

## **SUZETTE FONTENELLE CHOPIN**

Department of Life Sciences  
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July 2009

### **DEGREES:**

- M.B.A., 2003      Texas A&M University-Corpus Christi  
Corpus Christi, Texas
- Ph.D., 1974      Anatomy  
Louisiana State University Medical Center, New Orleans, Louisiana  
Dissertation: An Experimental Model System for Learning and Memory Studies:  
The Rat Spinal Cord Isolated from Cortical Structures
- M.S., 1969      Biological Sciences  
Loyola University, New Orleans, Louisiana  
Thesis: *In Vitro* Effects of Lipids on Fibrinolysis
- B.S., 1966      Secondary Education, Biology  
Loyola University, New Orleans, Louisiana

### **POSTDOCTORAL STUDY:**

- 1974-1975      Alfred A. Buerger, Ph.D.  
Department of Physical Medicine and Rehabilitation  
California College of Medicine  
University of California  
Irvine, California 92664

### **ACADEMIC EXPERIENCE:**

- 1994-Present      Professor of Biomedical Sciences  
Regents Professor  
Director, Office of Special Programs, 2001-Present  
Director, Office of Research Development, 2006-Present  
Official Health Professions Advisor  
Coordinator of the Biology Program, 1997-2001  
Associate Professor of Biology, 1994-1999  
Teaching Responsibility: Biology I, Principles of Zoology; Anatomy and  
Physiology; Embryology; Pathophysiology; Neurobiology; Biological Basis of  
Aging; Professional Skills; Biomedical Seminar; Introduction to Biomedical  
Careers; Women in Science; Biomedical Practicum

- 1991-1994  
 Dean of Basic Sciences  
 Chair, Department of Physiology and Chemistry  
 Associate Professor of Anatomy  
 Texas Chiropractic College  
 5912 Spencer Highway  
 Pasadena, Texas 77505  
 Teaching Responsibility: Human Embryology and Human Histology
- 1990-1994  
 Visiting Assistant/Adjunct Associate Professor of Biology  
 Coordinator of the Biology Department at Houston Center  
 Texas Woman's University  
 1130 M.D. Anderson Boulevard  
 Houston, Texas 77030  
 Teaching Responsibility: Pathophysiology; Human Embryology; Medical Genetics; Neuroanatomy/Neurophysiology; Biology of Aging; Neuropathophysiology; Anatomy and Physiology
- 1987-1991  
 Instructor of Biology  
 Campus Anchorperson, Central College  
 Lead Instructor, Anatomy and Physiology  
 Houston Community College  
 22 Waugh Drive  
 Houston, Texas 77270  
 Teaching Responsibility: Anatomy and Physiology; Comparative Anatomy of the Vertebrates; Biology; Zoology
- 1975-1976  
 Assistant Professor of Anatomy  
 College of Medicine, University of South Florida  
 Tampa, Florida 33620  
 Teaching Responsibility: Human Histology; Neurosciences; Head and Neck Anatomy; Graduate Anatomy
- 1970-1972  
 Graduate Assistant  
 Louisiana State University Medical Center  
 New Orleans, Louisiana 70112  
 Teaching Responsibility: Gross Anatomy; Human Histology; Neurosciences
- 1971-1972  
 Instructor  
 Touro School of Nursing  
 New Orleans, Louisiana  
 Teaching Responsibility: Anatomy and Physiology
- 1966-1969  
 High School Teacher  
 Orleans Parish School System  
 New Orleans, Louisiana  
 Teaching Responsibility: Biology and Chemistry

## **GRANTS:**

### Current:

PI/Program Director: NSF, Undergraduate Mentoring in Environmental Biology \$615,000 (9/06-8/10)

PI: NIH, Extramural Associates Research Development Award \$496,800 (9/06-8/11)

PI: NSF REU, Summer Undergraduate Research Focus (SURF): Anthropogenic Impacts on the Environment, \$448,575 (4/05 - 3/10)

Program Coordinator: NIH: Initiative for Minority Students: Bridging Master's Students to the PhD (UTMB PI: C. Cooper) \$647,949 (9/07 – 8/10)

Program Coordinator: NIH, Prepping to A Biomedical Ph.D. (UTMB PI: D. Niesel, PI) \$1,400,000 (10/08-9/12 – delayed start)

PI: NSF, Individual Nomination of Suzzette Chopin for the PAESMEM, \$10,000 (9/09-8/10)

PI/PD: NIH: VIVA: Obesity Intervention in the West Oso School District, \$89,986 (9/09–8/12)

### Pending:

Program Coordinator: NIH UTMB Hispanic Center of Excellence

Program Coordinator: NIH UTDB Hispanic Center of Excellence \$16,000

## **MEMBERSHIPS:**

### Elected:

American Association of Anatomists

Sigma Xi

Society for Neuroscience

### Non-elected

Association of Women in Science

Council for Undergraduate Research

National Association of Advisors for the Health Professions

Texas Association for Advisors to Health Professions

Women in Neuroscience

## **CONTINUING EDUCATION (Since 1991)**

NIH Internship

Extramural Associates Research Development Award, Summer 2006

American Physiological Society

Everything You Wanted to Know about IACUC, 2002, New Orleans. Louisiana

National Institutes of Health, Office for Human Research Protection  
Certifications: Human Subject Assurance Training (OHRP) and Human Participation Protection  
Education Research Teams (NIH)

Society for Neuroscience

Basics of Molecular Biology for Neurobiologists Special Course, 1997; New Orleans, Louisiana

Chautauqua Short Course for College Teachers, 1996

Molecular Medical Microbiology: Pathogenesis, Diagnosis and Molecular Typing; New Orleans,  
Louisiana

Ethics and Moral Philosophy, two semester graduate course, 1995-1996; Corpus Christi, Texas

Society for Neuroscience

Neurobiology of Disease Workshop, 1991; New Orleans, Louisiana

### **SELECTED SERVICE (Since 2002):**

University:

College of Science and Technology Steering Committee, 2006-Present

Momentum 2015 Strategic Planning Task Force on Excellence, Co-Chair, 2005

Presidential Inauguration Committee, 2005

Presidential Search Committee, 2004

Dean of College of Science and Technology Search Committee, Vice-Chair 2004-2005

Graduate Council, 1999- 2004; Chair, 2002-2004

University Advising Committee, 2000-2007; Chair, 2003-2007

College of Science and Technology, Promotion and Tenure Committee, Chair 2003-2006;  
member 2008-2009

Institutional Animal Care and Use Committee, 2002-2004; Chair, 2002-2003

University Scholarship Committee, 2002-2003

University Institutional Effectiveness Committee, 2002-2004

Professional:

Symposium/Platform Session Organizer for the American Association of Anatomists Annual  
Meetings at the Experimental Biology Conferences (Federation of American Societies for  
Experimental Biology)

Biological Basis of Aging Platform Session, San Francisco, April 2006

Environmental Toxicants & Birth Defects Symposium, Experimental Biology, San  
Diego, 2005

Histopathology of Neurodegenerative Disorders Symposium, Washington D.C., 2004

Innovations in Teaching Symposium, San Diego, 2003

Mentoring Undergraduates in Research, Orlando, 2001

American Association of Anatomists, Henry Gray/Elsevier Distinguished Educator Award  
Committee, 2006-2009; chair, 2008-2009

NSF GK-12 Panel Review, 2008

NSF Undergraduate Research and Mentoring in Biological Sciences Panel Review, 2006,  
2007

NSF Graduate Fellowship Review Panel for Microbiology, Physiology, Neurosciences, 2005,  
2006 (chair), 2007

NSF Chemistry REU Review Panel, 2005

NSF Ad Hoc Reviewer, 2005-present

American Association of Anatomists Membership Committee, 2005-2008  
American Association of Anatomists Educational Affairs Committee, 2002-2005  
Peer Reviewer, Anatomical Record (New Anatomist), 2002-2007  
Executive Board, Texas Association for Advisors to Health Professions, 2005-2007  
American Association of Anatomists Public Affairs/Policy Committee, 1999-2002  
President: Southern Section, Society of Experimental Biology and Medicine, 2002-2004  
Southern Association of Colleges and Schools, Reviewer and Site Team Member, 2001-2004  
Howard Hughes Medical Institute Review Panel for Predoctoral Awards, 2001-2004  
Federation of American Societies of Experimental Biology Federal Funding Consensus Committee, 1999-2002  
President: South Texas Chapter, Sigma Xi, 2001-2002

Community:

Corpus Christi Citizens Health Advisory Board, Corpus Christi City Council 2006-2009; chair  
Corpus Christi Caller Times Science Scholarship Committee Member, 2004-Present  
Institutional Review Board, Driscoll Children's Hospital, 1996-2005

Student Interactions:

Alpha Epsilon Delta, advisor  
Golden Key, advisor  
Pre-Dental Society, advisor

**AWARDS:**

Presidential Award for Excellence in Science, Mathematics and Engineering Mentoring, 2009  
Regents Professor, Texas A&M University-Corpus Christi. 2006  
Advisor of the Year, 2005 (Office of Student Affairs)  
Most Inspirational Professor in the College of Science and Technology, 2003, 2004 and 2005 (voted by students)  
CASE Professor of the Year, University Nominee, 1999 and 2000  
Koch Industries Outstanding Educator, 1999  
Outstanding Faculty Award, Charter Class of Texas A&M University-Corpus Christi, 1998  
Certificate of appreciation, United Campus Ministries for Dedication and Outstanding Service to TAMUCC and Its Students, 1998

**PUBLICATIONS:**

Romero, Christopher\*, Suzzette Fontenelle Chopin, Gregory Buck, Michelle Garcia\*, Elvia Martinez\*, Lisa Bixby\*. 2005. Antibacterial properties of common herbal remedies of the southwest. Journal of Ethnopharmacology 99: 253-257

Chopin, Suzzette F. 2005. Environmental causes of birth defects: Deadly, preventable. American Association of Anatomists Newsletter. 14 (2): 25-27

Chopin, Suzzette. 2004. Outreach grant supports undergraduate researchers. American Association of Anatomists Newsletter. 13 (4): 11-12.

Chopin, Suzzette and A. Lysakowski. 2003. Anatomy education: Make it real, make it relevant, make it rigorous. American Association of Anatomists Newsletter 12 (2): 31-32.

Chopin, Suzzette. 2002. Undergraduate Research Experiences: The Translation of Science from Reading to Doing. The Anatomical Record (New Anatomist). 269: 3-10.

J. David Moury and Suzzette Chopin. 2002. The good, the bad and the ugly. American Association of Anatomists Newsletter. 11 (1): 4.

Chopin, Suzzette and J. David Moury. 2001. Undergraduate Research Symposium in South Texas. American Association of Anatomists Newsletter. 10 (4): 10.

Chopin, Suzzette F. 2001. *Ginkgo biloba*. Louisiana Medical Mutual Insurance Company. Lammico Newsletter Letter. 20(1): 3.

Chopin, S.F. 2001. The Accidental Activist. Version 01.310a. Texas A&M University-Corpus Christi, Texas. <http://fronteras.tamucc.edu/bookreviews/index.htm/>

Chopin, Suzzette F. 2001. Development. MacMillian Encyclopedia.

Chopin, Suzzette. 1996. Concepts in Pathophysiology. Wm Brown Publishers, Dubuque.

Chopin, Suzzette. 1996. Lab Manual for Anatomy and Physiology. Wm. Brown Publishers, Dubuque.

Holt, T. and S. Chopin. 1977. Changes in levels of some hippocampal neurotransmitter substances following exposure to O, O diethyl S-(2 ethylthioethyl) phosphorodithioate. Anat. Rec. 184 (4): 608.

Chopin, S. 1976. Changes in protein metabolism occurring with age influence rehabilitation potential. Geriatrics 5: 52-57.

Gelder, J.B. and S.F. Chopin. 1976. The vertebral level of origin of spinal nerves in the rat. Anat. Rec. 18: 45-48.

Holt, T. and S. Chopin. 1976. The effect of an acetyl cholinesterase inhibitor (disulfoton) on hippocampal catecholamines in the rat. Anat. Rec. 184: 431-432.

Buerger, A.A. and S. F. Chopin. 1976. Instrumental avoidance conditioning in spinal vertebrates. Adv. Psychobiol. 3: 437-461.

Chopin, Suzzette and A. A. Buerger. 1976. Instrumental avoidance conditioning in the spinal rat. Brain Res. Bull. 1: 177-183.

Chopin, Suzzette F. and A. A. Buerger. 1975. Graded acquisition of an instrumental avoidance response by spinal rat. Physiol. Behav. 15: 155-158.

Chopin, Suzzette F. and A. A. Buerger. 1975. A two-control system for demonstrating avoidance conditioning in the spinal rat. Anat. Rec. 181: 331.

Chopin, S.F. and M.H. Bennett. 1975. The effect of unavoidable shock on instrumental avoidance conditioning in spinal rat. Physiol. Behav. 14: 399-401.

Chopin, S. F. and E. L. Beard. 1973. In vitro effect of lipid on fibrinolysis. Thrombos. Diathes. haemorrh. 29: 286-292.

## **PRESENTATIONS (since 1996):**

Chopin, S. 2008. Human aging, healthy aging. Museum of Science and History. Corpus Christi, TX

Chopin, S. 2008. Divas keeping their mental groove. Rockport Women's Club. Rockport, TX.

Maldonado\*, Y., M. Dauge\* and S. Chopin. 2007. The antimicrobial efficacy of *Clematis drummondii*. Texas A&M University-Corpus Christi 7<sup>th</sup> Undergraduate Research Symposium, Corpus Christi, TX (poster)

Maldonado\*, Y., M. Dauge\* and S. Chopin. 2007. The antimicrobial efficacy of *Clematis drummondii*. Sigma Xi International Conference, Orlando, FL (Superior Award, poster)

Chopin, S. 2007. The Biological Basis of Aging. Human Anatomy and Physiology Society. Keynote Speaker. San Diego, CA

Chopin, S. 2006. Biological Basis of Aging. Platform Organizer/Chair. American Association of Anatomists, Federation of American Societies of Experimental Biology Convention. San Francisco, CA.

Chopin, S. 2006. The benefits of undergraduate research. To Think and Act Like A Scientist: The Roles of Inquiry, Research and Technology. Texas Tech University and the Howard Hughes Institute. Lubbock, TX (poster)

Chopin, S. 2006. Summer Research Opportunities. Texas Association of Advisors to Health Professions. Houston, TX (oral presentation)

Alcantara\*, D., C. Romero\*, S. Chopin, G. Buck and D. Hernandez\*. 2005. Antibacterial efficacy of indigenous medicinal plants of northern Mexico. CUR Posters on the Hill Washington, D.C. (poster)

Alcantara\*, D., S. Chopin, K. Eddy\*, D. Mancha\* and G. Buck. 2005. Antibacterial efficacy of indigenous medicinal plants of northern Mexico. Texas A&M University-Corpus Christi 5<sup>th</sup> Undergraduate Research Symposium, Corpus Christi, TX (oral; **First Place**)

Alcantara\*, D., C. Romero\*, S. Chopin, G. Buck and D. Hernandez\*. 2004. Antibacterial efficacy of indigenous medicinal plants of northern Mexico. Texas A&M University-Corpus Christi 4<sup>th</sup> Undergraduate Research Symposium, Corpus Christi, TX (poster; **Second Place**)

Alcantara\*, D., C. Romero\*, S. Chopin, G. Buck and D. Hernandez\*. 2004. Antibacterial efficacy of indigenous medicinal plants of northern Mexico. 2<sup>nd</sup> Annual Texas A&M System Pathways Research Symposium. Corpus Christi TX (winner 3<sup>rd</sup> place award, poster)

Griffith\*, M., M. Olson\*, C. Romero\*, S. Chopin, F. Billiot. 2004. Analysis of herbal plant components using capillary electrophoresis. American Chemical Society meeting. Ft. Worth TX (poster)

Chopin, Suzzette F. 2004. American Association of Anatomists, Federation of American Societies of Experimental Biology Convention. Organizer/Chair for Histopathology of Neurodegenerative Diseases, Washington, D.C.

Chopin, Suzzette F. 2004. Girl Brains, Boy Brains. Texas A&M University-Corpus Christi. Island Days, Touch of Class: February 22 and March 27 (oral presentations)

Chopin, Suzzette F. 2003. American Association of Anatomists, Federation of American Societies of Experimental Biology Convention. Organizer/Chair for Teaching Innovations in Anatomy. San Diego CA

Garcia, Michelle\*, Christopher Romero\*, Elvia Martinez\*, Lisa Bixby\*\*, Suzzette Chopin. 2003. Determination of antibiotic efficacy and properties of medicinal plants used in herbal remedies. Sigma Xi National Conference. Los Angeles (poster)

Romero, Christopher\*, Suzzette Chopin, Michelle Garcia\*, Elvia Martinez\*. 2003. Antibacterial activity of common herbal remedies. ABRCMS Conference. San Diego CA (poster)

Romero\*, C., M. Garcia\*, E. Martinez\* and S. Chopin. 2003. Antibacterial activity of common herbal remedies. Texas A&M University-Corpus Christi 3<sup>rd</sup> Undergraduate Research Symposium, Corpus Christi, TX (poster; **First Place**)

Romero\*, Christopher, Michelle Garcia\*, Elvia Martinez\*. 2003. Anti-Microbial Action of common folk remedies. SACNAS Conference. Mentor: S. Chopin (oral)Chopin, Suzzette F. 2001. The effect of herbal remedies on chick embryo development. Loyola University. (invited seminar)

Chopin, S. 2001. American Association of Anatomists, Federation of American Societies of Experimental Biology Convention, Symposium Organizer/Chair for Mentoring Undergraduate Students in Research. Orlando FL

Garcia\*, T., A. Covington\* and S. Chopin. 2001 The effects of St. John's wort on developing systems of chick embryos. . Sigma Xi Student Research Symposium. Raleigh, N.C. (poster)

Garcia\*, T., A. Covington\* and S. Chopin. 2001. St. John's wort causes bleeding in chick embryos. Texas A&M University-Corpus Christi 1<sup>st</sup> Undergraduate Research Symposium, Corpus Christi, TX (oral)

Marinez, D. and S. Chopin. 2000. Texas A&M University-Corpus Christi: A Role Model Institution. Minority Access, Inc. Washington D.C. (voted designation of Role Model Institution for 2001, oral presentation)

Nuckols\*\*, J. and S. Chopin. 2000. The effect of Echinacea on chick embryos. Southwest Section of the Society for Experimental Biology and Medicine. New Orleans, LA (poster presentation by Nuckols, winner of research award)

Chopin, S. 2000. The effects of herbal remedies on chick development. Del Mar College Seminar (oral presentation)

Garcia\*, T. , A. Covington\* and S. Chopin. 2000. St. John's wort causes bleeding in chick embryos. 14<sup>th</sup> Undergraduate Research Symposium. Galveston, TX (oral presentation by Garcia, winner of 1<sup>st</sup> place award)

Floissac\*, M., S. McConley\* and S. Chopin. 1999. Ginkgo biloba is embryotoxic to chick embryos. American Association of Anatomists, Federation of American Societies of Experimental Biology. Washington, D.C. (oral presentation by Floissac)

Frankum\*\*, H. and S. Chopin. 1999. The effects of cadmium and calcium on frog embryo development. American Association of Anatomists, Federation of American Societies of Experimental Biology. Washington, D.C. (oral presentation by Frankum)

Thomas\*\*, M. and S. Chopin. 1999. The effects of cadmium and zinc on frog embryo development. American Association of Anatomists, Federation of American Societies of Experimental Biology. Washington, D.C. (oral presentation by Thomas)

Floissac\*, M., S. McConley\* and S. Chopin. 1999. Ginkgo biloba is embryotoxic to chick embryos. 13<sup>th</sup> Undergraduate Research Symposium, Galveston, TX (oral presentation by Floissac who won the First Place Award of Excellence)

Anyalebechi\*, V., R. Campos\*, V. Rodriguez\* and S. Chopin. 1999. The effect of St. John's wort on chick embryos. 13<sup>th</sup> Undergraduate Research Symposium, Galveston, TX (oral presentation by Anyalebechi)

Frankum\*\*, H. and S. Chopin. 1999. The effects of cadmium and calcium on frog embryo development. . Society for Experimental Biology and Medicine, Southwest Section, Galveston, TX (oral presentation by Frankum)

Thomas\*\*, M. and S. Chopin. 1999. The effects of cadmium and zinc on frog embryo development. Society for Experimental Biology and Medicine, Southwest Section, Galveston, TX (oral presentation by Thomas)

Floissac\*, M. and S. Chopin. 1998. The effects of Ginkgo biloba on chick embryo development. Gulf Coast Society of Toxicology, Galveston, TX (oral presentation by Floissac, winner of Honorable Mention Award)

Floissac\*, M., C. Peter\* and S. Chopin. 1998. The effects of Ginkgo biloba on chick embryo development. Annual SCANAS Convention, Washington, D.C. (poster presentation by Floissac)

Campos\*, R., J. Galindo\* and S. Chopin. 1998. The effects of mercury on the developing chick embryo. 6<sup>th</sup> Annual National Science Foundation, Alliance for Minority Participation Research Conference, Pablo, Montana (oral presentation by Campos)

Floissac\*, M., C. Peter\* and S. Chopin. 1998. The effects of Ginkgo biloba on chick embryo development. 6<sup>th</sup> Annual National Science Foundation, Alliance for Minority Participation Research Conference, Pablo, Montana (oral presentation by Floissac)

Tarasenko\*, Y. and S. Chopin. 1998. The effect of arsenic on the embryological development of the chick. Southwestern Regional Conference for Developmental Biology, Corpus Christi, TX (poster presentation by Tarasenko)

Thomas\*, M., H. Frankum\*\*, K. Swart\*, M. Haas\* and S. Chopin. 1998. The effects of cadmium and zinc on frog embryo development. Southwestern Regional Conference for Developmental Biology, Corpus Christi, TX (oral presentation by Thomas, winner of Award of Excellence)

Tarasenko\*, Y. and S. Chopin. 1998. The effect of arsenic on the embryological development of the chick. Council on Undergraduate Research, Posters on The Hill. Washington, D.C. (poster presentation on Capitol Hill)

Tarasenko\*, Y. (S. Chopin, mentor). 1998. The effect of arsenic on the embryological development of the chick. National Council on Undergraduate Research, Salisbury, MD (oral presentation)

Frankum, H.\*\*, M. Haas\*, K. Swart\*, M. Thomas\* and S. Chopin. 1998. The effect of St. John's wort on frog embryo development. 12th Annual Undergraduate Research Symposium, UTMB, Galveston, TX (oral presentation by Frankum)

Galindo\*, J., R. Campos\*, and S. Chopin. The effects of low levels of mercury on chick development. 12th Annual Undergraduate Research Symposium, UTMB, Galveston, TX (oral presentation by Campos)

Haas\*, M., H. Frankum\*\*, K. Swart\*, M. Thomas\* and S. Chopin. 1998. The effects of cadmium and zinc on frog embryo development. 12th Annual Undergraduate Research Symposium, UTMB, Galveston, TX (oral presentation by Haas)

Tarasenko\*, Y. and S. Chopin. 1998. The effect of arsenic on the embryological development of the chick. 12th Annual Undergraduate Research Symposium, UTMB, Galveston, TX (oral presentation by Tarasenko, First Place Award of Excellence)

de Forest\*\*, P. and S. Chopin. 1997. Reduction of cadmium induced malformations in chick embryos by co-injecting with zinc. 13th International Congress of Developmental Biology, Snowbird, UT (poster)

Swart\*, K., H. Frankum\*, M. Thomas\*, and S. Chopin. 1997. Evaluation of cadmium and zinc teratogenesis using the frog embryo teratogenesis assay-Xenopus (FETAX), Southwestern and Rocky Mountain Division, American Association for the Advancement of Science, College Station, TX. (oral presentation by Swart, Award of Excellence)

Frankum\*, H., P. Clepper\*, J. Bailey\*, K. Swart\* and S. Chopin. 1997. The South Texas Journal of Science: a medium for student publication. Southwestern and Rocky Mountain Division, American Association for the Advancement of Science, College Station, TX (oral presentation by Frankum)

de Forest\*\*, P. and S. Chopin. 1997. The effect of cadmium and zinc on the developing chick embryo. Federation for the Associated Societies of Experimental Biology, New Orleans, LA. (oral presentation by de Forest)

de Forest\*\*, V. Rodriguez\*, and S. Chopin. 1997. Embryotoxicity of cadmium and zinc in chick embryos. 5th Annual South Texas Environmental Conference, Corpus Christi, TX (poster)

Frankum\*, H., K. Swart\*, M. Thomas\*, M. Meilak\* and S. Chopin. 1997. Frog embryo teratogenesis assay-Xenopus (FETAX): a method to evaluate toxins rapidly. 5th Annual South Texas Environmental Conference, Corpus Christi, TX (poster)

Clepper\*, P., H. Frankum\*, C. Jeffers\* and S. Chopin. 1997. The South Texas Journal of Science. 5th Annual South Texas Environmental Conference, Corpus Christi, TX (poster)

de Forest\*\*, P., V. Rodriguez\* and S. Chopin. 1997. The effects of zinc and cadmium on the developing chick embryo. Eleventh Annual Undergraduate Research Symposium (UTMB), Galveston, TX (oral presentation by Rodriguez, Third Place Award of Excellence)

Thomas\*, M., H. Frankum\*, K. Swart\* and S. Chopin. 1997. Rapid identification of embryo-lethal and teratogenic substances. Eleventh Annual Undergraduate Research Symposium (UTMB), Galveston, TX (oral presentation by Thomas)

Swart\*, K., P. Clepper\*, H. Frankum\*, M. Bearden\* and S. Chopin. 1997. The South Texas Journal of Science. Eleventh Annual Undergraduate Research Symposium (UTMB), Galveston, TX (oral presentation by Swart)

de Forest\*, P. and S. Chopin. 1996. Embryotoxicity of cadmium in chick embryos. Southwestern and Rocky Mountain Division of the American Association for the Advancement of Science, Flagstaff, AZ (oral presentation by de Forest, Award of Excellence)

de Forest\*, P. and S. Chopin. 1996. Embryotoxicity of xylene in chick embryos. Southwest Regional Conference for Developmental Biology, Denton, TX (oral presentation by de Forest)

Chopin, S. 1996. Science and technology in the classroom. National Teacher Training Institute for Math, Science and Technology. Corpus Christi, TX (keynote speaker)

de Forest\*, P., D. Wagner\*, H. Frankum\* and S. Chopin. 1996. Cadmium and xylene: dispersal and biological impact. South Texas Environmental Conference, Corpus Christi, TX (poster presentation)

\*Undergraduate student

\*\*Graduate student