

**Fall—2021**

**Haydn A. "Chip" Fox, Ph.D.**

Associate Dean

College of Science, Engineering

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## **CURRICULUM VITA**

### **Education**

Ph.D. Geological Sciences (Emphases in Science Education and in Environmental Science), University of South Carolina, 1992

MNS Earth Science (Secondary in Education), Southeast Missouri State University, 1989

BS Secondary Education in Earth Science, Southeast Missouri State University, 1988

BA Theology & Journalism, Ambassador College, 1971

### **Professional Experience**

Aug 31, 2021 Retired, but teaching as an adjunct

1995–Aug 2021 Texas A&M University—Commerce, Commerce, Texas  
Assistant Professor of Earth and Environmental Sciences  
Associate Dean, College of Science, Engineering, & Agriculture

1992–1995 Clemson University, Clemson, South Carolina  
Visiting Assistant Professor

1991–1992 Southeast Missouri State University, Cape Girardeau, Missouri  
Visiting Assistant Professor

1989–1990 University of South Carolina

Teaching Assistant and Research Assistant (Graduate Assistant),

1988–1989 Southeast Missouri State University  
Teaching Assistant (Graduate Assistant)

### **Areas of Specialization**

Hydrology

Environmental Law & Regulation

Teacher Education in Sciences

## \* \* \* \* **Activity Highlights Summary** \* \* \* \*

### **Teaching:**

(a) I have been almost solely responsible for establishing and maintaining our Environmental Science bachelor's degree program. From its inception in 2000 to until spring 2010, I was the sole professor dedicated to the program, often teaching overloads of up to 17 hours per semester. In Spring, 2010 we hired an additional environmental science professor. Since becoming associate dean of the college, we have hired yet another environmental science professor.

(b) I initiated and have been the sole professor in our graduate certificate in environmental science. The program is unique to this university because I offer all of the courses on-line, and any of them can be taken at any time without waiting for a new semester to begin or for a regular course rotation.

(c) I Developed and established an articulation agreements for the environmental science degree program with (1) Collin County Community Colleges, (2) Northeast Texas Community College, and (3) Navarro-Corsicana College.

(d) Established four Core Curriculum courses, including two environmental science courses and two Earth science courses.

### **Research & Scholarly Activity Highlights:**

(a) I have written, as sole author, a college freshman-level physical science text, "Science in Our Lives" which was published in 2017 by Trunity.

(b) Until becoming associate dean, I was researching the potential for phyto/fungi remediation of soil arsenic using black-eyed susans. Two honor's college students (Michael Shaw and Beth Felix) completed theses within this project. The project resulted in two poster presentations in 2012, one at the Sigma Xi Symposium, Texas A&M University–Commerce and one at the International Environmental Science and Technology Conference in Houston. Under this research, a journal article is in preparation for submission to Texas Journal of Agriculture and Natural Resources.

(c) In May, 2011, completed with a Master's degree student (Shana Swain), a watershed study at Clymer Meadow in northwest Hunt County. Later worked with an honor's college student (Taylor Ausbrooks) at this same location, on a project to study the "Effects of periodic organic compost tea application on root growth, water retention, and percolation rates on prairie grass and turf grass"

### **Service Highlights:**

(a) Most important area of service has been as co-chair of the university's QEP (Quality Enhancement Plan) Committee, from 2009 until early 2012, and then chair from 2012 through 2014. The QEP is a major requirement established by SACS, involves substantial changes and/or additions to both the curriculum and environment of the university. Reaffirmation of accreditation of the university by SACS involves the formation, actions, and assessment of the university's QEP. I have also wrote much of our QEP document, and in March, 2014, it was approved by SACS.

(b) For two years, Spring 2008 and 2009, I served as chair of the college tenure and promotion committee

(c) From May 2011 through May 2012, interim department head of Biological and Environmental Sciences.

(d) May 2012–Present, associate dean of the College of Science, Engineering, and Technology, sometimes doubling as interim department head of Biological and Environmental Sciences.

# \* \* \* \* \* Teaching \* \* \* \* \*

## **Courses Taught since arriving at Commerce**

**TAB (Texas Affordable Baccalaureate) Courses** — Feb 2014 — July 2017

IS 1315	Integrated Science I (scientific method, physics, chemistry)
IS 1317	Integrated Science II (biology, astronomy, Earth science)
ENVS 103	Natural Disasters
ORGL 432	Environmental Regulation & Compliance

## **Environmental Science Courses—Undergraduate**

		<u>Credit Hours</u>
ENVS 104	Natural Disasters	4
ENVS/ESCI 305	Environmental Hydrology	4
ESCI 489	Advanced Hydrology	3
ENVS 204	Intro to Env Science	3
ESCI 409	Environmental Monitoring	4
ENVS 408	Hazardous Waste Control Management	3
ENVS 140	Environmental Monitoring & Waste Mgt	4
ENVS 403	Environmental Ethics and Law ( <b>Internet</b> )	3
ENVS 301	Risk Assessment & Env. Impact Statements	3
ENVS 302	Phase I Env. Site Assessment	3
ENVS 304	Frontiers in Env. Science (seminar)	1

Numerous independent studies with various specialized topics in environmental science and earth science

## **Earth Science Courses—Undergraduate**

		<u>Credit Hours</u>
ESCI 100	The Planet Earth	4
ESCI 497	Earth Science for Teachers	3
ESCI 511	Esci for Teachers	3
ESCI 401	Oceanography	3
ESCI 555	Adv. Topics in Oceanography	3
ESCI 555	Ind. Study: Adv. Topics in Oceanography	3
ESCI 314	Weather and Climate	3
ESCI 102	Historical Geology	4
ESCI-302	Paleontology	4
ESCI 497	Hist Geol and Paleontology	4
ESCI 489	Ind. Study: Topics in Paleontology	1
ESCI 489	Ind. Study: Paleontology	4
ESCI 305	Hydrology	4
ESCI 403	Sedimentology and Stratigraphy	4
ESCI 418	Seminar in Geosciences	1
ESCI 589	Ind. Study: Oil and Gas Well Logging	4
BSC 489	Ind. Study: Aquatic Chemistry	4

ESCI 589	Ind. Study: Airborne Geophysical Method	3
. . . . .	Many more independent studies, various topics	3

Miscellaneous (Non-Environmental & Earth Science)

			<u>Credit Hours</u>
	IS152	Integrated Science	4
Fall, 1997	Bsc 101	Population Biology (2 sections of 4 hrs)	8

**Graduate courses taught since arriving at Commerce**

Currently (Fall 2021) Active Courses (and have been for many years)		
ENVS 502	Phase I Environmental Site Assessment	3
ENVS 503	Environmental Law, Regulation, and Ethics	3
ENVS 505	Hydrology	3
ENVS 506	Renewable Energy Resources	3
ENVS 508	Environmental Remediation	3
ENVS 509	Environmental Science Seminar	3

Previously taught courses		
ESCI 518	Thesis	3
ESCI 595	Research Paper (i.e., non-thesis option)	3
	Several of these . . . one of which was a physics paper	
ESCI 555	Adv. Topics in Oceanography	3
ENVS 597	Environmental Ethics and Law ( <b>Internet</b> )	3
ESCI 511	Earth Science for Teachers	3
ESCI 589	Ind. Study: Oil and Gas Well Logging	4
ESCI 597	Environmental Monitoring	4
ESCI 589	Ind. Study: Airborne Geophysical Method	3
ESCI 597	Hazardous Waste Control Management	3
ESCI 597	Paleontology	4
ESCI 579	Ind. Study: Adv. Hydrology	3
ENVS 408 (as 579)	Hazardous Waste Control & Mgt	3
ENVS 597	Hydrology (Internet)	3
ENVS 597	Environmental Ethics & Law (Internet)	3
ENVS 597	Environmental Remediation (Internet)	3
ESCI 597	Paleontology	4
ESCI 597	Hazardous Waste Control Management	3
ESCI 597	Environmental Monitoring	4
ENVS 502	Phase I Environmental Site Assessment	3
ENVS 503	Environmental Law, Regulation, and Ethics	3
ENVS 505	Hydrology	3
ENVS 506	Renewable Energy Resources	3
ENVS 508	Environmental Remediation	3
ENVS 509	Environmental Science Seminar	3

**Theses and dissertations directed** — (Keep in mind there is no Environmental Science Master's degree)\_

Waylan Metts, "Uptake and Depletion of Oil contaminants in Shellfish," Spring, 2001  
Robert Pitt, "The Effects of the 1996 Drought on The Lake Tawakoni Reservoir," Spring, 1998  
Floyd Kent, "Water Resources of Wood County, Texas," Fall, 2000  
Brad Carter—West Texas Oil & Gas Formation, c. Spring 2005 (?)  
Karen Harvey— Cooper Lake study, c. Spring 2005 (?)  
Mickey Kadjar—Iranian geological structure — NEVER COMPLETED  
Lori Thompson—MTBE study — NEVER COMPLETED  
Mark Hull—Mesquite River Analysis — NEVER COMPLETED  
Wendy Woodard — Brownfields Environmental Assessment and Restoration. Fall 2006  
Petra Sanchez — Master's degree, thesis on a national priorities superfund site in New Mexico.  
Spring 2007  
Mary Bryan — Historical Development of the Theory of Plate Tectonics and Surge Tectonics.  
Fall 2009  
Shana Swain — Clymer Meadow Watershed Study. May 2011  
Michael Shaw, Honors College — Fungi remediation of arsenic-contaminated soil. May 2011  
Beth Felix, Honors College —Phytoremediation of Arsenic Contaminated Soil by Fungi Inoculated  
Rudbeckia Hirta May 2012

**Other Student Research**

- In all classes, students must complete at least one research paper. These are of various lengths, depending on the course involved. For 100-200 level courses, these involve library research. For advanced courses, these typically involve field investigations and active research.

**Courses Taught Prior to Position at A&M–Commerce**

100 - 200 Level Courses

Introductory Earth Science	Southeast Missouri State University
Physical Geology	University of SC Clemson University
Earth's Resources	Clemson University
Historical Geology	Clemson University
Environment of the Earth	University of SC
Environmental Science for Elementary Teachers	University of SC
Biology for Elementary Teachers	Clemson University
Earth Science for Elementary Teachers	Clemson University
Earth Science Laboratory	Southeast Missouri State University Clemson University
Lab, Environment of the Earth	University of SC

200 - 300 level courses

Earth Science for Elementary Teachers	Southeast Missouri State University
Environmental Science	Clemson University

500 - 800 level courses

Hydrology	Southeast Missouri State University
Environmental Law and Regulation	Southeast Missouri State University

Ind. Study: Solid Waste Mgt.  
Ind. Study: Hydrology  
Ind. Study: Hazardous Waste Mgt.  
SCMAPS Statewide Field Course  
for Teachers

Southeast Missouri State University  
Southeast Missouri State University  
Southeast Missouri State University  
  
Clemson University

## \* \* \* **Scholarly Activity** \* \* \*

### **Publications (most of my publications have to do with university text books)**

- Fox, H.A. — Sole author, a college freshman-level physical science text, "Science in Our Lives" published by Trunity, 2018 (First published 2014).
- Chernicoff, S., and C. Fox, (2002) Essentials of Geology, 3<sup>rd</sup> ed. (Geology Text). Boston: Houghton-Mifflin
- Chernicoff, S., C. Fox, L. Tanner (2001) Earth: Geologic Principles and History (Physical & Historical Geology Text). Boston: Houghton-Mifflin
- Fox, H.A., J. Adams (2001) Impact on Water Quality of Erosion Control Isolation of a Swimming Area in Cooper Lake. Texas Journal of Science. (Submitted but not accepted on the grounds of "our readers wouldn't be interested in one little swimming hole" and other less flattering comments)
- Chernicoff, S., and C. Fox, (1999) Essentials of Geology, 2<sup>nd</sup> ed. (Geology Text). Boston: Houghton-Mifflin
- Cromer, A., L. Duvall, C.D. Martinez-Bagwill, H. Fox (1997) Select Science Series. Denton, TX : RonJon Publishing. This is a series of three science units (Earth Science, Life Science, and Physical Science) for use at the 6<sup>th</sup> grade level. I was the sole author of about one half of the Earth Science book. The publisher is currently opting for Texas statewide adoption of these texts. Although the publication date lists 1997, these were actually published in August, 1999)
- Pitt, R., and H.A. Fox (1998) The Effects of the 1996 Drought on The Lake Tawakoni Reservoir. New Waves (a publication of the Texas Water Resources Institute), December, 1998.
- Fox, H.A., Fox, J.B. Fox (1998) Instructor's resource manual and Test Bank (to accompany Chernicoff's GEOLOGY, 2<sup>nd</sup> ed.) Boston.
- Fox, H.A. (1997) Earth Science 100 Lab Manual. Denton, TX: RonJon Publishers.
- Chernicoff, S., and C. Fox, (1996) ESSENTIALS OF GEOLOGY (Geology Text). New York: Worth Publishers.
- Fox, H.A., (1996) Instructor's resource manual (to accompany Chernicoff & Fox, ESSENTIALS OF GEOLOGY). New York: Worth Publishers.
- Fox, H.A., (1996) Test Bank (to accompany Chernicoff & Fox, ESSENTIALS OF GEOLOGY). New York: Worth Publishers.
- Fox, H.A. and Y. Yan, (1996) Non-point Stream recharge as a Function of Distance from a Community Withdrawing Water from that Same Drainage Basin. Clemson, SC: South Carolina Water Resources Institute.
- Contribution (1996) to: SC MAPS (South Carolina Maps and Aerial Photographic Systems) Teaching Manual
- Fox, H.A., (1994) Instructor's resource manual (to accompany Chernicoff's GEOLOGY). New York: Worth Publishers.
- Fox, H.A., (1994) Test Bank (to accompany Chernicoff's GEOLOGY). New York: Worth Publishers.
- Fox, H.A. and J.R. Carpenter (1992) Delphi study on barriers to environmental education. Journal of Geologic Education.

## **Papers Presented**

- Fox, H.A., Beth Felix, 2012, : Phytoremediation of Arsenic Contaminated Soil by Fungi Inoculated *Rudbeckia Hirta*: Poster Presentation at the International Environmental Science and Technology Conference in Houston.
- Fox, H.A., Beth Felix, 2012, : Phytoremediation of Arsenic Contaminated Soil by Fungi Inoculated *Rudbeckia Hirta*: Poster Presentation at the Sigma Xi Sumposium, Texas A&M University–Commerce.
- Fox, H.A., 2001, Impact on Water Quality of Erosion Control Isolation of a Swimming Area in Cooper Lake, submitted for presentation at the annual meeting of the Texas Academy of Science.
- Naizer, G. and Fox, H.A., 2000, North Texas Teachers' Preparation to Implement the Texas Science Curriculum (TEKS). Presented at Association for the Education of Teachers in Science (AETS) annual conference
- Fox, H.A., 1992, Evaluating two different methods for teaching a course in environmental science for elementary teachers. Presented April 1992, at the annual meeting of the Missouri Academy of Science.
- Fox, H.A. and Tibbs, N.H., 1990, Groundwater quality at the Jackson Municipal Landfill: meeting revised EPA regulations in 40 CFR 258. Presented April 1990, at the annual meeting of the North-Central Geological Society of America, Macomb, Illinois.
- Fox, H.A. and Tibbs, N.H., 1990, Regulatory requirements for closing the Cape Girardeau Municipal Landfill. Presented April 1990, at the annual meeting of the Missouri Academy of Science, St. Louis, Missouri.

## **Funded Projects**

From 2002 thru present — I've been involved somewhat in funded projects—for example with Dr. Gil Naizer and Dr. Derald Harp, but in such a minor role, that I do not keep track nor claim them.

- 2002 Author and principle investigator, \$5,000 Regent's Initiative Collaborative Research Grant—Development of Multiple Data Bases for Science/Math Education Developers and Researchers.
- 2000 Author and principle investigator, \$6,250 grant from the University Research Committee for the project, "Impact of Agricultural Nutrients and Chemicals on Cooper Lake, Texas."
- 1998 Author and co-principal investigator, \$250 faculty development grant for research involving northeast Texas elementary teachers preparedness for implementing the science portion of the new TEKS curriculum.
- 1998 Author, \$250 Mini-grant to help pay tuition for an OSHA HazWoper course. Money was transferred to Dr. Ghaly for same purpose.
- 1997 Co-principal investigator, \$6,000 grant involving curriculum reform in pre-service elementary teacher preparation in science (Texas A&M–Commerce).
- 1993 Author and principal investigator of a \$50,000 grant involving stream flow measurement and assessment (Clemson University).
- 1993 Co-author and investigator, \$56,000 grant involving materials development for Earth's resources course in South Carolina (Clemson University).
- 1993 Co-principal investigator, \$66,000 grant involving a statewide field course for teachers in South Carolina (Clemson University)
- 1990 Co-author, \$52,000 NSF grant for equipment and development of course in environmental emergency response and remediation.

## **Unfunded Grants**

- 2005 Million dollar NSF grant in Science/Math Education in collaboration with Martha Foote.
- 2004 Million dollar NSF grant in Science/Math Education in collaboration with Martha Foote.
- 2003 Million dollar NSF grant in Science/Math Education in collaboration with Martha Foote.
- 2003 Member of a 10-person team that submitted a \$4 million grant proposal to NSF. Chip Fox was

- the PI, Gwyn Boyter co-PI.
- 2001 Regent's Initiative Collaborative Research Grant in collaboration with Jim Hardy, secondary ed, and Mindy Smith, 7<sup>th</sup> grade science teacher, for an SME research project on first year science/math teacher retention
  - 2001 Federal Dept. of Energy grant with Patrick Ng'ang'a—CO<sub>2</sub> Sequestration in Fresh Water Systems
  - 2000 \$25,000 Grant to the Texas Water Research Institute to do research on Cooper Lake
  - 1999 Co-author and co-principal investigator (position is termed "consultant" because of grant technicalities) of a \$74,890 Eisenhower grant for offering a field oriented science course to a group of elementary teachers, summer II, 1999.
  - 1999 Author and principal investigator of \$750,000 Federal Initiative grant, "Reliable Rural Watershed Water Quality Estimate Modeling."
  - 1998 Co-author and co-principal investigator, in collaboration with John Harrison, Department of Agricultural Sciences, \$60,000 grant to the Texas Water Development Board, "Compilation, Evaluation, and Synthesis of Hydrogeologic Characterization Data for the Carrizo-Wilcox Aquifer in Texas."
  - 1998 Co-investigator, with members of the agriculture department, \$488,944 grant, submitted to SARE (Southern Region Sustainable Agricultural Research and Education), "On-Farm In-Vessel, Mechanical Composting of Poultry Mortality for Use as a Livestock Feed Ingredient."
  - 1997 Member, TAMU-C action team for a grant proposal, "Texas Collaborative for Excellence in Teacher Preparation, submitted through TEES. \$80,000 per year for five years
  - 1997 Co-author, Co-principal investigator, \$29,876 grant to Texas Statewide Systemic Initiative for Math, Science, & Technology, September,
  - 1997 Author of 32 single-piece equipment grants & grant inquiries to various environmental grant-making foundations (This shotgun approach didn't yield anything!)
  - 1995 Author, co-principal investigator, \$56,866 equipment grant to National Science Foundation

### **Professional Development Activities**

- Completed university internet course training, Spring 2001
- Completed a University workshop on "Putting Your Course On-Line", Spring, 2000
- Attended several College of Arts and Sciences lunch hour colloquia, Spring, 2000
- Completed a University Workshop on creating web pages, Spring 2000
- Audited a course in chemical instrumentation, Spring 2000
- Completed Texas Parks & Wildlife boat safety course (pertinent to research), Spring, 2000
- Attended a GIS (Arcinfo 8) seminar in Dallas November, 1999
- Participated in a grant writing initiative seminar given by the Graduate office, April, 1999
- Attended two of the College of Arts and Sciences lunch hour colloquia, Fall, 1999
- Attended Sexual Harassment Training, Feb, 1998
- Attended Ethics Training, Feb, 1998
- Attended EPA 2-day seminar on Monitored Natural Attenuation of Groundwater, November, 1998
- Attended Faculty training on CBT Campus, September, 1998
- Attended training in Texas Watch procedures (stream monitoring), Summer, 1998
- Attended Faculty Advisor Seminar on Teacher Certification, March 4, 1997
- Attended Faculty Training on Developing Internet Web Pages, Spring, 1997
- Attended Seminar on Teaching Courses via Internet, Spring, 1997
- Completed an NSF Chautauqua Course, "Interdisciplinary Science Education, A Model Course", May 9-11, 1996
- Attended Seminar on Distance Education, Texas A&M, College Station
- Attended *Building partnerships* Statewide Systemic Initiative Conference, Ft. Worth, April 14-15, 1997
- Audited a course in chemical instrumentation thru the Agriculture Dept.
- Completed training in the use of Ground Penetrating Radar, Summer, 2007
- Many, many other faculty training courses, as required by the Texas A&M University System, or



symposiums, and conferences that were of interest . . . [I no longer keep track of them](#)

### **Honors and Awards Received**

2012 Faculty Senate: Best Teacher Award (or something like that)  
2001 Star Award—Awarded by tamu College of Arts & Sciences for extraordinary personal attention to an individual student  
1987 – 1988 Southeast Missouri State University Dean's List  
1987 – 1988 Albert J. Weis Memorial Science Scholarship  
1987 – 1988 William Avery and Helen Peyton Buchner Scholarship

### **Other Evidence of Professional Achievement**

- 2001–present (inactive): Treasurer of Sigma Xi
- Missouri lifetime certification for teaching junior high and high school earth science.
- 1989: Private consultant with local engineer, environmental compliance for proposed sanitary landfill.
- 1988: Private consultant with local business, environmental audit of proposed site for business location.
- 1993: Completed Chautauqua course studying the Okefenokee Swamp
- 1991: Audited and participated in a field lab/lecture Limnology course
- Numerous visits to elementary schools to offer presentations on Earth science topics.
- 1991: taught disadvantaged, mostly minority junior high students in a summer "Talent Search" program.
- Presented several teacher workshop sessions involving activities the teachers could use in their classes.
- Judged many science fairs, including international science fair in Nashville, TN, 1992
- Student teaching: Seventh grade earth science
- Advisor for all majors in secondary education in Earth science at SEMO State University
- Designed curriculums for both an MNS and a BS degree in environmental science at SEMO State University.
- 1987-88: President of the Geoscience Society, SEMO State University.

## **\* \* \* Miscellaneous Service Activities \* \* \***

May 2012 thru present — Assistant dean, College of Science, Engineering, and Agriculture  
2012–2013 — Co-Developed the TAB science courses, IS 1315 & IS 1317  
May 2011 thru May 2012 Dept Head, Biological & Environmental sciences  
2009 thru Feb 2012 Co-Chair, University QEP (Quality Enhancement Plan) Committee  
Chair, Search committee for an environmental toxicologist  
Chair of the College tenure and promotion committee  
University Environmental Management Advisory Committee  
Advisor student “Environmental Awareness Society”  
Chair, only member, Environmental Science Graduate Certificate program committee  
Developed an articulation agreement with Collin County College for the environmental science major  
Developed an articulation agreement with Northeast Texas Community College for the environmental science major  
Chair of the College tenure and promotion committee

University Environmental Management Advisory Committee  
 University QEP (Quality Enhancement Plan) Committee  
 Member of the committee that hired Jimmy Cain  
 Chair, only member, Environmental Science Graduate Certificate program committee  
 Advisor student "Environmental Awareness Society"

### **Past**

- Chair, Smart steering Committee (2001– 2003?)
- Chair, Recruitment Committee (2000–2001?)
  - \* completed department recruitment brochure
  - \* posted flyers in all campus buildings
  - \* sent letters to prospective students
  - \* completed recruitment training course in St. Louis
  - \* in process—full color, slick paper recruitment poster w/ reply cards
- Other Committees
  - \* Committee Chair—Development of programs needs for Earth & Environmental Sciences (Capital Campaign project) (2001)
  - \* Committee member—Search Committee for Physiologist/Toxicologist (2001)
  - \* Committee member—Search Committee for Structural Geologist (2001)
  - \* Committee member—Search Committee for assistant dean (2001)
  - \* Committee member—College Planning and Advisory Committee (2001–Present)
  - \* Committee member—Department Research Committee (2001)
  - \* Committee member—College Research Council (2001–Present)
  - \* Committee member—Research & equipment
  - \* Committee member—selection of biogeochemist, 2000
  - \* Committee member—selection of earth science instructor, 2000
  - \* Committee member—selection of assistant professor in geochemistry, 2000
  - \* Committee Chair—Committee to determine the need for a computer lab, 1999-2000
  - \* Committee member—to revise Earth science curriculum, 1999-2000
  - \* Committee member—selection of tenure-track assistant professor in geochemistry, 1999-2000
  - \* Committee member—selection of instructor in Earth Sciences, 1999-2000
  - \* Co-chair environmental science program development committee, 1998, 1999, 2000
  - \* Committee member—Annual Northeast Texas Environmental Conference, 1996-1998.
  - \* Committee member—selection of Physiologist
  - \* Committee member—selection of Department Head, Biological & Earth Sciences
  - Chairman, Environmental Science section of the Texas Academy of Science 2001–2002
- Continuing: Actively solicit students into our environmental science program
- Continuing: Advise students.
- Created an Environmental Science Program brochure, 2000
- Grayson County Junior College recruitment tour April, 1999
- Cedar Valley College recruitment tour, April, 1999
- Actively solicited students into our environmental science program (currently a minor).
- Attended training seminar on degree plan preparation, 1999
- Completed Substantive Degree Program Request Bachelor of Science in Environmental Science • Tyler Junior College Recruitment, April, 1998
- Collin Co. Community College at McKinney Recruitment, April 1998
- Advised students.
- Visited West Texas A&M to learn about their environmental science program.
- Wrote, Edited, and Produced the first two editions of the Department News Letter
- Judge, Fourth Annual Sigma Xi Student Forum
- [Lots of other stuff . . . . I've simply stopped keeping track of it all](#)