifarelli, V. V. (2007). What are students thinking as they solve open-ended mathematics problems? In D. K. Pugalee, A. Rogerson, & A. Schnick (Eds.), *Proceedings of the ninth international conference of Mathematics*

Names in bold were graduate students at the time of writing

Education in a Global Community. (pp. 124-128). Charlotte: The University of North Carolina.

33. Capraro, R. M., Kulm, G., **Hammer, M.**, & Capraro, M. M. (2002). The origin and persistence of misconceptions in statistical thinking. In D. S. Mewborn, P. Sztajn, D. Y. White, H. G. Wiegel, R. L. Bryant, & K. Nooney (Eds.), *Proceedings of the twenty-fourth annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education*, 3, 1339-1340. Columbus, OH: ERIC Clearinghouse for Science, Mathematics, and Environmental Education.

Books/Book Chapters/Et Cetera

34. **Özel, S., Yetkiner, Z. E.,** Capraro R. M., & Küçük, A. R., (2009, In Press). Young adolescent education in Turkey. In S. B. Mertens, K. Roney, & V. Anfara (Eds.), *An international look at educating young adolescents*. Charlotte, NC: Information Age.
35. **Capraro, R. M., & Yetkiner, Z. E.** (2009, In Press). P-value. In N. J. Salkind (Ed.), *Encyclopedia of research design*. Thousand Oaks, CA: Sage.
36. Capraro, R. M., & **Yetkiner, Z. E.** (2008, In Press). New views on assessment in STEM PBL. In R. M. Capraro & S. W. Slough (Eds.), *Project based learning: An integrated science technology engineering and mathematics (STEM) approach*. The Netherlands: Sense.
37. Capraro, R. M., & Slough, S. (2008, In Press). Why PBL? Why STEM? Why now? An introduction to project-based learning: An integrated science, technology, engineering, and mathematics (STEM) approach. In R. M. Capraro & S. W. Slough (Eds.), *Project based learning: An integrated science technology engineering and mathematics (STEM) approach*. The Netherlands: Sense.
38. **Yetkiner, Z. E.,** & Capraro, R. M. (2008, In Press). Factors influencing the implementation of STEM PBL. In R. M. Capraro & S. W. Slough (Eds.), *Project based learning: An integrated science technology engineering and mathematics (STEM) approach*. The Netherlands: Sense.
39. Capraro, R. M., & Slough, S. W. (Eds.). (2008, In Press). *Project based learning: An integrated science technology engineering and mathematics (STEM) approach*. Rotterdam, The Netherlands: Sense.
40. Capraro, R. M., & **Yetkiner, Z. E.** (2008). Teachers' role in developing representational fluency in middle grades. In G. Kulm (Ed.), *Teacher knowledge and practice in middle grades mathematics* (pp. 273-286). Rotterdam, The Netherlands: Sense.
41. Kulm, G., & Capraro, R. M. (2008). Textbook use and student learning of number and algebra ideas in middle grades. In G. Kulm (Ed.), *Teacher knowledge and practice in middle grades mathematics* (pp. 255-272). Rotterdam, The Netherlands: Sense.
42. Capraro, R. M. (2006). Time series in educational research. In G. Ritzer (Ed.), *Blackwell encyclopedia of sociology*. Malden, MA: Blackwell.
43. Capraro, R. M. (2006). Significance level. In N. J. Salkind (Ed.), *Encyclopedia of measurement and statistics*. Thousand Oaks, CA: Sage.

Non-Peer Reviewed Publications

44. Denton, J. J., Davis, T. J., Capraro, R. M., Smith, B. L., Beason, L., Graham, D., & Strader, R. A. (2007). *Examination of applicant profiles for admission into and completion of an online secondary teacher certification program*. (ERIC Document Reproduction Service No. ED465799)

Names in bold were graduate students at the time of writing

45. Capraro, R. M. (2006). (Decoding + chunking + comprehension) ^{Reading Aloud} = mathematical fluency. *Reading Psychology, 27*, 91-93.
46. Capraro, R. M., Capraro, M. M., Dighans, K., & **Hammer, M.** (2002). *A revision protocol design: Item revision and impact analysis report*. Texas A&M University, Teaching Learning and Culture.
47. Capraro, R. M., & Capraro M. M. (1998). *Teacher Talk*. In Middle School Math Courses 1 & 3, Scott Foresman-Addison Wesley: Chicago, IL.
48. Capraro, R. M., & Johnson, B. (1997). *Content strand mathematics – Probability and statistics*. Miami-Dade County Public Schools. Miami, FL.
49. Capraro, R. M., & Johnson, B. (1996). *Content strand mathematics - Geometry*. Miami-Dade County Public Schools. Miami, FL.
50. Capraro, R. M., & Johnson, B. (1995). *Content strand mathematics - Pre-Algebra*. Miami-Dade County Public Schools. Miami, FL.

Student Publications Under My Direction

- **Taylor, J. M.** (2008). The effects of a computerized-algebra program on mathematics achievement of college and university freshmen enrolled in a developmental mathematics course. *Journal of College Reading and Learning, 39*, 35-53.
- **Zientek, L. R.** (2007). Preparing high quality teachers: Novice teachers' sense of self-efficacy, commitment to teaching, and preparedness to teach. *American Educational Research Journal*.
- **Zientek, L. R.** (2006). The essentials of effective alternative teacher education programs: A response. *Connections, 15*(3), 9-10,14.
- Matteson, S.** (2006). Mathematical literacy and standardized mathematical assessments. *Reading Psychology, 27*, 205-233.
- Matteson, S.** (2005). At-Risk students and their performance on graphing assessments. *Electronic Journal of Student Research, 5*. Retrieved on January 5, 2005 from <http://dept.lamar.edu/lustudentjnl/EDITION%20II%20ARTICLES/At-risk%20students%20and%20Their%20Performance%20on%20Graphing%20Assessment.s.pdfhttp://dept.lamar.edu/lustudentjnl/current%20edition.htm>
- Herbrich, A. A., & Parr, R. (2004, October 22). My, what critical thinking skills you have!: A party approach to college student engagement. *Innovation Abstracts, 26*, (24). The University of Texas at Austin National Institute for Staff and Organizational Development (NISOD), Department of Educational Administration, College of Education. Retrieved on October 28 from http://www.dc-uoit.ca/pd/Inovation%20Abstracts/innovation_abstracts_October_22_2004.htm
- Martin, S., & Sebesta, L.** (2004). Fractions: Building a foundation with concrete manipulatives. *Illinois Schools Journal, 83*(2), 2-21.
- Butler, L.** (2002). Motivation in the middle. *Illinois Mathematics Teacher, 53*, 13-18.
- ** indicates a publication from a student's dissertation**

SUBMITTED

- Zientek, L. R., Carter, T. A., Taylor, J. M., & Capraro, R. M. (2009). An examination of prospective teachers' attitudes towards statistics.
- Capraro, R. M., **Özel, S.**, Capraro, M. M., **Yetkiner, Z. E.**, Kim, H. G., & Küçük, A. R. (2008). An international comparison of the equal sign: An update.

- Adiguzel, T., Capraro, R. M., & Willson, V. L. (submitted for publication). An examination of teacher acceptance of handheld computers. *Journal of Technology and Teacher Education*.
- Zientek, L. R., Yetkiner, Z. E.,** Capraro, R. M., & Capraro, M. M. (2008). Interpreting multiple regression results: The role of structure coefficients. Submitted to *Journal of Experimental Education*.
- Capraro, M. M., Capraro, R. M., & Helfeldt, J. (2008). Do differing types of field experiences make a difference in preservice teachers' perceived level of competence? (Sent 2/28/08 to *Teacher Education Quarterly*).
- Capraro, M. M., Capraro, R. M., & Cifarelli, V. V. (2008). Comparing preservice teachers' open-ended problem solving in a web-assisted class. *Electronic Journal of Mathematics and Technology*.
- Capraro, M. M., Capraro, R. M., **Carter, T. A., & Harbaugh, A.** (2007). Questioning, curiosity, and representing: What makes a difference mathematically? (Manuscript submitted for publication to *Journal of Educational Research*).
- Matteson, S.,** Capraro, M. M., Lincoln, Y., & Capraro, R. M. (2007). Extricating justification scheme theory in middle school problem solving. (Manuscript submitted for publication to *Educational Studies in Mathematics*).
- Matteson, S., & Capraro, R. M.** (2007). Does context explain historical findings for student interpretation of the equal sign? (Manuscript submitted for publication to *Journal for Research in Mathematics Education*).

IN PROGRESS

- Özel, S., Yetkiner Z. E., & Capraro, R. M.** (2009). Learning rational numbers: An experimental multi-modal representation approach via technology.
- Capraro, R. M., **Yetkiner, Z. E., Özel, Serkan, Corlu, M. S.,** Capraro, M. M., Ye, S., & Kim, H. G. (2009). An international perspective on students' understanding of the equal sign
- Capraro, R. M., Rupley, W., Slough, S., & Capraro, M. M. (2009). Theorizing a model: Using cognitive strategies to solve verbal mathematics problems.
- Capraro, R. M., & Capraro, M. M. (2008). Contrasting views on the principal's role for establishing a mentoring program. Manuscript in preparation.
- Capraro, M. M., & Capraro, R. M. (2008). Do field experiences make a difference in preservice teachers' perceived level of competence? Manuscript in preparation.

PRESENTATIONS

National/International

- Piccolo, D., Capraro, R. M., & Willson, V. (2009, April). *Research on mathematics teachers, teacher knowledge and teacher education*. Accepted for presentation at the annual meeting of the American Educational Research Association, San Diego, CA.
- Piccolo, D., Capraro, M. M., & Capraro, R. M. (2009, April). *Learning and understanding through urban education*. Accepted for presentation at the annual meeting of the American Educational Research Association, San Diego, CA.
- Capraro, R. M. (2008, October). *Pathways to publication: NMSA research advisory board*. Symposium presented at the 35th annual meeting of the National Middle School Association. Denver, CO.
- Capraro, R. M. (2008, October). *Project-Based Learning in Middle Grades Mathematics*. as part of a symposium *Spotlight on Research Session* presented at the 35th annual conference of the National Middle School Association, Denver, CO.
- Casey, M., Andrews, G., Bishop, P., Capraro, R. M., Daniel, L., Muir, M., & Valentine, J. (2008, October). *Research and Resources in Support of This We Believe: Assessment that*
- Names in bold were graduate students at the time of writing**

- Promotes Learning* presented at the 35th annual conference of the National Middle School Association, Denver, CO.
- Zientek, L., Capraro, M. M., & Capraro, R. M., (2008, April). Teacher education: A historical investigation of reporting practices. In symposium with B. Thompson, T. Onwuegbuzie, J. Slate, & K. Fries. Symposium conducted at the annual meeting of the American Educational Research Association, New York.
- *Parker, D., Donahue, M., Stillisano, J., Capraro, M. M., Goldsby, D., Yetkiner, Z. E., & Capraro, R. M. (2007, November). *Communication and representations*. Presented at the National Council of Teachers of Mathematics regional conference, Houston, TX.
- Capraro, R. M. (2007, November). School science and mathematics. Session in R. M. Capraro (Chair). *What research says about teaching every student math*. With C. Seeley, Symposium presented at the annual meeting of the National Middle School Association. Houston, TX.
- Capraro, R. M. (2007, November). Project-based learning. Session in M. Caskey (Chair). *Spotlight on research*. With G. Andrews, P. Bishop, L. Daniel, M. Muir, & E. Pate), Symposium presented at the annual meeting of the National Middle School Association. Houston, TX.
- Caskey, M., Andrews, G., Bishop, P., Capraro, R. M., Daniel, L., Muir, M., & Pate, E. (2007, November). *Research and resources in support of "This we believe"*. Paper presented at the annual meeting of the National Middle School Association. Houston, TX.
- Capraro, R. M., Capraro, M. M., Zientek, L. R., Carter, T., & Taylor, J. (2007, November). *Prospective teachers' attitudes and understandings of statistical concepts*. Paper presented at the annual meeting of the School Science and Mathematics Association. Indianapolis, IN.
- Matteson, S., Capraro, R. M., Capraro, M. M., & Lincoln, Y. (2007, November). *Developing a framework for middle school students' problem solving justification schemes*. Paper presented at the annual meeting of the School Science and Mathematics Association. Indianapolis, IN.
- Capraro, M. M., Capraro, R. M., & Cifarelli, V. (2007, September). *What are students thinking as they solve problems?* Paper presented at the annual meeting of the International Conference for Mathematics Education in a Global Community. Charlotte, NC.
- Capraro, R. M. (2007, April). Contrasting views on the principal's role for establishing a mentoring program. In E. Foster (Chair). *Impact of mentor training on perceptions of competence and pre-service/in-service mentors and administrators*. Symposium conducted at the annual meeting of the American Educational Research Association, Chicago, IL.
- Capraro, R. M. (2007, March). Comparing ideas of equivalence cross-culturally. Session in **S. Matteson** (Chair). *≥ to 30 years of Research on the Equals Sign*. With C. Lubinski. A. Otto (Illinois State University), E. Knuth (University of Wisconsin-Madison), Symposium accepted for presentation at the research pre-session of the 85th annual meeting of the National Council of Teachers of Mathematics. Atlanta, GA.
- Ding, M., Li, X.,** Capraro, M. M., & Capraro, R. M. (2007, March). *Do elementary children still interpret the "=" sign as an operator?* Presented at the research pre-session of the 85th annual meeting of the National Council of Teachers of Mathematics. Atlanta, GA.
- Capraro, M. M., Cifarelli, V., Capraro, R. M., **Zientek, L.** (2006, October). *What are students really thinking as they solve two types of problems?* Paper presented at the annual meeting of the School Science and Mathematics Association. Missoula, MT.

Names in bold were graduate students at the time of writing

- Capraro, R. M., Capraro, M. M., **Harbaugh, A., Carter, T. A., & Piccolo, D.** (2006, April). *Rich mathematics classroom conversations: What are middle-school teachers and students actually saying?* Paper presented at the annual meeting of the American Educational Research Association. San Francisco, CA.
- Capraro, R. M., & Capraro, M. M. (2006, April). *Underlying structures of mathematical representation: A theoretical perspective.* Paper presented at the annual meeting of the American Educational Research Association. San Francisco, CA.
- Zientek, L.,** Capraro, R. M., & Capraro, M. M. (2006, April). *Research findings and issues for alternative certification routes and influences of recent federal legislation.* Paper presented at the annual meeting of the American Educational Research Association. San Francisco, CA.
- Capraro, R. M., Capraro, M. M., **Harbaugh, A., Carter, T. A., & Piccolo, D.** (2006, April). *Meaningful discourse in middle-school: Linking research to practice.* Paper presented at the research pre-session of the 84th annual meeting of the National Council of Teachers of Mathematics. St. Louis, MO.
- Capraro, M. M., Willson, V., Capraro, R. M., & Kulm, G. (2006, April). *Professional development by curriculum differences on student achievement.* Paper presented at the research pre-session of the 84th annual meeting of the National Council of Teachers of Mathematics. St. Louis, MO.
- Capraro, R. M., Littlefield-Cook, J., **Carter, T.,** Capraro, M. M., **Matteson, S.,** & Lager, C. (2006, February). *Mathematical fluency.* Paper presented at the annual meeting of the Research Council on Mathematics Learning. Las Vegas, NV.
- Capraro, M. M., & Capraro, R. M. (2006, January). Examining middle school teachers' knowledge of number and algebra. Paper presented at the annual meeting of the Association of Mathematics Teacher Educators. Tampa, FL.
- Capraro, M. M., Capraro, R. M., & **Piccolo, D.** (2005, November). *What makes Tigger a tiger? (and not a leopard).* Paper presented at the annual meeting of School Science and Mathematics Association. Fort Worth, TX.
- Capraro, R. M., Capraro, M. M., **Naiser, E. A., English, S., Carter, T., Harbaugh, A., & Romero, C. T.** (2005, April). *Using middle grades student achievement data to support theoretical teacher quality measures.* Paper presented at the pre-session of the 83rd annual meeting of the National Council of Teachers of Mathematics Research. Anaheim, CA.
- Kulm, G., Capraro, R. M., Capraro, M. M., **Carter, T., Li, X., Sahin, A., Zientek, L., English, S.,** & Jones, C. (2005, April). *How do students in the middle grades represent data?* Paper presented at the 83rd annual meeting of the National Council of Teachers of Mathematics Research. Anaheim, CA.
- Capraro, M. M., Capraro, R. M., & **Zientek, L.** (2005). *Longitudinal influences of conceptual mathematics on teacher classroom enactments.* Paper presented at the annual meeting of the Association of Mathematics Teacher Educators. Dallas, TX.
- Carter, T. A., Zientek, L. R.,** & Capraro, R. M. (2005). *Teaching statistical concepts: Are future teachers prepared.* Paper presented at the annual meeting of the Association of Mathematics Teacher Educators. Dallas, TX.
- Carter, T. A., Zientek, L. R.,** & Capraro, R. M. (2005). *Preservice teachers' understanding of probability and statistics.* Paper presented at the annual meeting of the Research Council for Mathematics Learning. Little Rock, AR.
- Capraro, R. M., Willson, V., Capraro, M. M., & Wilson, L. (2004, April). *Effects of curriculum variation on structure in middle school mathematics.* Paper presented at the annual meeting of the American Educational Research Association. San Diego, CA.

Names in bold were graduate students at the time of writing

- Capraro, M. M., Capraro, R. M., DeBoer, G., Kulm, G., Manon, J., Morris K., Roseman, J. E., Willson, V., & Wilson, L. (2004, April). *Research Issues in the Improvement of Mathematics Teaching and Learning through Professional Development*. Paper presented at the annual meeting of the American Educational Research Association. San Diego, CA.
- Manon, J., Capraro, R. M., & Kulm, G. (2004, April). *Underlying structures of mathematical representation: A theoretical perspective*. Paper presented at the American Educational Research Association Conference. San Diego, CA.
- Capraro, R. M., Kulm, G. (2004, April). *Relationships between textbook use and student learning of number and algebra ideas in middle grades*. Paper presented at the National Council of Teachers of Mathematics Conference, Philadelphia, PA.
- Capraro, R. M., Kulm, G., Willson, V., Capraro, M. M., **Taylor, J. Sebesta, L., Sun, Y., Harbaugh, A.**, & (2004, April). *Representational models for the teaching and learning of mathematics*. Paper presented at the research pre-session of the 82nd annual meeting of the National Council of Teachers of Mathematics. Philadelphia, PA.
- Capraro, R. M., & Capraro, M. M. (2004, February). *Looking at representations through the eyes of middle grades students and their teachers*. Paper presented at the annual meeting of the Research Council on Mathematics Learning. Oklahoma City, OK.
- Capraro, M. M., & Capraro, R. M. (2003, April). *Exploring the impact of the new APA 5th Edition Publication Manual on the preferences of journal board members*. Paper presented at the annual meeting of the American Educational Research Association. Chicago, IL.
- Capraro, R. M., & Capraro, M. M. (2003, April). *Revising mathematics assessment items for alignment to curriculum standards*. Paper presented at the annual meeting of the American Educational Research Association. Chicago, IL.
- Patterson, J. M., Capraro, R. M., Kemp, G. P., **Standish, H., & Sun, Y.**, (2003, April). *The divergent child: Fraction concepts from their perspective*. Paper presented at the 81st annual meeting of the National Council of Teachers of Mathematics. San Antonio, TX.
- Capraro, R. M. (2003). Finding similarities: Mathematics curriculum comparisons of Taiwan and the United States. Paper presented at the annual meeting of the Research Council on Mathematics Learning. Tempe, AZ.
- Capraro, R. M., & Capraro, M. M. (2003, January). *Alternative certification: Measuring the impact on post-baccalaureate future mathematics teachers*. Paper presented at the annual meeting of the Association of Mathematics Teacher Educators. Atlanta, GA.
- Zientek, L. R., Kadhi, T.**, & Capraro, R. M. (2003, January). *Community college's expanding role in teacher preparation*. Paper presented at the annual meeting of the Association of Mathematics Teacher Educators. Atlanta, GA.
- Capraro, M. M., Kulm, G., & Capraro, R. M. (2002, October). *Middle grades misconceptions in statistical thinking*. Paper presented at the annual meeting of School Science and Mathematics Association. Rochester, NY.
- Capraro, R. M., Kulm, G., **Hammer, M.**, & Capraro, M. M. (2002, October). *The origin and persistence of misconceptions in statistical thinking*. Paper presented at the annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education. Athens, GA.
- Capraro, R. M., Kulm, G., & Capraro, M. M. (2002, April). *Investigating the complexity of middle grade students' understanding of mathematical constructs*. Paper presented at the annual meeting of the American Educational Research Association. New Orleans, LA. (ERIC Document Reproduction Service No. ED 465799)

Names in bold were graduate students at the time of writing

- Kulm, G., Capraro, R. M., Capraro, M. M., & Hastings, E. (2002, April). *Increasing student achievement: Building on ideas and promoting thinking about mathematics*. Paper presented at the research pre-session of the 80th annual meeting of the National Council of Teachers of Mathematics. Las Vegas, NV.
- Capraro, R. M., Capraro, M. M., & An, S. (2002, April). *Multicultural math fun - learning with magic squares: Incidentally learning number sense, algebra, & analytical reasoning*. Paper presented at the 80th annual meeting of the National Council of Teachers of Mathematics. Las Vegas, NV.
- Capraro, R. M., Capraro, M. M., & Kulm, G. (2002, April). *Measuring one factor for preservice teachers' propensity toward teaching elementary/middle school mathematics: Pedagogical content knowledge*. Paper presented at the 29th annual meeting of Research Council on Mathematics Learning, Memphis, TN.
- Capraro, R. M., Capraro, M. M., Parker, D., Kulm, G., & Raulerson, T. (2002, February). *Conventional wisdom is wrong: Anyone cannot teach and teachers are not born*. Paper presented at the 54th annual meeting of the American Association of Colleges for Teacher Education. New York, NY. (ERIC Document Reproduction Service No. ED 463259)
- Kulm, G., Capraro, R. M., & Capraro, M. M., Burghardt, R., & Ford, K. (2001, April). *Teaching and learning mathematics with understanding in an era of accountability and high-stakes testing*. Paper presented at the research pre-session of the 79th annual meeting of the National Council of Teachers of Mathematics. Orlando, FL.
- Capraro, R. M., & Capraro, M. M. (1998, April). *Caution! 2-d and 3-d geometric construction underway*. Presentation at the 76th annual meeting of the National Council of Teachers of Mathematics. Washington, DC.

Multi-State Regional

- *Capraro, R. M., Yetkiner, Z. E., Özel, S., Corlu, M. S., Capraro, M. M., & Kim, H. G. (2009, February). *International comparison of the equal sign*. Symposium presented at the 32nd annual meeting of the Southwest Educational Research Association, San Antonio, TX.
- *Zientek, L., Yetkiner, Z. E., Capraro, M. M., & Capraro, R. M. (2008, February). *Reporting practice in Teacher Education: The Importance of structure Coefficients*. Paper presented at the 31st annual meeting of the Southwest Educational Research Association, New Orleans, LA.
- Capraro, R. M., & Yetkiner, Z. E. (2007, November). *Communication and Representation*. Paper presented at the Regional Meeting of the National Council of Teachers of Mathematics, Houston, TX.
- Matteson, S.**, & Capraro, R. M., (2007, Feb.). Representational implications for middle grades equivalence. Paper presented at the 30th annual meeting of the Southwest Educational Research Association. San Antonio, TX.
- Muzheve, M.**, & Capraro, R. M. (2007, Feb.). Do individualized mathematics learning experiences differentially impact home school and public school children? Paper presented at the 30th annual meeting of the Southwest Educational Research Association. San Antonio, TX.
- Capraro, R. M. (2006, February). *Incorporating content literature to improve geometric competence in middle grades*. Paper presented at the 29th annual meeting of the Southwest Educational Research Association. Austin, TX.
- Capraro, M. M., **Piccolo, D., Ross, A., Sahin, A., Louder, H.**, & Capraro, R. M. (2006, February). *Using middle grades student achievement data to support theoretical teacher*

Names in bold were graduate students at the time of writing

- quality measures*. Paper presented at the 29th annual meeting of the Southwest Educational Research Association. Austin, TX.
- Capraro, R. M., **Carter, T., Harbaugh, A., & Romero, C. T.** (2005, February). *Using middle grades student achievement data to support theoretical teacher quality measures*. Paper presented at the annual meeting of the Southwest Educational Research Association. New Orleans, LA.
- Baldwin, M., Harbaugh, A.,** Capraro, R. M., Loving, C., Knight, S., & Thompson, B. (2005, February). *Reviewing manuscripts for publication: A why and how symposium for graduate students*. Paper presented at the annual meeting of the Southwest Educational Research Association. New Orleans, LA.
- Sun, Y.,** & Capraro, R. M. (2005, February). *A cross-cultural comparison of variation in mathematical representation in China and the United States*. Paper presented at the 28th annual meeting of the Southwest Educational Research Association. New Orleans, LA.
- Zientek, L. R., Carter, T. A., Taylor, J. M.,** & Capraro, R. M. (2005, February). *Future teachers' understanding of statistical concepts*. Paper presented at the 28th annual meeting of the Southwest Educational Research Association. New Orleans, LA.
- Capraro, M. M., & Capraro, R. M. (2005, February). *Persistence of conceptual mathematics teaching*. Paper presented at the 28th annual meeting of the Southwest Educational Research Association. New Orleans, LA.
- Zientek, L. R.,** & Capraro, R. M. (2005, February). *Pre-service teachers' attitudes towards statistics*. Paper presented at the annual meeting of the Southwest Educational Research Association. New Orleans, LA.
- Capraro, R. M. (2004, February). *Identifying the factors influencing alternative certification teacher retention*. Paper presented at the annual meeting of the Southwest Educational Research Association. Dallas, TX.
- Capraro, R. M. (2003, February). *Confirmatory factor analysis of the theoretical constructs of concepts of number*. Paper presented at the annual meeting of the Southwest Educational Research Association. San Antonio, TX.
- Capraro, R. M. (2003, February). *Using PDA to predict post graduation employment locations and ExCET passing conditions of new teachers*. Paper presented at the 26th annual meeting of the Southwest Educational Research Association. San Antonio, TX.
- Capraro, R. M., & **Graham, J. M.** (2002, February). *A tutorial on how reliability is estimated within structural equation modeling*. Paper presented at the annual meeting Southwest Educational Research Association. Austin, TX. (ERIC Document Reproduction Service No. ED 462442)
- Henson, R., Capraro, R. M., & Capraro, M. M. (2001, November). *Reporting practice and use of exploratory factor analysis in educational research journals*. Paper presented at the annual meeting of the Mid-South Educational Research Association. Little Rock, AK. (ERIC Document Reproduction Service No. ED 466780)
- Capraro, R. M. (2001, November). *A review of van Hiele constructs and a parsimonious model for geometric thought*. Paper presented at the annual meeting of the Mid-South Educational Research Association. Little Rock, AK.
- Capraro, R. M. (2001, February). *Exploring the influences of geometric spatial visualization, gender, and ethnicity on the acquisition of geometry content knowledge*. Paper presented at the annual meeting Southwest Educational Research Association. New Orleans, LA. (ERIC Document Reproduction Service No. ED451057)
- Capraro, M. M., Capraro, R. M., & Henson, R. (2001, February). *Measurement error of scores on the mathematics anxiety rating scale across studies*. Paper presented at the

Names in bold were graduate students at the time of writing

- annual meeting Mid-South Educational Research Association. Bowling Green, KY. (ERIC Document Reproduction Service No. ED452207)
- Scott, J., Martin, N., Capraro, M. M., & Capraro, R. (2001, February). *When the dissertation is finished . . . getting a job in higher education*. Panel Discussion at the annual meeting of the Southwest Educational Research Association. New Orleans, LA.
- Capraro, R. M. (2000, November). *Commonality and the common man: Understanding variance contributions to overall canonical correlation effects*. Paper presented at the annual meeting of the Mid-South Educational Research Association. Bowling Green, KY. (ERIC Document Reproduction Service No. ED449232)
- Capraro, M., Capraro, R. M., & Wiggins, B. (2000, February). *An investigation of the effects of gender, socioeconomic status, race, and grades, on standardized test scores*. Paper presented at the annual meeting of the Southwest Educational Research Association. Dallas, TX. (ERIC Document Reproduction Service No. ED444867)
- Capraro, R. M., & Capraro, M. M. (1995, April). *Elementary algebra, my dear*. Presentation at the 73rd annual meeting of the National Council of Teachers of Mathematics. Boston, MA.

State

- Stillisano, J., Capraro, M. M., Goldsby, D., Parker, D., Yetkiner, E., & Capraro, R. M. (2007, October.). *Math TEKS connections*. Paper presented at the Charles A. Dana center's annual mathematics and science higher education conference. Austin, TX.
- Capraro, M. M., Goldsby, D., Yetkiner, Z. E., Piccolo, D., Ozel, S., Wright, K., Indioigne, E., & Capraro, R. M., (2007, May). *Overview of the K-4 modules*. Presented at the Texas A&M Mathematics TEKS connection conference, College Station, TX.
- Capraro, R. M., Capraro, M. M., & Lamb, C. E. (2001, November). *Digital video: Watch me do what I say!* Paper presented at Fall Teacher Education Conference of the Consortium of State Organizations for Texas Teacher Education. Corpus Christi, TX. (ERIC Document Reproduction Service No. ED459697)
- Capraro, R. M., & Capraro, M. M. (2000, July). *Creating a theme: Dinosaurs across reading, mathematics, science, and technology*. Workshop presented at the 60th annual Mississippi Reading Conference. Hattiesburg, MS.
- Capraro, R. M., & Capraro, M. M. (1999, July). *Using technology to teach reading and make connections to science, social studies and mathematics*. Workshop presented at the 59th annual Mississippi Reading Conference. Hattiesburg, MS.
- Capraro, R. M., & Capraro, M. M. (1998, July). *Meaningfully integrating reading and algebra concepts*. Workshop presented at the 58th annual Mississippi Reading Conference. Hattiesburg, MS.
- Capraro, M. M., & Capraro, R. M. (1998, October). *Technologically teaching algebra to elementary students*. Presentation at the annual meeting of the Florida Council of Teachers of Mathematics. Orlando, FL.
- Capraro, R. M., & Capraro, M. M. (1997, October). *2-d, 3-d, and all that's geometry*. Presentation at the annual meeting of the Florida Council of Teachers of Mathematics. Fort Lauderdale, FL.
- Capraro, R. M., & Capraro, M. M. (1996, October). *Algebra concepts for teachers*. Presentation at the annual meeting of the Florida Council of Teachers of Mathematics. Fort Myers, FL.

Capraro, M. M., & Capraro, R. M. (1995, October). *Algebra, my dear*. Presentation at the annual meeting of the Florida Council of Teachers of Mathematics. Palm Beach Gardens, FL.

Local

Capraro, R. M., Willson, V., & Capraro, M. M. (2005, February). *Effects of curriculum variation on structure in middle school mathematics*. Paper presented at the Texas A&M College of Education and Human Development Research Symposium. College Station, TX.

Capraro, M. M., Pryor, C. P., Capraro, R. M., & Pryor, B. (2004, May). *How do teaching artifacts provide useful insightful information about preservice teachers?* Paper presented at the second annual Regents' Initiative for Excellence in Education Collaborative Research Conference, Texas A&M University, College Station, TX.

Capraro, M. M., & Capraro, R. M. (1998, March). *Preparing teachers to teach the sunshine state standards in geometry*. Presentation at the Sheridan Vocational School. Broward County Public Schools, Sheridan, FL.

Capraro, R. M., & Capraro, M. M. (1995, January). *Geometry concepts for teachers*. Presentation at the annual meeting of the Dade County Council of Teachers of Mathematics. Miami, FL.

Capraro, R. M., & Capraro, M. M. (1994, January). *Standards based instruction and the competency based curriculum (CBC)*. Presentation at the annual meeting of the Dade County Council of Teachers of Mathematics. Miami, FL.

Capraro, M. M., & Capraro, R. M. (1989, February). *The model school*. Slide presentation - Newark, NJ. Miami-Dade County public schools, Miami-Dade, FL.

Names in Bold indicate a presentation with a student under my direction.

INVITED PRESENTATIONS

Capraro, R. M., & Odell, M. (2009, Jan.). *What can Texas STEM centers do for your district?* Invited address presented at the Texas Association of School Administrators, Mid-Winter Conference. Austin, TX.

Capraro, R. M., & Capraro, M. M. (2009, Jan.). *Engineering PBL in the secondary classroom: Pollution, dilution, and acceptability*. Invited presentation at the T-STEM best practice conference, South Padre Island, TX.

Capraro, R. M., (2008, Nov.). Successful grant writing experiences. Invited presentation at the Fall 2008 Faculty Development Series, College Station, TX.

Capraro, R. M., (2008, Nov.). *Keynote: STEM education in the K-12 setting*. Invited presentation at the second annual Harmony Science Fair, Bryan, TX.

Capraro, R. M. (2008, Oct.). *Dr. Math and project based learning*. Invited presentation at the *The T-STEM teacher conference*, Austin, TX.

Capraro, M. M., & Capraro, R. M. (2008, September). *Recommended reporting practices in teacher education*. Invited presentation at the Educational Research Center Seminar, College Station, TX.

Capraro, R. M. (2008, August). *Trainer of trainers' workshop*. Invited presentation at the STEM teacher master teacher workshop, College Station, TX.

Capraro, R. M. (2008, July). *PBL: Incorporating research-based best practices in the urban classroom*. Invited presentation at the Waco master teacher conference, College Station, TX.

Names in bold were graduate students at the time of writing

- Morgan, J., Capraro, R. M., & Capraro, M. M. (2008, June). *Stage Storage PBL*, Invited presentation at the STEM Summer Institute, Dallas, TX.
- Capraro, R. M. (2008, June). *Project based learning-Stage storage device*. Invited presentation at the 2008 Summer teacher institute, College Station, TX.
- Capraro, R. M. (2008, June). *Project based learning-dilution and water quality*. Invited presentation at the 2008 Summer teacher institute, College Station, TX.
- Capraro, R. M., Maxwell, G., & Capraro, M. M. (2008, January). *The mission of the NTSTEM center*. Invited presentation at the STEM Leaders Centers Meeting, El Paso, TX
- Capraro, R. M. (2008, Jan.). *Dr. Math and project based learning*. Invited presentation at the 2008 STEM Teacher Conference, College Station, TX.
- Capraro, R. M. (2007, November). School science and mathematics. Session in R. M. Capraro (Chair). *Pathways to publication*. With M. Caskey, G. Andrews, P. Bishop, L. Daniel, M. Muir, & E. Pate), Symposium presented at the annual meeting of the National Middle School Association, Houston, TX.
- Capraro, R. M. (2007, February). *Uniquely situated to make a difference*. Invited address at the Brazos Valley Cooperative Teacher Education Center, Bryan, TX.
- Capraro, R. M., & Capraro, M. M. (2005, February). *Roll, flip, and slide into geometry*. Invited address at the annual meeting of the Texas Mathematical Association of Two-Year Colleges, Austin, TX.
- Capraro, R. M., & Capraro, M. M. (2002, February). *TAAS: Analyzing the accountability instrument in the light of Geometry Misconceptions*. Paper presented at the annual Conference on the Teaching of Secondary Mathematics, Huntsville, TX.
- Capraro, R. M., & Capraro, M. M. (February, 2001). *Displaying data for visual analysis*. Paper presented at the annual Conference on the Teaching of Secondary Mathematics, Huntsville, TX.
- deVarona, F., & Capraro, R. (1998, February). *Understanding Hispanic-American contributions to the United States*. Presentation at U.S. Naval Research Facility, Arlington, TX
- deVarona, F., & Capraro, R. (1998, December). *Cultural awareness: The Hispanic contribution*. Presentation at George Mason University - Hispanic Heritage Committee, Washington, D.C.
- deVarona, F., & Capraro, R. (1998, December). *Culturally competent: Mexican-American traditions. Are we all Hispanics?* Presentation at the Bureau of Labor and Statistics, Washington, D.C.

STUDENT PRESENTATIONS (DATE ORDER)

- Wright, K. B. (2007, February). *Effects of a standards-based approach on early grades preservice teachers' mathematics knowledge for teaching place value and fraction concepts*. Paper presented at the 30th annual meeting of the Southwest Educational Research Association. San Antonio, TX.
- Yetkiner, E. (2007, February). *Meta-analysis of mathematics cognitive development through hierarchical technological representations*. Paper presented at the 30th annual meeting of the Southwest Educational Research Association. San Antonio, TX.
- Bowden, K. N. (2007, January). Designing and implementing a curriculum to efficiently improve minority learning. Paper presented at the 11th annual meeting of the Educational Research Exchange. College Station, TX.

Names in bold were graduate students at the time of writing

- Matus, O. (2007, January). Understanding the theoretical concept for algebra: A case in middle grades. Paper presented at the 11th annual meeting of the Educational Research Exchange. College Station, TX.
- Meredith, K. D. B. (2007, January). The effects of implementing a problem solving strategy in a middle school classroom. Paper presented at the 11th annual meeting of the Educational Research Exchange. College Station, TX. ***College Level Paper Award.***
- Muzheve, M. T. (2007, January). Do individualized mathematics learning experiences differentially impact home school and public school children? Paper presented at the 11th annual meeting of the Educational Research Exchange. College Station, TX.
- Wright, K. B. (2007, January). An analysis of teacher knowledge of fraction concepts in middle grades classrooms. Paper presented at the 11th annual meeting of the Educational Research Exchange. College Station, TX.
- Yetkiner, Z. E. (2007, January). The impact of technology on mathematics achievement and attitudes. Paper presented at the 11th annual meeting of the Educational Research Exchange. College Station, TX.
- Young, J. R. (2007, January). Does teacher dress matter? Paper presented at the 11th annual meeting of the Educational Research Exchange. College Station, TX.
- Matteson, S. (2006, February). *Mathematical literacy and representations used on standardized mathematical assessments*. Paper presented at the 29th annual meeting of the Southwest Educational Research Association. Austin, TX.
- Ding, M., & Li, X. (2006, February). *Using teaching time effectively in mathematics classrooms*. Paper presented at the 29th annual meeting of the Southwest Educational Research Association. Austin, TX.
- Romero, C. (2005, April). *Who killed Bob Krusty? A dynamic calculus problem-solving event*. Paper to be presented at the 83rd annual meeting of the National Council of Teachers of Mathematics Research. Anaheim, CA.
- Ross, A. (2005, February). *Investigating the effects of teaching strategies on middle school students' understanding of equations*. Paper presented at the 28th annual meeting of the Southwest Educational Research Association. New Orleans, LA.
- Gilbert, M. C. (2005, February). *Teacher representational choices effect student mathematical understandings*. Paper presented at the 10th annual meeting of the Educational Research Exchange. College Station, TX.
- Romero, C. (2004, October). *Cognitive assessment of solutions to a D.P.S.E*. Paper presented and the annual meeting of School Science and Mathematics Association. Atlanta, GA.
- Romero, C. (2003, February). *Student understanding of derivative*. Paper presented at the 26th annual meeting of the Southwest Educational Research Association. San Antonio, TX.
- Fannin, D. (2003, February). *The use of manipulatives to increase understanding in high school geometry*. . Paper presented at the 8th annual meeting of the Educational Research Exchange. College Station, TX.
- Lauzon, K. (2003, February). *Student attitude toward CAS in second semester engineering calculus*. Paper presented at the annual meeting of the Educational Research Exchange. College Station, TX.
- Parr, R. (2003, February). *Comparing preparedness for quizzes, actual quiz score, and perceptions about mathematics*. Paper presented at the annual meeting of the Educational Research Exchange. College Station, TX.
- Quesenberry, K. (2003, February). *Learning materials disseminated by the professor and their effectiveness on student learning*. Paper presented at the annual meeting of the Educational Research Exchange. College Station, TX.

Names in bold were graduate students at the time of writing

- Rodriguez, F. (2003, February). *MAPLE in second semester engineering calculus*. Paper presented at the annual meeting of the Educational Research Exchange. College Station, TX.
- Sun, Y. (2003, February). *Comparing the teaching of fractions based on reform and traditional curricula in middle school mathematics*. Paper presented at the annual meeting of the Educational Research Exchange. College Station, TX.
- Taylor, J. M. (2003, February). *The opportunities universities have to impact our nation through embracing the remediation of our incoming freshman*. Paper presented at the annual meeting of the Educational Research Exchange. College Station, TX.
- Zientek, L. R. (2003, February). *Community colleges and alternative certification routes*. College Station, TX.
- Beser, S. (2002, February). *Integrating technology into mathematics: An internet approach*. Paper presented at the annual meeting Southwest Educational Research Association. Austin, TX.
- Butler, L. (2002, February). *Identifying motivational strategies: What we learn*. Paper presented at the annual meeting Southwest Educational Research Association. Austin, TX.
- Hammer, M. (2002, February). *The complexities of teacher-student and student-student interaction in the mathematics classroom*. Paper presented at the Educational Research Exchange. College Station, TX.
- Lewis, L. K. (2002, February). *Using the MBTI as a predictor of mathematics success at a traditionally Black university*. Paper presented at the annual meeting Southwest Educational Research Association. Austin, TX.
- Perez, A. I. (2002, February). *The role of mathematics anxiety, gender, and review on mathematics test performance for community college students*. Paper presented at the annual meeting Southwest Educational Research Association. Austin, TX.
- Romero, C. (2002, February). *Pedagogical effectiveness of non-traditional educators*. Paper presented at the annual Educational Research Exchange. College Station, TX.
- Ruiz, E. C. (2002, February). *Student motivation: A controversial issue*. Paper presented at the annual meeting Southwest Educational Research Association. Austin, TX.
- Sun, Y. (2002, February). *Using technology as a tool to reduce math anxiety*. Paper presented at the annual meeting Southwest Educational Research Association. Austin, TX.

TRAINING AND WORKSHOPS DELIVERED

- 2006 Editors' Mentoring Roundtable Session For Early-Career Scholars, American Educational Research Association Annual Meeting.
Mentees: Matthew Quirk, Eduardo Mosqueda, Sham'ah Md-Yunus, Cristal Jones, Fran Spielhagen, Yan Ping Xin, Naomi Kent
- 2005 Editors' Mentoring Roundtable Session For Early-Career Scholars, American Educational Research Association Annual Meeting.
Mentee: Elaine Chan Student Experiences of a Culturally-Sensitive Curriculum', accepted for publication in the Journal of Curriculum Studies.

HONORS, AWARDS AND RECOGNITIONS

- 2008 Nominee for the Presidential Award of Excellence for Faculty Service to International Students
- 2007 Joann Treat Research Award Winner for the College of Education and Human Development
- 2007 Educational Testing Service- Visiting Scholar

Names in bold were graduate students at the time of writing

- 2006-07 President- Southwest Educational Research Association
 2006-09 Research Advisory Committee- National Middle School Association
 2004-05 Nominated Secretary – Special Interest Group- Research in Mathematics Education
 2004-05 Elected Member at Large- Conference Committee Research Council for Mathematics Learning
 2002 CTE-Montague Scholar
 2001 Appointed to the Regents’ Initiative for Excellence in Education’s Academy for Educator Development; Regents’ Fellow
 2001 Appointed to Full Graduate Faculty Status

GRADUATE STUDENT AWARDS AND RECOGNITIONS

- 2008 Loeb Prize for Teaching Excellence in Mathematics and Science – Emilie Grimi-Naiser
 2008 U.S. Senator Phil Gramm Doctoral Fellowship Award-Winner Diana L. Piccolo **\$5K**
 2007 College of Education and Human Development Nominee for the Philanthropic Educational Organization Scholar Award – Danielle Kotara
 2007 L. T. Fellows Nominee for International Studies Award - Melanie Nicole Woods
 2007 Dissertation of the Year Award – Linda R. Zientek
 2007 Inaugural College of Education and Human Development, 2007 Outstanding Alumni Early Career Award honoree Emilie Grimi
 2007 Southwest Educational Research Association Best Paper Award- Meixia Ding & Xiaobao Li
 2007 College Level Research Award – Educational Research Exchange Krystal Meredith
 2006 College Level Research Award – Educational Research Exchange Shirley Matteson
 2004 Department Level Research Award- Educational Research Exchange Shirley Matteson
 2005 Fulbright Scholar, Japan, Emilie Naiser

ON-GOING FUNDED RESEARCH PROJECTS

Texas-Science, Technology, Engineering, and Mathematics Center. \$200,000 (2 years).

Supplemental grant.

Texas- Science, Technology, Engineering, and Mathematics Center. \$1,000,000 (2 years).

Mathematics TEKS Connection. \$4,000,000 (2 years)

COMPLETED RESEARCH PROJECTS

Middle School Mathematics *Project.* Continuation of the Oakwood project with funding.

Improving Mathematics Teacher Practice and Student Learning thru Professional Development. \$5,823,988.00 (5 years).

Teaching and Learning Mathematics with Understanding in an Era of Accountability and High Stakes Testing

Alternative Certification: Measuring Influence and Impact on Teacher Preparation

Identifying the Factors Influencing Alternative Certification Teacher Retention

EDITING & JOURNAL, GRANT REVIEWING

2007- Reviewer- *Journal of Experimental Education*

2007-2010 **Editorial Board** *Research in Middle Level Education- Online*

2006-2009 **Editorial Board** *Middle Grades Research Journal*

2006-2009 **Associate Editor** *School Science and Mathematics*

Names in bold were graduate students at the time of writing

- 2005-2006 **Guest Editor** *Reading Psychology*
 2005-Present *Reviewer Journal for Research in Childhood Education*
 2003-Present *Reviewer Journal for Research in Mathematics Education*
 2004-2007 **Associate Editor** *American Educational Research Journal*
 2004-Present *Reviewer AERA Annual Meeting Divisions C & K, Middle Level Education Research, Research in Mathematics Education*
 2003-Present *Reviewer RCML Annual Meeting*
 2002-2005 *Reviewer AERA Annual Meeting*
 SIGs Bootstrapping, Research in Mathematics Education, Middle Level Education Research, RME, Division C & K
 2003-Present *Reviewer SERA Annual Meeting*
 2003-2005 *Reviewer Focus on Learning Problems in Mathematics*
 2002-2004 *Reviewer PME-NA 2002 Annual Meetings: Athens, GA and Hawaii*
 2002-2003 *Guest Reviewer Psychological Reports: Perceptual and Motor Skills*
 2001-2003 *Reviewer for AACTE Annual Meeting: LA, Atlanta*
 2001-2002 *Reviewer for Louisiana Association of Teachers of Mathematics*
 2001 *Reviewer for MSERA 2001 Annual Meeting: Little Rock*
 2000-Present *Referee for Teaching Children Mathematics.*
 2000-Present *Referee for School Science and Mathematics Journal*
 1998 *Multicultural Reviewer for Middle School Math, Course 1 & 3, Scott Foresman Addison Wesley: Chicago, IL.*
 1998 *Reviewed Citibank Grants for teachers and teacher educators. Citibank Foundation. Miami, Florida*

GRANTS

Submitted

- 2008 *IES. Reading to Solve Verbal (written/word) Problems (RSVP). 1.6 million*
 2008 *Department of Defense- U.S. Army. Computerized Mathematics Models: Understanding the Impact of Representational Models on Cognition. \$75,000*
 2008 *Department of Education. Pathways to Higher Education for At-Risk Student Scholars Collaborating Departments, Sub contract with CDLR, Southwest Texas Community College. 2.8 million.*
 2008 *Spencer Foundation. Developing Representational Models and Success in Middle Grades Mathematics. \$40,000*

Funded (Total Funded \$2,423,893.00 Since 2000)

- 2008-2010 *Texas Education Agency, M-STAR, Co-PI, Awarded \$900,000*
 2007-2009 *Researched-based Inquiry in Elementary Teacher Preparation Quality Enhancement. Co-PI with Dr. Goldsby Awarded \$10,000 8/1/07-7/30/09*
 2007-2010 *New Traditions. Co-PI with Drs. Lewis and Carpenter, Davis, Collins, Quiroz Awarded \$349,000 8/1/07-7/30/10*
 2006-2008 *Texas Education Agency. Texas- Science, Technology, Engineering and Mathematics Center. Supplemental grant. Co-PI with Drs. Scheurich and Slough Awarded \$200,000 8/1/06 -6/30/08*
 2006-2008 *Texas Education Agency. Texas- Science, Technology, Engineering and Mathematics Center. Co-PI with Drs. Scheurich and Slough Awarded \$ 1,000,000 7/13/06*
 2005-2006 *College of Education and Human Development. Research Methodologies Training Workshop for Professional Development. PI Awarded \$1,000 8/05*

Names in bold were graduate students at the time of writing

- 2004-2005 Regent's Initiative Collaborative Grant. *Longitudinal Influences of Conceptual Mathematics on Teacher Classroom Enactments?* Local Funding. Application Submitted 3/18/04. \$18,600. With CoPI with Dr. Mary M. Capraro. **Awarded \$18,600 6/04**
- 2003-2004 Regents' Initiative Collaborative Grant. *Identifying the Factors Influencing Alternative Certification Teacher Retention.* Local Funding. Application Submitted 3/15/03. \$10,000.00. CoPI with Ms. Linda Zientek, Ms. Robyn Bassett, Drs. Lynn Burlbaw and Mary Margaret Capraro. **Awarded \$11,000 4/27/03**
- 2002-2003 Regents' Initiative Collaborative Grant. *Alternative Certification: Measuring Influence and Impact on Teacher Preparation.* Local Funding. Application Submitted 3/15/02. \$11,000.00. Collaboration with CoPIs Ms. Linda Zientek, Ms. Becky Darcy, Drs. Nancy Allen, Lynn Burlbaw, and Mary Margaret Capraro. **Awarded \$11,000 4/9/02**
- 2002-2003 Regents' Initiative Fellowship Grant. *Systemic Integration of Technology in the Preservice Teacher Education Program.* Submitted in coordination and cooperation Co-PI with Drs. Nancy Allen and Mary Margaret Capraro. Local Funding. Application Submitted 3/15/02. **Awarded \$10,000 4/9/02**
- 2001-2002 *Item Analysis and Revision Protocol Development: A Case Study.* Washington, D.C.:AAAS, PI **Awarded \$19,343. 2/02**
- 2001 International Travel Grant. (College of Education-IPECC). *Investigating Cultural Phenomena Related to Mathematics Achievement and Reform Textbook Selections in the Bahamas: A Contrast of an American Study.* PI **Awarded \$500.00 3/01/02**
- 2001 Regent's Initiative Grant. *Effective Teacher Preparation: Comparison of Professional Development School Interns, Integrated Methods' School Interns and Year-long Inquiry Project Interns and their Effect on Student Success in Public School.* **\$40,000.00 Awarded 1/8/01**
- 2000 Professional Enhancement Grant. College of Education. **Awarded \$700.00 9/00**
- 2000 Woman's History Month Grant. Endowment U. of Southern Mississippi. **Awarded \$750.00 6/00**
- 1998 Title VI Region Grant - Teachers Teaching Teachers. State Funded. PI Awarded \$60,000 8/98
- 1997 Title VI grant in cooperation with Florida International University for Teacher Training. State of Florida. PI Awarded \$10,000 8/97
- 1994 Retrofit for Technology Grant. State of Florida. PI Awarded \$263,000 7/94
- 1994 Eisenhower II Mathematics Cooperative Planning Grant, District funding. PI Awarded \$1,200 1/94
- 1993 Tomorrow's Technology Today! Apple Education Foundation. PI Awarded \$120,000 8/93
- 1993 Eisenhower II Math Grant awarded. District Funding. PI Awarded \$1,200, 11/93
- 1993 Technology Incentive Grant awarded, State of Florida. PI Awarded \$90,000 7/93

Unfunded

- 2006-2007 UT- Dana Center- Teacher Quality program. Understanding Functions and Linear Relationships. \$90,000 In conjunction with UT Brownsville.
- 2005-2006 Institute of Education Sciences – Department of Education. Powerful Representations in Middle Grades Mathematics Education (PRiMME) 1.5 million

Names in bold were graduate students at the time of writing

- 2005-2006 National Aeronautics and Space Administration—Curriculum Improvement Partnership Award II Program. *Restructuring Mathematics Learning Environments to Improve Mathematical Understanding*. Application Submitted 10/13/05. \$400,000.
- 2005-2006 Texas Instrument Foundation. *Transferability from Early Representations to Abstract Mathematical Thinking Using Classroom Communication Systems*. Foundation. Application submitted 6/17/05. \$280,000
- 2004 Texas Instrument. *Mathematics Collaboratory*. Foundation. Proposal Submitted 6/12/04. \$350,000. Collaborative with Drs. M. M. Capraro, Kulm, Allen (College of Science).
- 2004 Meadows Foundation. *Technological Representational Affordances for Middle Grades Teachers*. Foundation. Proposal Submitted 6/12/04. \$650,000. Collaborative with Drs. M. M. Capraro, Kulm, Allen (College of Science).
- 2004 National Science Foundation. *Making Mathematics Meaningful to Middle School Students Through Representational Bridging*. National. Proposal Submitted 5/31/04. \$1.6M. Collaborative with. Drs. M. Capraro, Kulm, Thompson, Willson.
- 2004 Texas Instrument. *Texas Pubic School Technology/Graphing Calculator Needs Scan*. Foundation. Proposal Submitted 6/16/04. \$167,860. Investigator with Jon Denton.
- 2003 Teacher Enhancement grant. With Jack Helfeldt (PI) and others.
- 2002 College IE/EF Request for proposal. Proposal to implement a technology based field experience and portfolio \$23,000
- 2001 Faculty Mini-Grant. *Reflective Practitioners: An Analytic Analysis of Teaching Practices*. Application Submitted 10/13/01. \$2000.00
- 2001 Telecommunications and Informatics Task Force (TITF). *Mathematics Information Technology Education Graduate Program*. Application submitted 3/26/01. \$576,400 with Dr. Gerald Kulm.
- 2001 Seed Grant. (College of Education). *Investigating Cultural Phenomena Related to Mathematics Achievement and Reform Textbook Selections in the Bahamas: A Contrast of an American Study*. \$4,000.00

SERVICE

- 2009** University Committee on Illegal Discrimination 9/1/08-9/1/09
iSWEEEP Judge and conference committee one year planning
- 2008-2009** University Committee on Illegal Discrimination 9/1/08-9/1/09
University Level AFS Awards Committee
Teaching, Learning and Culture Assistant department head for research
2008 CEHD Outstanding Alumni Selection Committee
University Search Advisory Committee for CIS Director & Deputy CIO (on-going)
iSWEEEP Judge 5/1-5/4/08 and conference committee one year planning
Harmony Schools Science Fair Judge
- 2007-2008** College of Education and Human Development Council of Principal Investigators (8/31/07-8/31/10)
College of Education and Human Development Research Methods Certificate Committee
University Search Advisory Committee for CIS Director & Deputy CIO

Names in bold were graduate students at the time of writing

- Teaching Learning and Culture Evaluation Document Committee
- 2006-2007** President Elect/Program Chair-**Southwest Educational Research Association**
National Middle School-Research Advisory Board Conf. Proposal Reviewer.
Department Research Core Committee
Appointed to the *Research Advisory Board* to the **National Middle School Association (2007-2010)**.
Undergraduate Curriculum Committee (2007-2010)
- 2005-2006** College Level Technology Work Group
Search Committee Science Education
College Task Force on Graduate Studies Report
Middle Grades Research Journal *Editorial Board*
Associate Editor School Science and Mathematics (2006-2009)
- 2004-2005** SERA Newsletter Editor (2005-2007)
Committee Member Hispanic Research Issues SIG Award for Research in
Elementary, Secondary or Postsecondary Education 2005
Editorship Proposal of SSMJ to TAMU with Gerald Kulm Awarded
RCML Conference Committee (2004-2007)
SSMA Policy Committee (2005-2007)
Consolidated the TLAC Graduate Faculty List
College Task Force On Graduate Studies
Search Committee Mathematics Education
Search Committee Science Education
- 2003-2004** AERJ Associate Editor (2003-2007)
Revised Mathematics Education Courses
Department Evaluation Committee
- 2002-2003** Proposal to bring AERJ editorship to TAMU with Bruce Thompson.
Student Evaluation Committee (member)
Strategic Planning Committee (member)
Department Head Search Committee (member)
Mathematics Education Benchmarking Report
Strategic Planning Committee
Will Ferrell Scholarship Fund Committee (member)
Educational Research Exchange (Faculty Representative)
TLAC Student ERE Research Award (Chair)
Outstanding Support Staff Committee (member)
Technology Committee (member)
Student Services Committee (member)
- 2001-2002** Outstanding Support Staff Award Committee (member)
Appointed GCR of Talal M. Alkharobi (Computer Engineering)
Student Research Week In-field Judge
Educational Research Exchange Awards Committee (member)
Educational Research Exchange Outstanding Student Paper Committee (member)
College Committee on Graduate Student Recruitment (member)
Faculty Search Committee for tenure track and clinical faculty positions (member)
- 2000-2001** Faculty Evaluation Committee

Names in bold were graduate students at the time of writing

Student Research Week Out-of-Field Judge
 Field based school involvement
 Mathematics Coordinator (Field based programs)
 Team Leader (Field based programs)
 Elementary Programs Committee
 Technology Committee
 Developing a Summer Masters Program in Mathematics Education with Dr. P. Larke and Gerald Kulm

CURRICULAR REVISIONS

EDCI 627- Teaching and Learning Probability and Chance (Revision for Ed.D online.
 EDCI 622- Theories of Teaching and Learning Mathematics
 EDCI 621- Teaching Secondary School Geometry
 EDCI 689- Mathematics Research in Application
 EDCI 489- Special Topic- Middle Grades Mathematics Problem Solving
 EDCI 689- Theories of Teaching and Learning in Mathematics
 EDCI 624- Diagnosis and Prescription in Mathematics
 EDCI 625- Remediating Error Patterns in Mathematics
 EDCI 689- Analyzing and Reporting Field-based Research
 EDCI 690- Theory of C&I Research
 EDCI 627- Teaching and Learning Probability and Chance
 EDCI 623- Teaching and Learning Patterns and Change

CONSULTING

2001-2002 *Item Analysis and Revision Protocol Development: A Case Study.* Washington, D.C.:AAAS
 2001 *Content Analysis.* Washington, DC: AAAS
 2001 *Reliability Study for Content Analysis.* Washington, DC: AAAS

BOOK REVIEWS

2001 *Case Studies in Mathematics Classrooms.* Columbus, OH: Merrill Prentice Hall
 2001 *Cases in Middle and Secondary Science Education,* Columbus, OH: Merrill

LICENSURE

State of Florida

PROFESSIONAL AFFILIATIONS

National Middle School Association (NMSA)
 Texas Council of Teachers of Mathematics (TCTM)
 Kappa Delta Pi (Honor Society)
 National Council of Teacher of Mathematics (NCTM)
 American Educational Research Association (AERA)
 Middle Level Education Research (MLER)
 Hispanic Research Issues SIG
 Mid-South Educational Research Association (MSERA)
 National Middle School Association (NMSA)
 School Science and Mathematics Association (SSMA)
 Southwest Educational Research Association (SERA)

Names in bold were graduate students at the time of writing

Dade County Council of Teachers of Mathematics (DCCTM)
 Phi Kappa Phi (Honor Society)
 Research Council for Mathematics Learning (RCML)
 Association for Mathematics Teacher Educators (AMTE)
 Psychology of Mathematics Educators-North America (PME-NA)

GRADUATE COMMITTEES

Doctoral

Chris Romero (Chair)
 Antonio Carranza (Chair)
 Jamaal Young (Chair)
 Lea Ellen Burch (Co-Chair)
 Zeynep Ebrar Yetkiner (Chair)
 Kathleen J. Lowry (Member)
 Serkan Ozel (EPSY) (Co-Chair)
 Alma Rangel Chavez (Member)
 Susan Skidmore (EPSY) (Member)
 Murray Cox (Co-Chair)
 Sencer Corlu (Temporary Advisor)
 Melanie Woods (Temporary Advisor)
 Mattie Hutchins (Temporary Advisor)

Masters

Krystal Meredith (Chair- Thesis Option)
 Jason Scarpace (Co-Chair with S. Carpenter Thesis Option)
 Linda Stearns (Co-Chair with MM Capraro)
 Melissa Estes (Temporary Advisor)
 Melissa Matthews (Temporary Advisor)
 April Moon (Temporary Advisor)

Graduated

PhD

Michael Muzheve (Chair Graduated August 2008) Faculty UTexas El Paso
 Tufan Adiguzel (EPSY) (Member Graduated August 2008)
 Diana Piccolo (Chair Graduated May 2008) Faculty U of Missouri
 Jimmy Byrd (EPSY) (Member Graduated May 2008)
 Shirley Matteson (Chair Graduated August 2007)- Faculty Texas Tech University
 Judy Taylor (Chair Graduated December 2006) – Faculty Letourneau University
 Elsa Ruiz (Chair- Graduated December 2006)- Faculty UTexas- San Antonio
 Linda R. Zientek (Chair Graduated May 2006)- Faculty Sam Houston State
 Armando Perez PhD (Co-Chair with Dr. Gerald Kulm- Graduated Summer 2005)
 Adam Harbaugh PhD (Member- Graduated Summer 2005) Faculty UNC-Charlotte
 Tamara Carter PhD (Member- Graduated Summer 2005) Dept. Chair OK Com Col
 Sun Ye PhD (Defense-Member- Graduated Summer 2005)
 Zhonghe Wu PhD (Member; Graduated Summer 2004)

MS-Thesis option

Elizabeth Matthiesen (Chair Thesis option- Graduated May 2006)
 April Gilbert (Chair- Thesis option- Graduated May 2006)
 Heather Louder (Member- Thesis option Graduated Fall 2005)

Names in bold were graduate students at the time of writing

Emilie Naiser (Chair- MS Thesis option; Graduated Fall 2004)
 Stacey English (Co-Chair with Dr. C. E. Lamb MS-Thesis option; Graduated Fall 2003)
 Lori Butler (Member -Thesis option- graduated August 2002)
 Mary Hammer (Member-Thesis option- graduated August 2002)

MEd

Jamaal Young (Chair)
 Stephanie Fisseler (Member)
 Nicole Bowden (Co-Chair with MM. Capraro)
 Hamza Anderoglu (Member- EPSY; Graduated May 2008)
 Wendy Wright (Co-Chair with Dr. Mary Margaret Capraro; Graduated Summer 2004)
 Heather Muller (Co-Chair with Dr. Mary Margaret Capraro; Graduated Summer 2004)
 Amber Senter (Co-Chair with Dr. Mary Margaret Capraro; Graduated Summer 2004)
 Laura Sebesta (Member- Graduated Summer 2004)
 Deborah Fannin (Chair Graduated Fall 2003)
 Robyn Bassett (Chair Graduated Summer 2003)
 Charlotte Bolling (Member Graduated Summer 2003)
 Josh McDonald (Chair- Teaching Certificate only)
 Semsettin Bezer (MS-Thesis option- Graduated May 2002: Admitted to PhD elsewhere)
 Zihxia You (graduated- May 2002)
 Allison Decker (Co-Chair with Dr. Lynn Burlbaw- graduated August 2002)
 Kelly Kelly (Co-Chair with Dr. Lynn Burlbaw- graduated August 2002)
 Chris Romero (graduated May 2002)

COURSES TAUGHT

2009

Sabbatical (Spring)

2008

EDCI 623 (Fall)

EDCI 628 (Fall)

2007-2008

EDCI 628 (Fall)

EDCI 627 (Spring)

Assistant Department Head December - August

EDCI 625 (Summer)

2006-2007

EDCI 628 (Fall)

EDCI 627 (TTVN and Local) (Spring)

2005-2006

EDCI 450 (Fall)

EDCI 628 (Fall)

TEFB 407 (Fall)

EDCI 685 (Spring)

EDCI 627 (Spring)

Course Release (Spring)

EDCI 624 (May Mester)

EDCI 625 (Summer I)

2004-2005

EDCI 689 (Fall)

Course Release from Previous Summer (Fall)

EDCI 450 (Fall) Mentored Diana Piccolo Graded papers, co-developed and co taught lessons

EDCI 450 (Fall) Mentored Margaret Mohr Graded papers, co-developed and co taught lessons

Names in bold were graduate students at the time of writing

EDCI 690 (Spring)
EDCI 617 (Spring)
EDCI 407 (Spring)

2003-2004

Course Release from Previous Summer (Fall)
Course Buyout (Fall)
EDCI 690 (Spring)
Course Buyout (Spring)
EDCI 624 (May Mester)
EDCI 625 (Summer I)
EDCI 627 (689) (Summer I) overload

2002-2003

EDCI 622 (Fall) 4.87
EDCI 689 (Spring) 4.92
EDCI 624 (Summer I)
EDCI 625 (Summer II) overload

2001-2002

EDCI 622 (Fall) 4.89
EDCI 689 (Spring) 5.0
EDCI 489 (Spring) overload 3.80
EDCI 621 (Summer I)
EDCI 685 (Summer II)
EDCI 485 (Summer II)

2000-2001

TEFB 412 (Fall & Spring) 3.87 (no reporting)
TEFB 413 (Fall & Spring) 4.02; 3.66
EDCI 619 (Summer I)

Overall

Undergraduate 3.87; 4.02; 3.66; 3.80
Graduate 4.87; 4.92; 4.89; 5.0

Instructor is well prepared for class

Undergraduate 4.0 4.24; 4.40
Graduate 5.0; 5.0; 5.0

I certify that all information contained herein is correct and accurate.

Robert M. Capraro

Date