

Curriculum Vita
Christopher J. Thompson

Science Specialist in Curriculum Development Technology
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Education:

Bachelor of Science, December 1985, University of Michigan, Ann Arbor, Michigan
Master of Science, December 2004, Mississippi State University, Earth Science

Areas of Expertise:

- Grades K-9 Science Teacher Professional Development
- Grades K-9 Science Teaching
- Grades K-9 Science Curriculum Development
- Geosciences
- Standardized Assessment Development
- Technology Integration
- ESL Strategies

Experience:

Aldine ISD 1999-present

K-6 Science Specialist, Rice-Aldine Science Collaborative

Directed and developed the science program on a Grades 4-5 science magnet campus before moving into a district curriculum development position.

- Developed and coordinated an integrated campus-wide curriculum.
- Managed a group of departmentalized science teachers.
- Coordinated Family Science Nights and campus Science Fairs.
- Established an outdoor learning environment.
- Wrote district-wide K-6 science curriculum.
- Designed and produced electronic delivery system for distribution of curriculum.
- Coordinated and contributed to district science assessments.
- Developed and provided teacher professional development related to science content.
- Designed and produced district Science Fair website.

Harcourt Psychological Measurement 2000 - present

Freelance Item Writer

Wrote test items for standardized state science assessments.

- Analyzed state standards for multiple grade levels in several states including Texas, New Mexico and Virginia.
- Wrote test items based on analysis of state science standards.

Spring ISD

1997-1999

Teacher, Algebra and Integrated Physics & Chemistry

Taught Algebra and Integrated Physics & Chemistry to ninth graders with limited English proficiency as well as working as a Computer Liaison.

- Developed unique science curriculum to meet the needs of limited English proficient students.
- Managed a team of algebra teachers.
- Trained and provided technical assistance for teachers in support of campus grading software.

Houston ISD

1988-1999

Teacher, Science

Taught science in grades 6 through 8 on several campuses throughout the district including Burbank, Deady and Lanier Middle Schools.

- Taught science to limited English proficient students in grades 6 – 8.
- Lead a team of students in an after school program, Gulf Coast Alliance for Minorities in Engineering (GCAME).
- Participated in the Rice Model Science Lab at Lanier Middle School (1994-1995).

Additional Coursework/Training:

University of Houston, Houston, Texas

Spanish Language and Literature, Bilingual, Post-Baccalaureate Studies

Rice University, Houston, Texas

Rice-HISD Model Science Lab, Technology Training Project,
Science Content, and Science Methods Classes

Baylor College of Medicine, Houston, Texas

Scope, Sequence, and Coordination Teacher Training

Houston Independent School District, Houston, Texas

WOOPS Training (Workshop On Outstanding Presentation Skills)

Teaching and Training Delivered:

Rice Aldine Science Collaborative, Summer Institute Bridging Training, June 2005

Numerous Rice Aldine Science Collaborative After School Trainings (2002-2005)

Rice Aldine Science Collaborative Curriculum Pilot Group Training

“Kindergarten Physics Curriculum”, Co-Presenter, October 2002

National Science Teachers of America Conference, San Diego, California

“Education for the Energy Industry Curriculum”, Co-Presenter, April 2002

Rice Aldine Science Collaborative Summer Institute for Bethune Academy Teachers

“Differentiating Instruction”, Presenter, June 2002

Magnet Schools of America Conference, Houston, Texas
“Innovative Technology for Science Curriculum Delivery”, Presenter, May 2002
National Science Teachers of America Conference, St. Louis, Missouri
“Education for the Energy Industry Curriculum”, Co-Presenter, April 2001
Rice Aldine Science Collaborative Summer Institute for Bethune Academy Teachers
“Curriculum Integration”, Presenter, June 2001
Rice Aldine Science Collaborative Summer Institute for Bethune Academy Teachers
“Geology and Oil Exploration”, Presenter, June 2000
National Science Teachers of America Conference, Orlando, Florida
“University/I.S.D. Collaborations”, Co-Presenter, March 2000
National Science Teachers of America Conference, Boston, Massachusetts
“Education for the Energy Industry Curriculum”, Co-Presenter, February 1999
Rice Aldine Science Collaborative Summer Institute for Raymond Academy Teachers
“Science Content and Pedagogy”, Co-Presenter, June 1998
Coalition of Essential Schools Fall Forum, San Francisco, California
“Equity Issues in Education”, Co-Presenter, March 1997
Rice Model Science Laboratory Teacher Training, Houston, Texas
“To Rot or Not”, Co-Presenter, November 1994
“Using the Computer Lab in Middle School Science”, Co-Presenter, February 1995
“Experimental Design”, Co-Presenter, April 1995
Metropolitan Association for Teachers of Science (MATS), Houston, Texas
“Star Light, Star Bright”, Co-Presenter 1995

Professional Activities/Affiliations:

Science Fair Committee Member/District Judge
Gulf Coast Alliance for Minorities in Engineering (G.C.A.M.E.) Sponsor
National Science Teachers Association (NSTA) member
Association for Supervision and Curriculum Development member