

## TEXAS STATE VITA

### I. Academic/Professional Background

A. Name: Maureen Lemke Title: Senior Lecturer

#### B. Educational Background

Degree	Year	University	Major	Thesis/Dissertation
MA	1988	Texas State University	Biology	An Analysis of Biology I Laboratory Investigations for Essential Elements and Concepts
BS	1980	McMurry University	Science Education	

#### C. University Experience

Position	University	Dates
Sr. Lecturer	TSU	Fall 2006-present
Visiting Instructor	TSU	1990-1992 various semesters
Assistant Instructor	TSU	1985-1987

#### D. Relevant Professional Experience

Position	Entity	Dates
Science Teacher (all levels Chemistry and Biology, IPC)	Navarro High School, Navarro ISD	1993-2006
7 <sup>th</sup> & 8 <sup>th</sup> Grade Science Lab Teacher	Goodnight Jr. High, San Marcos CISD	1989-1993
Science Teacher (Chemistry, Biology, Physical Science, Earth Science)	Flatonia High School, Flatonia ISD	1987-1989
Science Teacher (Chemistry, Biology, Physical Science)	Mason High School, Mason ISD	1981-1984

## II. TEACHING

A. Teaching Honors and Awards:

Teacher of the Year 1997-1998; Seguin Area Chamber of Commerce

B. Courses Taught:

General Science 3310, General Science 3320

C. Graduate Theses/Dissertations or Exit Committees (if supervisor, please indicate):

\_\_\_\_\_

D. Courses Prepared and Curriculum Development:

General Science 3310 and 3320 Lab Curriculum Development;  
including Lab Manuals for Students and Instructors

High School Curriculum Development for Chemistry, Biology, Physical Science, IPC, Science I

E. Funded External Teaching Grants and Contracts:

\_\_\_\_\_

F. Submitted, but not Funded, External Teaching Grants and Contracts:

\_\_\_\_\_

G. Funded Internal Teaching Grants and Contracts:

\_\_\_\_\_

H. Submitted, but not Funded, Internal Teaching Grants and Contracts:

\_\_\_\_\_

I. Other:

\_\_\_\_\_

### **III. SCHOLARLY/CREATIVE**

A. Works in Print

1. Books (if not refereed, please indicate)

a. Scholarly Monographs:

\_\_\_\_\_

b. Textbooks:

\_\_\_\_\_

c. Edited Books:

\_\_\_\_\_

d. Chapters in Books:

\_\_\_\_\_

e. Creative Books:

\_\_\_\_\_

2. Articles

a. Refereed Journal Articles:

\_\_\_\_\_

b. Non-refereed Articles:

\_\_\_\_\_

3. Abstracts:

\_\_\_\_\_

4. Reports:

\_\_\_\_\_

5. Book Reviews:

Holt Chemistry Visualizing Matter (Holt, Reinhart and Winston, 1996)  
Addison Wesley Chemistry (Addison Wesley, 1994)

6. Other:

Activities in Texas Environmental Guide (Holt Reinhart and Winston, 1991)  
TAAS Instructional Tasks for Science Grade 8 (Charles A. Dana Center) one of a team of writers  
Holt Biology texts (Holt, Reinhart and Winstong) activities, teach and reteach suggestions,  
chapter and question reviews

## B. Works not in Print

## 1. Papers Presented at Professional Meetings:

Presentations:(Within 3 years)

Smith, D., Lemke, M., Westerlund, J., Lien, Violetta, (2008, November). Last Child in the Texas Woods: Future Elementary Teachers' Childhood Nature Experiences. Paper presented at the Southwest Association for Science Teacher Education, (SW-ASTE), Dallas, TX.

Westerlund, J.F., Bonner, T.H., Nowlin, W.H., Earl, R.A., (2008, October). NSF GK-12: Project Flowing Waters. Paper presented at the North Central Association for Science Teacher Education, (NC-ASTE), Winona, MN.

Westerlund, J., Lien, Violetta, Smith, D., & Lemke, M. (January, 2008). Last Child in the Texas Woods: Future Science Teachers' Childhood Nature Experiences. Paper presented at the National Meeting of the Association for Science Teacher Education (ASTE), St. Louis, MO.

## 2. Invited Talks, Lectures, Presentations:

Navarro Elementary School (Fall 08): Teach weekly science lesson to 1st graders

## 3. Consultancies:

Spring 2008-current Serve as Master Teacher for NSF GK-12 Project Flowing Waters, PIs Westerlund, Bonner, Nowlin, Earl

Spring 2008

Advised Brandon Race (Concordia student) on project to determine if supplementary labs increase student performance. My two sections served as control and experimental groups.

Spring 2007

Mix It Up (Sandra West) Team taught lessons with math teacher in a GS 3320 class and compared collected data to that of a class without the correlated math lessons.

## 4. Workshops:

Curriculum and Technology Integrations for Teachers K-12 2001-2005;  
Science Lab Safety and Chemical Waste Disposal, 1990-1992

## 5. Other:

\_\_\_\_\_

## C. Grants and Contracts

1. Funded External Grants and Contracts:

\_\_\_\_\_

2. Submitted, but not Funded, External Grants and Contracts:

\_\_\_\_\_

3. Funded Internal Grants and Contracts:

\_\_\_\_\_

4. Submitted, but not Funded, Internal Grants and Contracts:

\_\_\_\_\_

D. Fellowships, Awards, Honors:

\_\_\_\_\_

#### **IV. SERVICE**

A. University:

Fall 08  
PAWS Preview  
Moonlight Breakfast

B. Departmental:

General Science Coordinator, College of Education Liason for General Science

C. Community:

Navarro High School (Fall 2008): 3 hours Science Fair Judge

Spring 2008  
Navarro High School (Fall 2007): 3 hours Science Fair Judge

Spring 2007  
Navarro High School: 1 hour forms for Regional Science Fair.

Fall 2006  
Navarro High School: 37 hours Robot Team; 3 hours Science Fair Judge;

D. Professional:

\_\_\_\_\_

E. Organizations

1. Honorary:

\_\_\_\_\_

2. Professional:

Southwest Association of Science Teacher Educators

Please note: For all entries, list most recent items first.