Curriculum Vitae Karen Waggoner

PERSONAL INFORMATION

Karen Waggoner 2604 Rainbow Circle Midland, TX 79707 806-789-3130 paleowag@yahoo.com

EDUCATION

Texas Tech University Ph.D. Geoscience August 2006

Dissertation: Sutural Form and Shell Morphology of *Placenticeras* and Systematic Descriptions of Late Cretaceous Ammonites from the Big Bend Region, Texas

Bowling Green State University M.S. Geology 2001-2003

Master's Thesis: Systematics and Taphonomy of Micromorph Ammonites of the Chispa Summit Formation of Trans-Pecos, Texas

University of Texas of the Permian Basin B.S. Geology 1999-2001

Odessa College N/A Gen. Ed. 1997-2000

CERTIFICATES

Environmental System Research Institute (ESRI) Virtual Campus
Intro to ArcGIS 8 Geostatistical Analyst (3 course hours)
Learning ArcGIS 8 Spatial Analyst (18 course hours)
Learning ArcGIS 8 3D Analyst (18 course hours)
Working with Rasters in ArcGIS 8 (6 course hours)

SHORT COURSES

British Petroleum and Exxon Mobil Exploration Company Sequence Stratigraphy for Graduate Students at Geological Society of America Annual Meeting, Denver 2002

PROFESSIONAL MEMBERSHIPS

Geological Society of America Society of Vertebrate Paleontologists

PUBLICATIONS

Sutural Variation in Ammonite Ontogeny: Applying GIS for Paleontologic Analyses. (Co-author Lori Manship) Geological Society of America Abstracts with Programs Vol. 36, No. 5, p. 422. Denver, 2004.

Size Is Relevant: Implementing GIS For Ontogenetic Sutural Variation Analysis. (Coauthor Lori Manship) VI International Symposium: Cephalopods Present & Past Abstracts Volume, p. 153. Fayetteville, Arkansas 2004.

Not Everything is Bigger in Texas: Micromorph ammonites of the Trans-Pecos area. Geological Society of America Abstracts with Programs Vol. 34, No. 7, p. 161. Seattle, Washington 2003.

PRESENTATIONS

Oral Presentation: Size Is Relevant: Implementing GIS For Ontogenetic Sutural Variation Analysis. (Co-author Lori Manship) VI International Symposium: Cephalopods Present & Past, Fayetteville, Arkansas 2004.

Poster: Sutural Variation in Ammonite Ontogeny: Applying GIS for Paleontologic Analyses. (Co-author Lori Manship) Geological Society of America, Denver, Colorado 2004.

Poster: Not Everything is Bigger in Texas: Micromorph ammonites of the Trans-Pecos area. Geological Society of America, Seattle, Washington 2003.

Poster: Ammonite Biostratigraphy of the Pen and Aguja Formations of the Big Bend National Park Area. Geological Society of America South Central Section Meeting. Alpine, Texas, 2012.

SCHOLARSHIPS, FELLOWSHIPS & GRANTS

The Paleontological Society Spring 2005 Dr. John Brand Scholarship Fall 2004

S.W. Bell Fellowship Fall 2004-Spring 2006

Geological Society of America Research Grant Spring 2003 Dr. Richard Hoare Scholarship Spring 2003

Verne Cooper Foundation Fall 2000-Spring 2003 Bryan Deupree Foundation Fall 2000-Spring 2002

Marathon Oil Company Fall 2001 Desk & Derrick Educational Trust Fall 2000

HONORS & AWARDS

University of Texas of the Permian Basin

President's Honor List (4.0 GPA) Fall 2000 & Spring 2001

Spring & Summer 2000, Fall 2001 Dean's Honor Roll (3.5 GPA)

Outstanding Geology Student Spring 2001

Odessa College

Outstanding Physics Student Spring 1999 **Outstanding English Student** Spring 1999

ACADEMIC ORGANIZATIONS

Texas Tech University

Sigma Gamma Epsilon – Member Fall 2003 - Present Geosciences Society - Member Fall 2003-Present

Bowling Green State University

Sigma Gamma Epsilon - Vice-President Spring 2003

> Fall 2002 – Spring 2003 - Member

Fall 2001 – Spring 2003 Geology Club – Member

University of Texas of the Permian Basin

Geology Club - Secretary Spring 2000

> Fall 2000 & Spring 2001 - President

TEACHING EXPERIENCE

Midland College (lecture and lab courses)

Physical Geology Fall 2007 - Present Historical Geology Fall 2007 - Present Earth Science Fall 2007 - Present

Sul Ross State University (all lecture courses)

Structural Geology (Distance Ed to SRSU) Spring 2012 Fall 2009 Stratigraphy/Sedimentology (Distance Ed to SRSU)

Historical Geology Spring 2007 Sedimentary Petrology (Distance Ed to Midland College) Geology of West Texas (Distance Ed to UTPB)

Speciation and Diversification Events (Graduate Course)

Historical Geology Fall 2006

Stratigraphy/Sedimentology (Distance Ed to Midland College)

Stratigraphic Analysis (Graduate Course)

Graduate Seminar

Texas Tech University Instructor for:

Physical Geology (Lecture) Spring 2004, 2005 & 2006, Fall 2005

Texas Tech University Teaching Assistant for:

Physical Geology Lab Fall 2003, Fall 2004

Bowling Green State University Teaching Assistant for:

Field Course Summer 2003 Sedimentology/Stratigraphy Lab Spring 2003

Dinosaurs Lab Spring 2002 & 2003 Structural Geology Lab Fall 2001 & Fall 2002 Historical Geology Lab Fall 2001 - Fall 2002

Honors Historical Geology Lab Fall 2001

FIELD EXPERIENCE

Dissertation Field Research in Big Bend area of Texas Fall 2004-Summer 2005 Teaching Assistant, Bowling Green State University Field Course, 2003 (New Mexico and Colorado)

Field Trips for graduate courses in Ohio, Wisconsin, Pennsylvania, West Virginia, Maryland, and New Jersey

Thesis Field Research in Trans-Pecos, Texas (Eagle, Van Horn, Quitman, and Indio Mountains) Summer 2001 & 2002

Sul Ross State University Field Geology Summer 2000

Field Trips required for geology core courses throughout Trans-Pecos, Texas

Field Trips with Geology Club throughout New Mexico and Texas

OTHER WORK EXPERIENCE

University of Georgia, Interdisciplinary Field Program – Education Program Specialist – Summer 2004

Self Employed – Landscaper – August 1999 to May 2000

Odessa College KOCV-PBS – Receptionist – January 1999 to August 1999

Odessa College Reading Dept – Student Asst – March 1998 to December 1998

Odessa College – English Tutor – January 1998 to March 1998

A Yard Dog – Greenhouse Worker – August 1997 to January 1998

BC Ranch – Ranch Worker – August 1985 to August 1997

Texas Utilities Generating Company – Mechanic – July 1980 to July 1985

COMPUTER SKILLS/EXPERIENCE

Microsoft Office (Word, Power Point, Excel)

Corel Draw

Adobe Photoshop

ESRI ArcGIS Desktop (ArcVIEW, ArcMAP)