

Dr. Jennifer M. Smith-Engle

Texas A&M University-Corpus Christi
Science & Engineering, Physical & Environmental Sciences
Office: Natural Resources Center 3502, Office Phone: (361) 825-2436, Email: jennifer.smith-
engle@tamucc.edu

Education

PhD, University of Georgia, 1983.

MS, Yale University, 1979.

AB, Vassar College, 1977.

Licensures and Certifications

Professional Geologist #10315, Texas Board of Professional Geologists. (2007 - 2016).

Professional Employment

Assistant Chair, Dept Physical and Environmental Sciences, Texas A&M University-Corpus Christi. (January 2015 - Present).

Assist Department Chair in managing operations of multidisciplinary department with 30+ full time faculty and offering BS, MS and PhD degrees.

Professor of Environmental Science and Geology, Texas A&M University-Corpus Christi (Corpus Christi State University). (September 2003 - Present).

Interim Chair, Dept. Physical and Environmental Sciences, Texas A&M University-Corpus Christi. (September 2012 - July 2014).

Responsible for multidisciplinary department with 30+ full-time faculty and offering BS, MS and PhD degrees.

Interim Dean, College of Science and Technology, Texas A&M University-Corpus Christi. (August 2005 - December 2005).

Led College during period of active search for permanent dean. Oversaw budget, academic programs and policies, College personnel. Provided leadership to articulate College accomplishments and needs to higher administration, guide faculty in their academic endeavors, served as chief College liaison to community at large.

Professor of Geology, Texas A&M University-Corpus Christi. (August 1994 - August 2003).

Interim Dean, University Outreach, Texas A&M University-Corpus Christi. (September 1997 - August 1999).

Liaison between university and South Texas community; facilitate positive involvement and leadership role of university in addressing important regional needs. Led and developed university programs in workforce development, events management, continuing professional education, professional examinations, professional enrichment programs, youth camps, campus staff development, sponsored programs. Reviewed/approved sponsored programs grants and contracts, administered Outreach budget, managed office staff of ten.

Associate Professor of Geology, Texas A&M University-Corpus Christi. (September 1989 - August 1994).

Assistant Professor of Geology, Texas A&M University-Corpus Christi (Corpus Christi State University). (September 1984 - August 1989).

Instructor of Geology, Texas A&M University-Corpus Christi (Corpus Christi State University). (January 1983 - August 1984).

Administrative Appointments

Department

Assistant Chair, Dept. Physical and Environmental Sciences (2015 - Present)
Assisted Chair in managing multidisciplinary department of 30+ faculty and offering BS, MS and PhD degrees.

Program Coordinator (1999 - Present)
Coordinate Environmental Science BS/MS Program. Oversee activities related to course scheduling, student recruitment, program revision/ assessment, identifying adjuncts, resource management. Expand ESCI MS distance education offerings.

Program Coordinator (2014 - 2016)
Coordinate Geology BS Program. Oversee activities related to course scheduling, student recruitment, program revision/ assessment, identifying adjuncts, resource management.

Department Chairperson (2012 - 2014)
Interim Chair for Dept. of Physical and Environmental Sciences.

Program Coordinator (1991 - 1998)
Geology BS Program. Oversee activities related to course scheduling, student recruitment, program revision/ assessment, identifying adjuncts, resource management.

College

Associate Dean (2006 - 2011)
Associate Dean for College of Science and Technology. Manage academic issues for Dean and other duties as assigned.

University

Assistant to Provost (1999 - 2000)
Assisted and advised in university policy issues and in preparation for and response to Southern Association of Colleges and Universities (SACS) accreditation review.

Professional Memberships

Geological Society of America
Corpus Christi Geological Society

TEACHING

Teaching Experience

CHEM 4696, DIS Introduction to Chemical Practices II
CMSS 6996, RESEARCH

ESCI 1401, ENV SCI I:INTRO TO ENV SCIENCE
ESCI 4496, DIRECTED INDEPENDENT STUDY
ESCI 4498, INTERNSHIP IN ENVIRO SCIECE
ESCI 5294, THESIS III: THESIS SUBMISSION
ESCI 5392, THESIS I: THESIS PROPOSAL
ESCI 5393, THESIS II: THESIS RESEARCH
ESCI 5394, THESIS III: THESIS SUBMISSION
ESCI 5397, DIRECTED RESEARCH
ESCI 5596, DIRECTED INDEPENDENT STUDY
ESCI 5940, PROJECT RESEARCH
GEOL 1303, ESSENTIALS OF GEOLOGY
GEOL 3441, INVERTEBRATE PALEONTOLOGY
GEOL 3443, ENVIRONMENTAL GEOLOGY
GEOL 4430, INTERNSHIP IN GEOLOGY
GEOL 4496, DIRECTED INDEPENDENT STUDY
SMTE 3315, FOUND APPROACHES TO PHYS SCI

SCHOLARLY AND CREATIVE ACTIVITIES

Publications

Refereed

Conference Proceedings

Smith-Engle, J. M. (2016). In Jennifer M. Smith-Engle (Ed.), *Gulf Coast Association of Geological Societies Transactions, 66th Annual Convention, Corpus Christi, Texas, September 18-20, 2016* (vol. 66, pp. 1095). Gulf Coast Association of Geological Societies.

Journal Articles

Khan, R. H., Smith-Engle, J. M., Tissot, P., Murgulet, D. (2016). Temporal Spatial and Depth Variations of Ground Water Chemistry: An Indicator of Hydro-Geochemical Evolution in Shallow Coastal Aquifers, South Texas. *Gulf Coast Association of Geological Societies Transactions, 66*, 313-329.

Presentations

Smith-Engle, J. M., "Panel Discussion," Public Screening of Film "Between Earth and Sky: Climate Change on the Last Frontier", CBI/HRI/CCS/CWSS and KRIS-TV, TAMUCC. (April 3, 2017).

Smith-Engle, J. M. (Author & Presenter), Khan, R. H. (Author), Tissot, P. (Author), Murgulet, D. (Author), Gulf Coast Association of Geological Societies Annual Convention, Corpus Christi Geological Society, Corpus Christi, Texas. (September 20, 2016).

Smith-Engle, J. M., "Site-Specific Sargassum Practices on South Texas Beaches," Sargassum Symposium, Port Aransas TX. (April 2009).

Smith-Engle, J. M., "South Texas Gulf Beach Maintenance as a Geological Process," Annual Meeting, Geological Society of America, Houston, TX. (October 2008).

Smith-Engle, J. M., Hay, R. (Author), Williams, D. (Author), "Models for Beach Renourishment of a Back-Barrier Shoreline, Padre Island National Seashore, Texas," GCAGS 57th Annual Conference, Gulf Coast Association of Geological Societies, Corpus Christi, TX. (October 2008).

Smith-Engle, J. M., "Development on the Barrier Island," American Institute of Architects, S. Texas Chapter, Corpus Christi TX. (May 2008).

SERVICE

Department

Committee Member, PENS Promotion and Tenure Committee. (August 2016 - Present).

Committee Chair, PENS Promotion and Tenure Committee. (September 2014 - September 2016).

Committee Chair, Search Committee for GEOL Visiting Instructor. (September 2015 - December 2015).

Committee Chair, Search Committee for ESCI Visiting Instructor. (September 2015 - November 2015).

College

Committee Member, COSE BS in Integrated Science Proposal Committee. (August 2016 - Present).

Committee Member, S&E TA Selection Committee. (September 2006 - Present).

Committee Chair, S&T Promotion Tenure Committee. (September 2015 - August 2016).

Committee Chair, BS in General Science Degree Proposal Committee. (September 2011 - August 2013).

Committee Chair, S&T Steering Committee. (December 2011).

Committee Chair, S&T Curriculum Committee. (August 2011).

Committee Chair, S&T Field Trip Committee. (April 2011).

University

Committee Member, TAMUCC Environmental Council. (September 2014 - Present).

Committee Member, BAAS Advisory Committee. (January 2013 - December 2014).

Committee Member, UCCP. (January 2010 - December 2014).

Professional

Editor, Conference Proceedings, Gulf Coast Association of Geological Societies. (September 2015 - Present).

Reviewer, Ad Hoc Reviewer, U.S. Dept. Interior National Park Service. (April 2011).

Consulting

Government, Nueces County, Corpus Christi, TX. (January 1, 2004 - September 30, 2011).

Public

Guest Speaker, Early Act First Knight Club, Rose Shaw Elementary School. (April 2017).

Panelist, TAMUCC. (April 2017).

Guest Speaker, Leadership Texas. (July 2011).

Officer, President/Elect/Past, Rotary Club of Southside Corpus Christi. (July 2010 - June 2011).

Guest Speaker, Coastal Bend Bays Foundation. (May 2011).
Committee Chair, Nueces County Beach Management Advisory Committee. (September 1992 - December 2003).
Officer, President/Elect/Past, Coastal Bend Bays Foundation. (September 1997 - August 1998).

Service Awards and Honors

Environmental Stewardship Award - Higher Education, Coastal Bend Bays Foundation. (2008).