

Kenneth W. Gattis
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EDUCATION

Doctor of Philosophy, Science Education, North Carolina State University, 1995.

Master of Arts, Science Education, East Carolina University, 1988.

Master of Industrial Engineering, Ergonomics with Environmental Health minor, North Carolina State University, 1980.

Bachelor of Science, Industrial Engineering, North Carolina State University, 1979.

EXPERIENCE (FULL-TIME)

Senior Research & Evaluation Coordinator, North Carolina State Department of Public Instruction, Raleigh, NC, 2005 – February, 2017. Coordinated NC Schools alternative learning programs and the state's 21st Century Community Learning Center program. Managed procedures related to school safety and climate issues based on state statute and State Board of Education policy. Produced annual state reports on dropouts, school crime and violence, and suspensions and expulsions.

Director, Academic Services, Farquhar College of Arts and Sciences, Nova Southeastern University, Fort Lauderdale, FL, 2003-2005. Oversaw tutoring, testing, and disability services in an undergraduate college. Evaluated outcomes and supervised a staff of six.

Director, Undergraduate Tutorial Center, North Carolina State University, Raleigh, NC, 1999 – 2003. Oversaw tutoring and Supplemental Instruction programs. Taught tutor training classes for undergraduate employees of the Center.

Coordinator, Supplemental Instruction (SI) Program, North Carolina State University, 1992 - 2000. Trained and supervised tutors and SI leaders. Evaluated program outcomes. Produced videos for training tutors and SI leaders--used internally and marketed to other tutorial centers. Presented at numerous conferences on topics of tutor training and program evaluation. As director, supervised a professional staff of five.

High School Science Teacher, Lenoir County (NC) Board of Education, 1986-1988.
Taught physics and physical science at South Lenoir High School.

Industrial Engineer, Union Carbide Corporation, Battery Products Division, Greenville, NC, 1980-1985. Responsible for establishing product costs and improving workflow, workplace design, and plant layout. Coordinated plant cost reduction system.

VIDEO PRODUCTIONS

Executive Producer / Writer, *A Look at Productive Group Learning Sessions*, 2002.

Executive Producer / Writer, *A Look at Productive Tutoring Techniques*, completed 1998, revised 1999 & 2000.

PUBLICATIONS

What Supplemental Instruction Tells Us About Effective Tutor Training. CRLA Tutor Training Handbook, Revised Edition, S. Deese-Roberts, Ed. Auburn, CA: College Reading and Learning Association, 2003.

Maintaining an Effective Academic Support Program with the Training Cycle. CRLA Tutor Training Handbook, Revised Edition, S. Deese-Roberts, Ed. Auburn, CA: College Reading and Learning Association, 2003.

Responding to Self-Selection Bias in Assessments of Academic Support Programs: A Motivational Control Study of Supplemental Instruction. *The Learning Assistance Review*, 7, 2 (Fall 2002).

User's Guide to A Look at Productive Tutoring Techniques (3rd Ed.). Raleigh, NC: North Carolina State University, 2005.

Long-Term Knowledge Gains Due to Supplemental Instruction in College Chemistry Courses. *Journal of Research and Development in Education*, 33, 2 (Winter, 2000).

SELECTED CONFERENCE PAPERS / PRESENTATIONS

Conversational Tutoring Sessions: How and Why. Association for the Tutoring Profession, March 27, 2006 (with Barbara Windom).

Training Tutors to Address Student Differences. Association for the Tutoring Profession, April 12, 2005.

Program Assessment for Quality Documentation and Decision-Making. North Carolina State University Assessment Symposium, April 8, 2003.

Using Video to Model Effective Group Session Leader Techniques. National College Learning Center Association, October 4, 2002.

Training Tutors About Learning Style Differences. Teaching Academic Survival Skills Conference, March 4, 2002 (with Barbara Windom).

Answering Skeptics' Concerns about the Effectiveness and Academic Support Programs. 3rd National Conference on Research in Developmental Education, October 26, 2001.

A Tutor Training Curriculum Featuring Video to Model Effective Tutoring Techniques.

European Access Network, June 26, 2001.

Incorporating a Constructivist Philosophy in Tutor Training: A Training Video on Using the Student's Ideas. College Reading and Learning Association, November 10, 2000.

A Look at Productive Tutoring Techniques. Pacific Rim Conference on Higher Education Planning and Assessment, June 7, 2000.

Long-Term Knowledge Gains Due to Supplemental Instruction in College Science Courses. National Association for Research in Science Teaching, March 30, 1999.

How Do You Know It Works? Assessing the Outcomes of Academic Support Programs. Strategies for Increased Retention Conference, June 5, 1997.

An Interdisciplinary Research Base for Investigating the Effectiveness of Demonstrations in Concept Teaching. National Association for Research in Science Teaching, April 2, 1996.

CONSULTING

Edstar Analytics, Raleigh, NC, February, 2017 to present. Collected and compiled data for program evaluations. Assisted with professional development activities.

Undergraduate Tutorial Center, North Carolina State University, 2005. Advised on tutoring assignments, center policies, and contracts for tutor training video products. Provided feedback on tutoring and SI leader performance.

BK Development, LLC, 2005. Advised on startup of online tutoring program, StudyLoft.com. Provided two-day training session for tutors and tutor trainers in Bangalore, India.

Fayetteville State University, Fayetteville, NC 2002. Advised staff and provided training sessions for a new Supplemental Instruction program at the university..

National Tutoring Resource Center, Indianapolis, Indiana 2000-2001. Consulted on major program themes, helped with video editing, and helped write User's Guide material and video narrations for *TutorLink*, a comprehensive high school/middle school tutoring program.

Bahlsen, Inc., Cary, NC, 1989. Assisted in the startup of the Industrial Engineering Department of a rapidly expanding snack foods operation. Advised on cost accounting and productivity matters.

SELECTED SERVICE ACTIVITIES

Founding Member of the Association for the Tutoring Profession, 2003.

Chair, Constitution and By-Laws Committee, Association for the Tutoring Profession, 2003-2006.

Presenter, MBTI and Learning Styles for various NC State classes, 1997-2002.

Interviewer and/or folder reviewer, Merit Award Scholarships, North Carolina State University, 1993, 1996, 1997, 1999, 2000, 2002.

Trainer / Facilitator, Continuous Quality Improvement program, NC State University, 1993-1995.

GRANTS RECEIVED

April, 1997, North Carolina State University, Office of the Provost. \$1630 for technical support in developing tutor training videotapes.

April 1995, North Carolina State University, Office of the Provost. \$1510 for studying the use of learning styles in tutoring and Supplemental Instruction programs.

CERTIFICATES

Master Tutor and Master Tutor Trainer certifications, Association for the Tutoring Profession.

Myers-Briggs Type Inventory (MBTI) administration qualification.

North Carolina "G" Teaching Certificate, Comprehensive Science with Mathematics endorsement. (Inactive).

Mentor Teacher Certificate, Department of Curriculum and Instruction, North Carolina State University.

North Carolina Professional Engineer #11600 (Inactive).