

**Steven J. Rosscoe**  
2704 Genoa Avenue Apt. RR4  
Lubbock, TX 79407  
(806) 791-3134  
stevenjrosscoe@yahoo.com

## Objective

A university-level, faculty position in Geoscience Education and/or Paleontology/Stratigraphy valuing both research and teaching equally.

## Education

- 2005 - 2008 Ph.D. in Geosciences from Texas Tech University (expected Aug. 2008)  
Department of Geosciences: Box 41053; Lubbock, TX 79409  
Advisor: Jim Barrick (jim.barrick@ttu.edu) (806) 742-3107  
Dissertation Topic: Revision of Pennsylvanian conodonts from the Pleasanton to Lower Kansas City Groups of the Midcontinent Basin, North America.
- 2003 - 2005 M.S. in Geosciences from Texas Tech University (May 2005)  
Department of Geosciences: Box 41053; Lubbock, TX 79409  
Advisor: Jim Barrick (jim.barrick@ttu.edu) (806) 742-3107  
Thesis Title: Conodonts of the Desmoinesian (Middle Pennsylvanian) Lost Branch Formation, Oklahoma and Kansas.
- 1999 - 2003 B.A. in Geological Sciences from the SUNY College at Geneseo (May 2003)  
Department of Geological Sciences: 1 College Circle; Geneseo NY 14454  
Advisor: D. Jeffrey Over (over@geneseo.edu) (585) 245-5294  
Senior Project Title: The Eifelian-Givetian Boundary in Western New York State

## Teaching Experience

- 2006 -2008 Graduate Student Instructor, Texas Tech University  
Department of Geological Sciences: Box 41053; Lubbock TX 79407  
Responsibilities: Teach one section of Physical Geology lecture (180 students) per semester (have taught 3 sections).
- 2003 - 2006 Graduate Student Teaching Assistant, Texas Tech University  
Department of Geological Sciences: Box 41053; Lubbock TX 79407  
Responsibilities: Teach three sections of Physical Geology Lab (25 students) per semester (have taught 16 sections).  
*Head Teaching Assistant (2004 - 2005 Academic Year)*
- 2001 - 2003 Undergraduate Teaching Assistant, SUNY College at Geneseo  
Department of Geological Sciences: 1 College Circle; Geneseo NY 14454  
Responsibilities: Teach two sections of Physical Geology Lab each fall and sections of "Our Geologic Environment" labs each spring. Also worked in the Geology Learning Center (have taught 7 sections).  
*Head Teaching Assistant (Spring of 2003)*

## Teacher Training

- Jan. 2006 Stardust Educators' Conference "Return to Earth," LPI & NASA JSC  
Stardust Mission Education and Outreach Coordinator: Aimee Whalen-Meyer  
(stardust@jpl.nasa.gov)
- 2005 - 2006 TEACH (Teaching Effectiveness and Career enHancement) Cohort, Texas Tech University  
TLTC (Teaching, Learning and Technology Center): Box 42044; Lubbock, TX 79409  
Director: Suzanne Tapp (suzanne.tapp@ttu.edu)  
Involved: 20 hours of professional development courses, a project, and developing a teaching portfolio.

## Teacher Training Continued

- 2004 - 2005 TTU-HHMI Graduate Teaching Fellowship, Texas Tech University  
Howard Hughes Medical Institute: Box 43131, Lubbock, TX 79409  
Coordinators: Susan Tomlinson (susan.tomlinson@ttu.edu) (806) 742-1828  
Roman Taraban (roman.taraban@ttu.edu) (806) 742-3711  
Tasks: Member of the control group in this study.
- 1999 - 2003 Secondary Education Certification (Incomplete), SUNY College at Geneseo  
Courses Taken: Social Foundations of American Education (INTD), Adolescent Development (PSYC), Health & Safety Issues in Public Schools (H&PE), Dimensions of Teaching (EDUC), Teaching Secondary Learners with Special Needs (EDUC).  
Note: Changes in state requirements (equaling another year of course work) along with my shift toward education at the University level made certification impossible.

## Outreach Experiences

- 2005 - 2008 Super Saturdays, Texas Tech University (4 Saturdays Each Semester)  
IDEAL (Institute for Development and Enrichment of Advanced Learners)  
Martha Hise (martha.hise@ttu.edu) (806) 341-1120  
Grades K - 2: Teach course entitled "Dino-Rock" where students are exposed to basic concepts of paleontology, interpreting the past, basic field methods, and lots of dinosaurs.
- 2004 - 2007 Science: It's A Girl Thing, Texas Tech University (Week Long Summer Camp)  
IDEAL (Institute for Development and Enrichment of Advanced Learners)  
Martha Hise (martha.hise@ttu.edu) (806) 341-1120  
Grades 5 & 6: Coordinating departmental volunteers and taught a session on paleontological concepts (2004, 2005). Taught the entire week camp on the Stardust Missions and the origins of the solar system (2006, 2007).  
Grades 7 & 8: Taught the week long camp on past, present and future moon missions and geology of the moon (2007).  
Grades 9 - 11: Taught the week long camp on Martian geology and choosing scientifically valuable as well as safe colonization sites (2004, 2005).

## Seminars Taught

- 09/20/2007 Talk to Me...Please! Engaging Students in Classroom Discussion, TLTC @ Texas Tech  
Serving as a member of the panel for this one hour session for new TEACH cohorts.  
Coordinator: Allison Boye (allison.p.boyce@ttu.edu) (806) 742-0133
- 01/18/2007 Managing Difficult Situations, TLTC @ Texas Tech University  
Led discussion on controversial topics in this portion of the seminar.  
Coordinator: Suzanne Tapp (suzanne.tapp@ttu.edu) (806) 742-0133

## Research Interests

Conodonts (Pennsylvanian), Geoscience Education, Geoscience Outreach, Stratigraphy/Sequence Stratigraphy (Pennsylvanian), and Carbonate Petrology

## Papers

- In Press  
(2008) Roscoe S. J. and Barrick J. E.  
Revision of *Idiogoniatodus* species from the Middle-Upper Pennsylvanian boundary interval in the Midcontinent Basin, North America. *In* Over, D. J., ed. *Palaeontographica Americana*.

## Conference Abstracts

- 2007 Rosscoe, S. J. and Barrick, J. E.  
Revision of *Idiognathodus* species from the Middle-Upper Pennsylvanian Boundary interval in the Midcontinent Basin, North America. Geological Society of America: Abstracts with Programs Vol. 39, No. 6. (Talk)
- 2006 Rosscoe, S. J., Barrick, J. E., Boardman II, D. R., and Heckel, P. H.  
*Idiognathodus* morphotypes across the Desmoinesian-Missourian Boundary in Midcontinent North America: Implications for placement and correlation of the Middle-Upper Pennsylvanian Boundary. International Conodont Symposium Programme and Abstracts 2006, p. 72. (Poster)
- 2005 Rosscoe, S. J., Barrick, J. E., and Boardman II, D. R.  
Conodonts of the Desmoinesian (Middle Pennsylvanian) Lost Branch Formation, Midcontinent Basin, Oklahoma and Kansas. Geological Society of America: Abstracts with Programs Vol. 37, No. 3, p. 13. (Talk)
- 2004 Rosscoe, S. J.  
Functional interpretation using Pa-element morphology and microwear patterns in Desmoinesian (Pennsylvanian) idiognathodid conodonts. Geological Society of America: Abstracts with Programs Vol. 36, No. 5, p. 61. (Poster)