

# CURRICULUM VITA

NAME: Dr. Gregory Chamblee

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## EDUCATION

Ph.D.	Summer 1995	Curriculum and Instruction <b>Emphases:</b> Mathematics; Mathematics Education University of North Carolina at Chapel Hill <b>Dissertation:</b> Using Graphing Calculators to Teach First Year Algebra: North Carolina
Mathematics		Teachers' Concerns
M.Ed.	Summer 1992	Curriculum and Instruction Instructional Technology North Carolina State University
B.S.	Fall 1987	Mathematics Education North Carolina State University
B.S.	Spring 1986	Computer Science North Carolina State University

## Professional Experience

1998 August -	Assistant Professor Department of Middle Grades and Secondary Education Georgia Southern University *teach preservice middle grades mathematics methods course *teach preservice secondary mathematics methods course *conduct student teacher supervision (middle grades and high school) *teach M.Ed./Ed.S. mathematics in the middle grades course *teach M.Ed./Ed.S. mathematics in the secondary school course *teach Ed.D. mathematics/science/technology cognate courses
1995 September – 1998 June	Assistant Professor Department of Mathematics California State Polytechnic University, Pomona *taught courses for prospective elementary (K-8) teachers *taught/co-taught technology applications in K-12 mathematics *taught courses for prospective secondary mathematics teachers *taught secondary mathematics methods (Grades 7-12) *conducted student teacher supervision (middle and high school)
1995 January – 1995 June	Graduate/Research Assistant Center for Mathematics and Science Education University of North Carolina at Chapel Hill *coordinator for several Eisenhower grants *researched teachers use of technology to teach grades 7-12 mathematics

1994 October - 1995 February	<p>Research Assistant  Association of Teacher Educators Newsletter  *helped edit newsletter</p>
1994 August – 1994 December	<p>Co-instructor Secondary Mathematics Methods  University of North Carolina at Chapel Hill  *taught lesson planning skills, methods for integrating manipulatives and technology, and meeting the needs of special education students</p>
1994 August – 1994 December	<p>Secondary Mathematics Student Teacher Supervision  University of North Carolina at Chapel Hill  *clinical supervision of 7 student teachers</p>
1994 January – 1994 August	<p>Graduate/Research Assistant  Center for Mathematics and Science Education  University of North Carolina at Chapel Hill  *coordinator for several Eisenhower grants and an NSF grant  *researched the effectiveness of a state-sponsored Algebra for Everyone initiative</p>
1994 February – 1994 May	<p>Educational Statistics/Research Design Tutor  School of Education Graduate Students  University of North Carolina at Chapel Hill  *Tutored elementary statistics concepts and uses of ANOVA</p>
1993 August – 1993 December	<p>Secondary Mathematics Student Teacher Supervision  University of North Carolina at Chapel Hill  *clinical supervision of six student teachers</p>
1993 January – 1993 August	<p>Graduate Assistant  Center for Mathematics and Science Education  University of North Carolina at Chapel Hill.  *coordinator for several Eisenhower grants and an NSF grant</p>
1992 August – 1992 December	<p>Secondary Mathematics Student Teacher Supervision  University of North Carolina at Chapel Hill  *clinical supervision of 8 student teachers</p>
1990 February	<p>Computer Workshop Instructor  Introduction to Secondary Content Software Packages  Wake County Public Schools  Raleigh, North Carolina</p>
1989 June	<p>Computer Workshop Instructor  Computer Literacy for Public School Teachers  Wake County Public Schools  Raleigh, North Carolina</p>

1987 March - 1992 June                      High School Teacher  
Mathematics/Computer Science  
Wake County Public School System  
Raleigh, North Carolina

1986 August – 1986 December            Student Teacher - High School  
Mathematics/Computer Science  
Wake County Public Schools  
Raleigh, North Carolina

## **Certifications**

North Carolina a. Mathematics - Doctoral Level b. Computer Education c. Instructional  
Technology Specialist - Computers (K-12)

## **Graduate Faculty Status**

2001      Full Graduate Faculty Status Granted - Georgia Southern University  
1999      Associate Graduate Faculty Status Granted - Georgia Southern University  
1998      Temporary Graduate Faculty Status Granted - Georgia Southern University

## **Presentations**

Chamblee, G. (January, 2002). Improving the Preparation of Secondary Mathematics Teachers:  
A Dialogue Between Mathematicians and Mathematics Educators. Association of  
Mathematics Teacher Educators (AMTE) Conference, San Antonio, TX.

Chamblee, G. (November, 2001). Integrating Modeling in the Classroom: A use of US Census  
Data. South Carolina Council of Teachers of Mathematics (SCCTM) Conference,  
Greenville, SC.

Thomas, D., Allen, M., Branch, K., Chamblee, G., DeLoach, C., Eckenroth, A., Frost, K.,  
Harris, S., King, A., Ruebel, K., Schriver, M., Sikes, M., & Swanson, T. (November, 2001).  
Interdisciplinary Team Projects in a University Middle Grades Program: Mighty 8<sup>th</sup> Air  
Force Museum and Cumberland Island. National Middle School Association (NMSA)  
Conference, Washington, DC.

Chamblee, G. (October, 2001). Using US Census Data to Project Population Trends. Georgia  
Council of Teachers of Mathematics (GCTM) Conference, Rock Eagle, GA.

Slough, S., Chamblee, G. & Aull, J. (February, 2001). Integrating Mathematics, Science, and  
Technology Education Goals: An Interdisciplinary Approach. Society for Information  
Technology and Teacher Education (SITE) Conference, Orlando, CA.

- Chamblee, G. (January, 2001). Implementing Technology in Mathematics and Science Classrooms: Are there commonalities and differences? Association of Mathematics Teacher Educators (AMTE) Conference, Costa Mesa, CA.
- Chamblee, G., McKenna, B., Smith, G., Huddlestun, D., Lariscy, C., Bennett, M. & Warkentin, R. (January, 2001). Initial Governance Structures: Successes and Struggles. Georgia Partner School Conference, Macon, GA.
- Taylor, L. & Chamblee, G. (April, 2000). Certification Implications of the Principles and Standards. National Council of Teachers of Mathematics (NCTM) Conference, Chicago, IL.
- Slough, S. & Chamblee, G. (February, 2000). Grades 4 and 5 Teachers' Perceptions of Technology. Implementation in Mathematics Instruction. Mathematics/Science Education & Technology (M/SET) Conference, San Diego, CA.
- Slough, S. & Chamblee, G. (February, 2000). Implementing Technology in Secondary Science and Mathematics Classrooms: A Perspective on Change. Society for Information Technology and Teacher Education (SITE) Conference, San Diego, CA.
- Chamblee, G. & Pugalee, D. (February, 2000). Middle Grades Pre-service Mathematics Education: Consensus or Not? Association of Mathematics Teacher Educators (AMTE) Conference, Charlotte, NC.
- Pugalee, D. & Chamblee, G. (February, 2000). Moving Beyond Rhetoric to Practice in Mathematical Discourse. Association of Mathematics Teacher Educators (AMTE) Conference, Charlotte, NC.
- Chamblee, G. (February, 2000). Helping Students Visualize Geometry: A Dot Paper Experience. Georgia Middle School Association (GMSA) Conference, Atlanta, GA.
- Chamblee, G. (October, 1999). A developmental approach to teaching: The van Hiele model. National Middle School Association. Orlando, FL.
- Sliva, J. & Chamblee, G. (March, 1999). Technology in Secondary Preservice Mathematics Teacher Education Programs: A Discussion on Essential Technology Competencies Mathematics/Science Education & Technology (M/SET) Conference, San Antonio, TX.
- Chamblee, G., Sliva, J., Slough, S. & Louden, C. (March, 1999). Implementing Technology in Secondary Mathematics and Science Classrooms: Do We Have Common Goals? Barriers? Models for Change? International Conference on Mathematics/Science Education & Technology, San Antonio, TX.

- Kostin, M., Stephens, J., Bennett, M., Chamblee, G., Carroll, R. (March, 1999). But Can They in the Block? Redesigning Secondary Preservice Education to Prepare High School Teachers in a Collaborative, Integrated, Field-Based Setting. Georgia Association of Colleges for Teacher Education /Georgia Association of Teacher Educators (GACTE/GATE) Conference. Callaway Gardens, GA.
- Chamblee, G. (February, 1999). Teaching Geometry via paper folding. Georgia Middle School Association (GMSA) Conference. Atlanta, GA.
- Sheppard, R., Allen, M., Thomas, D., Schriver, M. & Chamblee, G. (February, 1999). An Interdisciplinary Unit Based on Cumberland Island. Georgia Middle School Association (GMSA) Conference. Atlanta, GA.
- Chamblee, G. (January, 1999). Problem Solving in Geometry via the TI-92. International Teachers Teaching with Technology (T3) Conference, Chicago, IL.
- Pugalee, D. & Chamblee, G. (January, 1999). Mathematical and Technological Literacy: Developing an Integrated 21st Century Model. Association of Mathematics Teacher Educators (AMTE) Conference, Chicago, IL.
- Chamblee, G. (January, 1999). Teaching Problem Solving in Geometry via the TI-92. International Teachers Teaching with Technology (T3) Conference, Chicago, IL.
- Chamblee, G. (April, 1998). Teaching Geometry via Geoboard. Center for Education and Equity in Mathematics, Science and Technology (CEEMaST) Conference, Pomona, CA.
- Chamblee, G. (April, 1998). Using the TI-92 in High School Geometry. Center for Education and Equity in Mathematics, Science and Technology (CEEMaST) Conference, Pomona, CA.
- Chamblee, G. (March, 1998). Exploring Recursion With the TI-82 Calculator. International Teachers Teaching with Technology (T3) Conference, Nashville, TN.
- Chamblee, G., Pugalee, D., Rachlin, S., Beal, S. & Klespis, M. (January, 1998). Integrating Pedagogy in Mathematics Content Courses for Prospective Secondary Mathematics Teachers: Is it Needed. Association of Mathematics Teacher Educators (AMTE) Conference, Pomona, CA.
- Chamblee, G. (November, 1997). TI-92 Geometry! Exploring Its Classroom Applications. California Mathematics Council - South (CMC-South) Conference, Palm Springs, CA.
- Chamblee, G. (April, 1997). Exploring Young Children's Thinking Using Pattern Blocks. Center for Education and Equity in Mathematics, Science and Technology (CEEMaST) Conference, Pomona, CA.

- Chamblee, G. (April, 1997). The Role of Matrices in the Secondary Curriculum: A Technology Based Approach. Center for Education and Equity in Mathematics, Science and Technology (CEEMaST) Conference, Pomona, CA.
- Chamblee, G. (April, 1997). Tutoring Secondary Mathematics: A Guide to Success. California State Polytechnic University - Pomona Precollegiate Academic Assistance (PAA) Program, Pomona, CA.
- Chamblee, G. (March, 1997). Functions and Graphing Calculators: Helping Students Make Connections. Los Angeles City Teachers' Mathematics Association (LACTMA) Conference, California State University - Dominguez Hills, Los Angeles, CA.
- Chamblee, G. (February, 1997). Looking Backwards to see the Future of Technology in Mathematics Teacher Education. Association of Teacher Educators (ATE) Conference, Washington, DC.
- Chamblee, G. (February, 1997). Moving Mathematics Teacher Education into the Future: Successes and Challenges. Association of Teacher Educators (ATE) Conference Mathematics Education SIG, Washington, DC.
- Chamblee, G. (January, 1997). Integrating Problem-Based Learning and Technology in a Course for Prospective Secondary Mathematics Teachers. Mathematical Association of America (MAA) Annual Conference, San Diego, CA.
- Chamblee, G. (November, 1996). Problem-Based Learning, Technology and Secondary Mathematics. California State Polytechnic University - Pomona Faculty Forum: Research and Creative Works, Pomona, CA.
- Chamblee, G. (April, 1996). Documenting the Graphing Calculator Needs of Algebra Teachers: A Concerns-Based Approach. American Educational Research Association (AERA) Annual Meeting, New York, NY.
- Chamblee, G. (April, 1996). Graphing Calculators and Algebra Teachers' Concerns: The Role of Teacher Characteristics. American Educational Research Association (AERA) Annual Meeting, New York, NY.
- Chamblee, G. (October, 1995). Algebra Activities for the Graphing Calculator: Non-Linear Functions. California Mathematics Project, West Covina, CA.
- Chamblee, G. (September, 1995). Chaos: An Integrated Approach to Studying Functions, Graphing and Technology. North Carolina Council of Teachers of Mathematics (NCCTM) Mathematics Conference, Greensboro, NC.
- Chamblee, G. (September, 1995). A Report on North Carolina's First-Year Algebra Teachers use of Technology. North Carolina Council of Teachers of Mathematics (NCCTM) Conference, Greensboro, NC.

Crawford, A., Chamblee, G. & Rowlett, R. (April, 1995). Towards a Constructivist Model of Inservice: The Role of Teacher Concerns in Curriculum Reform. American Educational Research Association (AERA) Annual Meeting, San Francisco, CA.

Chamblee, G., Crawford, A. & Rowlett, R. (March, 1995). A Holistic Analysis of Teacher Concerns During Implementation of a New Algebra Curriculum. North Carolina Association for Research in Education (NCARE) Conference, Greensboro, NC.

Chamblee, G. (March, 1995). Non-linear Applications in Algebra I. North Carolina Council of Teachers of Mathematics (NCCTM) Central Region Conference, Greensboro, NC.

## **Publications**

### Peer-reviewed

Chamblee, G.E. & Slough, S.W. (in press). Implementing Technology in Secondary Science and Mathematics Classrooms: Is the Implementation Process the Same for Both Disciplines? Journal of Computers in Mathematics and Science Teaching.

Schrivver, M. & Chamblee, G. (2001). Cumberland Island: A Refuge for Unique Classroom Experiences. In R. Sheppard (Ed.) Tapping the Richness of the Land: A Handbook for Using Natural and Community Resources. Georgia Middle School Association, Atlanta, GA.

Slough, S.W., Chamblee, G.E. & Aull, J. (2001). Integrating Mathematics, Science, and Technology Education Goals: An Interdisciplinary Approach. In J. Price, D. Willis, N. Davis, and J. Willis (Eds.) Technology and Teacher Education Annual, 2001 pgs. 2541 - 2546. Association for the Advancement of Computing in Education, Charlottesville, VA.

Slough, S. W. & Chamblee, G. E. (2000). Grades 4 and 5 Teachers' Perceptions of Technology Implementation in Mathematics Instruction. In R. Robson (Ed.) Mathematics/Science Education and Technology Annual, 2000 pgs. 363-368. Association for the Advancement of Computing in Education, Charlottesville, VA.

Slough, S. W. & Chamblee, G. E. (2000). Implementing Technology in Secondary Science and Mathematics Classrooms: A Perspective on Change. In D. A. Willis, J. D. Willis, and J. Willis (Eds.) Technology and Teacher Education Annual, 2000 pgs. 1021 - 1026. Association for the Advancement of Computing in Education, Charlottesville, VA.

Chamblee, G., Sliva, J., Slough S. W., & Loudon, C. (1999). Implementing Technology in Secondary Mathematics and Science Classrooms: Do We Have Common Goals? Barriers? Models for Change? In D. A. Thomas (Ed.) Mathematics/Science Education and Technology Annual, 1999 pgs. 396-399. Association for the Advancement of Computing in Education, Charlottesville, VA.

Chamblee, G. & Sliva, J. (1999). The Minnesota Population Problem. Math Times, Winter 1999, 18 – 21.

Crawford, A., Chamblee, G. & Rowlett, R. (1998). Assessing Concerns of Algebra Teachers During a Curriculum Reform: A Constructivist Approach. Journal of In-service Education, 24(2), 317-328.

Chamblee, G. (1997). Mathematics Teacher Involvement With Technology-Based Instruction: An Assessment of Current Practices. Centroid, 24(1), 36-39.

Chamblee, G. (1997). Predicting Year 2000 California and United States Populations. Communicator, 22(2), 56-57.

#### Not-Peer Reviewed

Chamblee, G. (2001). Standards-Based Teacher Education Project (STEP): Secondary Mathematics Committee Report. Georgia Southern University.

Chamblee, G. & McKenna, B. (2000). Effingham County Middle School Survey Data Analysis Report. Effingham County Middle School SACS Report.

Pugalee, D. & Chamblee, G. (2000). Mathematical and Technological Literacy: Developing an Integrated 21<sup>st</sup> Century Model. Fourth Annual Association of Mathematics Teacher Educators Proceedings, Charlotte, NC. <http://www.amte.net>

Chamblee, G. (1999). Problem Solving in Geometry via the TI-92. Proceedings of the International Teachers Teaching with Technology (T<sup>3</sup>) Conference, Chicago, IL.

Chamblee, G. (1997). Centroid Mathematics Teacher Education: Key Priorities & Successful Jobs (Eds.), Proceedings of Teaching, Learning, and Learning Teaching: The Exxon/Cal Poly Conference on the Preparation and Professional Development of Mathematics Teachers (pp. 65-66). Reston, Virginia: National Council of Teachers of Mathematics.

Chamblee, G. (1997). Teaching Mathematics with the TI-82 Calculator: A Beginner's Guide. Center for Education and Equity in Mathematics, Science and Technology: Cal Poly Pomona.

Chamblee, G. (1995). Priorities Out of Order. ATE Newsletter, 29(1), 7.

#### In Progress

Crawford, A. & Chamblee, G. (Editing). Algebra For Everyone Textbook.

Chamblee, G. & Slough, S. (under revision). Teaching, Technology and Mathematics: A Dialogue with Grades 4 and 5 Teachers. Submitted to Georgia Middle School Association Journal.



## Ed.S. Projects

Crumpler, Robyn (2001). The Effect of Graphing Calculators on Students' Procedural and Conceptual Understanding of Quadratic Function.

## Doctoral Candidacy Committees

3 students (Steven Garrison, Nancy Brown, Debbie Evans)

## Dissertation Committees

Ward, Cherry (2001). The Relationship of Flexible Learning Time Provided by Paced Algebra To Students' Attitudes Toward Mathematics and Achievement in Algebra I.

Kicklighter, Alan (in progress).

Evans, Debbie (in progress).

## Grants

Chamblee, G., Hosticka, A. & Taylor, S. (2001). College Algebra for Prospective P-8 Teachers. The University of Georgia Board of Regents P-16 Initiative. \$5000. **[FUNDED]**

Chamblee, G, Freyermuth, S., Edwards, S., & Bruce, T. (2001). Real World Math with Georgia Pacific [Grant written with partner school]. \$5000. **[FUNDED]**

Chamblee, G., Hosticka, A. & Taylor, S. (2000). Improving the Mathematics Subject-Matter Preparation of Elementary School Teachers (AASCU sponsored grant – conference travel funds only). [Not Funded; BOR Initiative funded instead]

Chamblee, G. (2000). Advanced Academies for Future Teachers (BOR P-16 Initiative). \$110,000. [NOT FUNDED]

Chamblee, G. & Moseley, J. (2000). Georgia Southern University College of Education Research Mini-Grant. \$500.

Chamblee, G. & Moseley, N. (2000). Georgia Southern University Partner School Mini-Grant. \$250.

Chamblee, G. & Ward, C. (1999). Georgia Southern University College of Education Research Mini-Grant [Grant with a doctoral student]. \$500.

Chamblee, G. & Slough, S. (1998). Georgia Southern University College of Education Research Mini-Grant. \$500.

Chamblee, G. (1997). Association of Mathematics Teacher Educators Travel Grant. \$400.

Chamblee, G. (1996). California State Polytechnic University, Pomona Faculty Development Program. \$850.

Chamblee, G. (1995). California State Polytechnic University, Pomona Faculty Development Program. \$600.

## **Professional Development**

Introduction to Dreamweaver 4.0 (August, 2001). Georgia Southern University Center for Excellence in Teaching. Statesboro, GA.

Standards-Based Teacher Education Preparation (STEP) National Conference (June, 2001). Washington, DC.

SAT9 In Georgia (November, 2000). Georgia Department of Education – Harcourt Brace. Augusta, GA. [Attended as partner representative]

WebCT: Course Management (May, 2000). Georgia Southern University Center for Excellence in Teaching. Statesboro, GA.

Introduction to (and Essentials of) WebCT (May, 2000). Georgia Southern University Center for Excellence in Teaching. Statesboro, GA.

WebCT: Quizzes (May, 2000). Georgia Southern University Center for Excellence in Teaching. Statesboro, GA.

RealPresenter (May, 2000). Georgia Southern University Center for Excellence in Teaching. Statesboro, GA.

PowerPoint 2000 II (May, 2000). Georgia Southern University Center for Excellence in Teaching. Statesboro, GA.

Introduction to PowerPoint 2000 (May, 2000). Georgia Southern University Center for Excellence in Teaching. Statesboro, GA.

Administrative Workshop Series (Fall, 1999). Georgia Southern College of Liberal Arts and Social Sciences. Statesboro, GA.

National Trends in Middle Grades Mathematics (Fall, 1999). National Academy of Science. Washington, D.C.

Colloquium on Teaching and Learning: A Three Day Seminar (February, 1997). The Research Consortium on College Teaching and Learning. Laguna Beach, CA

Mathematical Association of America/EXXON sponsored Teacher Exchange Program, San Diego, CA.

Visited a San Diego High School mathematics teacher's classroom. We discussed the International Baccalaureate Program for High Schools.

Using the New TI-92 Graphing Calculator to Enhance the Teaching and Learning of Mathematics (November, 1996.) Sponsored by Orange and San Bernardino County School Districts. Ontario, CA.

Project NExT (August 1996 - ).

Mathematical Association of America/EXXON sponsored program for first and second year mathematics department faculty members.

Association of Teacher Educators Graduate Student Research Program Mentor (1996).

Problem-Based Learning Institute (August, 1996).

California State Polytechnic University, Pomona. Sponsored by The California State Polytechnic University, Pomona Faculty Development Center.

World-Wide Web Training Session - Creating Web Pages (November, 1995). California State Polytechnic University, Pomona. Sponsored by the California State Polytechnic University, Pomona Information Technology Division.

## Reviewer

2000 HTP PPST – CBT (Praxis I) Textbook

2000 Allyn & Bacon - Middle School Math Methods for Middle Grades

2000 Allyn & Bacon - Middle School Math Methods.

1999 American Educational Research Association Division K 2000 Proposals

1998 US Department of Education Technology Grants – Tier II

1998 US Department of Education Technology Grants – Tier I

1997 Association of Mathematics Teacher Educators 1998 Conference Proposals

1997 American Educational Research Association Division K 1998 Proposals

## Consultant

- 2001 - Department of Mathematics (Georgia Southern University) - College Algebra Reform Initiative
- 2001 Instructor (Effingham High School) After School In-service on Uses of TI-82 Calculators in the Mathematics Classroom
- 2000 Senior Boards Judge – South Effingham High School
- 2000 Science Fair Judge – West Chatham Middle School
- 1999 Department of Mathematics (Georgia Southern University) - Development of 15 semester hours of mathematics content hours for Middle Grade and Early Childhood majors
- 1998 Precollegiate Academic Assistance Program - California State System Initiative
- 1997 San Bernardino County Schools - Proof of Concept Project
- 1997 Precollegiate Academic Assistance Program - California State System Initiative
- 1997 Teachers as Agents of Systemic Change - National Science Foundation Grant
- 1996-98 South Pointe Middle School - Walnut School District - Diamond Bar, CA

## Courses Taught

### Georgia Southern University

#### A. Undergraduate

MGED 3532	Methods of Teaching Mathematics in the Middle Grades
MGED 4799	Student Teaching in Middle Grades
SCED 3537	Methods of Teaching Mathematics in Secondary School
SCED 4799	Student Teaching in Secondary Education

#### Supervision Component

(Board of Regents Principle #1)

The University System will guarantee the quality of any teacher it graduates.

- Any candidate recommended for certification will complete the equivalent of a full academic year in a combination of field experiences and internships in the schools.

(Board of Regents Principle #5)

Teacher preparation programs will be the shared responsibility of education faculty, arts and sciences faculty, and classroom teachers in the schools.

(Board of Regents Principle #6)

Through partnerships with P-12 schools, universities that prepare teachers will have an ongoing responsibility to collaborate with schools in mentoring, induction, and professional development programs for classroom teachers and school leaders.

<http://www.usg.edu/p16/tq/teachprep.html> (University System of Georgia Board of Regents)

Practicum is defined as the field experience where students have their first teaching experience in a public school in their content area. Practicum is a component of middle grade and secondary mathematics students' coursework. Student teaching is defined as the semester students are in the field all day teaching in their content area(s).

#### Practicum and Student Teaching Supervision (Middle Grades)

Langston Chapel Middle School; Southeast Bulloch Middle School; Effingham County Middle School; Screven County Middle School; Claxton Middle School; Swainsboro Middle School

#### Practicum and Student Teaching Supervision (Secondary)

Statesboro High School; Southeast Bulloch High School; Effingham County High School; South Effingham High School; Swainsboro High School; Claxton High School; Tattnall High School

#### B. Graduate

MGED 8531	Teaching Mathematics in the Middle Grades
MSED 7090	Special Topics – Integrating Technology in Mathematics
MSED 7531	Integrating Computing Technology and Mathematics
SCED 7531	Teaching Mathematics in the Secondary School
ESED 8539	Computer Technology in Math/Science Education (doctoral course)

### **California State Polytechnic University, Pomona**

#### A. Mathematics Department (Appointment)

MATH 106	Trigonometry
MATH 191	Survey of Mathematics
MATH 391	Elementary Mathematics from an Advanced Viewpoint
MATH 392	Elementary Geometry from an Advanced Viewpoint
MATH 491	Elementary Geometry from an Advanced Viewpoint II
MATH 492	Technological Applications in Mathematics
MATH 495/499	Topics in Contemporary Secondary Mathematics I

B. Teacher Education Department

TED 434/434A	Curriculum and Methods for Content Area Teachers: Secondary Mathematics (Grades 7-12)
TED 435	Secondary Student Teaching I (Supervision)
TED 436	Seminar: Secondary Student Teaching I
TED 437	Secondary Student Teaching II (Supervision)
TED 438	Seminar: Secondary Student Teaching II

## Partner School Work – Effingham County Middle School

(Board of Regents Principle #5)

Teacher preparation programs will be the shared responsibility of education faculty, arts and sciences faculty, and classroom teachers in the schools.

A partner school is defined as a regular P-12 school, with no change in mission and governance, that chooses to enter into partnership with a university to work on at least four goals:

- a. Preparation of new educators (teachers, counselors, administrators, etc.) for the schools.
- b. Professional development for school and university personnel.
- c. Full support for increased student learning.
- d. Research on best practices that improve both schools and teacher preparation.

(Board of Regents Principle #6)

Through partnerships with P-12 schools, universities that prepare teachers will have an ongoing responsibility to collaborate with schools in mentoring, induction, and professional development programs for classroom teachers and school leaders.

(Board of Regents Principle #10)

The University System will encourage institutions that prepare teachers to give added emphasis to policies that:

- support the efforts of faculty to focus their research on ways to improve classroom teaching and student learning within P-12 schools.
- support increased participation of teacher preparation faculty in the public schools.

<http://www.usg.edu/p16/tq/teachprep.html> (University System of Georgia Board of Regents)

2000 - **Co-Chair** – Effingham County Middle School Partner School Committee  
{We meet once every nine weeks to assess where we are in the partnership and design future activities that will help with school improvement}

#### Publications

Chamblee, G. & McKenna, B. (2000). Effingham County Middle School Survey Data Analysis Report. Effingham County Middle School SACS Report.  
{This document was used as part of the school's SACS accreditation report.}

#### Presentations

Chamblee, G., McKenna, B., Smith, G., Huddleston, D., Lariscy, C., Bennett, M. & Warkentin, R. (January, 2001). Initial Governance Structures: Successes and Struggles. Georgia Partner School Conference, Macon, GA.

#### Grants

Chamblee, G, Freyermuth, S., Edwards, S., & Bruce, T. (2001). Real World Math with Georgia Pacific. \$5000.

#### Professional Development

SAT9 In Georgia (November, 2000). Georgia Department of Education – Harcourt Brace. Augusta, GA.

#### Events Attended

Field Day

Effingham County SACS Reception

SACS Executive Committee Meetings

SACS Meeting To Discuss/Develop Action Steps

Partner School Reception for Faculty That Worked With GaSou During the 2000 Academic Year

## **Committee Work**

#### National

2001 – 2003 **Site Coordinator** - Association of Mathematics Teacher Educators 2003 Conference, Atlanta, GA.

2001 - Member - School Science and Mathematics Program Committee

2001- 2002 Member - Association of Mathematics Teacher Educators Electronic Communication Committee

1999 - 2001 **Chair** – Association of Mathematics Teacher Educators Electronic Communication Committee

1998 - 1999 **Chair** - Association of Mathematics Teacher Educators Website Committee

1997 Member - Association of Mathematics Teacher Educators 1998 Conference Program Committee

### Local

2001 – 2002 **Research Officer** - Georgia Southern University Phi Delta Kappa Chapter

2000 - 2001 **President** – Georgia Southern University Phi Delta Kappa Chapter

### Georgia Southern University

#### A. Department

2001 - Member – Graduate Program Action Committee  
2001 - Member – Middle Grade Program Action Committee  
2000 – 2001 Preparation of Middle Grade & Secondary NCATE Mathematics Education Program Documents (B.S.Ed., M.Ed. and Ed.S.)  
1998 - Member – Secondary Program Action Committee  
1998 - Member – Middle Grade Block II Committee  
1998 Search Committee – Middle Grade Faculty Member  
1998 - 1999 Webmaster – Departmental Website

#### B. College of Education

2001 **Chair** – Secondary Mathematics Certification Standards-based Teacher Education Program Committee  
2000 - 2003 Member – Undergraduate Curriculum Committee  
2000 - Member – Partner School Committee  
1999 - Member – University Honors Ad Hoc Committee  
1999 Search Committee – Curriculum, Foundations & Research Faculty Member  
1998 - 2000 Member – Graduate Admissions Exceptions Committee  
1998- Member - P-16 Committee

#### A. University

2001 - Library Committee  
2001 - Faculty Research Committee

### California State Polytechnic University, Pomona

#### A. Mathematics Department (Appointment)

1996 - 1998 **Chair** - Mathematics Education Committee  
1996 - 1998 Member - Program Review Committee  
1996 - 1998 Member - Preparatory Mathematics Program Committee

- 1996 - 1997 Member - Computer Committee
- 1995 Member - Ad Hoc Committee on Changing Masters Degree
- 1995 - 1998 Member - Mathematics Education Committee
- 1995 - 1998 Evaluator - Secondary Mathematics Credential Program

B. College of Science

- 1995 - 1998 Teaching Evaluation Task Force

C. School of Education

- 1996 - 1997 Member - Elementary Mathematics/Science Educator Search Committee
- 1997 Member - Student Teacher Handbook Revision Committee
- 1996 - 1998 Member - Masters Degree Program Advisor List
- 1995 - 1998 Visiting Member - Teacher Education Department Meetings
- 1995 - 1998 Member - Teacher Education Advisory Board

D. University

- 1995-96 Member - Kellogg Scholars Committee

**Graduate School**

- 1994-95 Graduate Student Representative - The University of North Carolina at Chapel Hill Student Congress
- 1994-95 **President** - The University of North Carolina at Chapel Hill School of Education Graduate Student Association
- 1994-95 Member - The University of North Carolina at Chapel Hill Graduate and Professional Student Federation (GPSF) Finance Committee
- 1993-94 **Treasurer** - The University of North Carolina at Chapel Hill School of Education Graduate Student Association

**K-12 Teaching Career**

A. School

- 1991-92 Member - Technology Committee
- 1990-91 **Chair** - Technology Committee

B. School District

- 1990-91 Member - Grant writing team for Integrated Signal Digital Networking (ISDN) project between a high, middle and elementary school
- 1990-92 Member - Evaluation and Research Committee

1990-91 Member - Computer Science Textbook Adoption Committee

C. Honors

1990 Co-mentor teacher - Winning Central Region Team - North Carolina Math-Science-Technology Superquest Competition sponsored by Supercomputing Center in Research Triangle Park, North Carolina

1988-92 Computer Resource Teacher - District designated for high school

## **Professional Memberships**

AACE Association for the Advancement of Computing in Education  
AERA American Educational Research Association  
AMTE Association of Mathematics Teacher Educators  
GCTM Georgia Council of Teachers of Mathematics  
GMSA Georgia Middle School Association  
NCTM National Council of Teachers of Mathematics  
PDK Phi Delta Kappa  
SSMA School Science and Mathematics