

KAREN J. LITTLE
SUL ROSS STATE UNIVERSITY
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Education:

M.S., Biology, Western Illinois University, Macomb, Illinois. 1999

Thesis research: Pollination and genetic variability in the orchid *Platanthera lacera*.

B. S., Biology, Western Illinois University, Macomb, Illinois. 1996

A. S., Science, Lincoln Land Community College, Springfield, Illinois. 1994

Experience:

DAAB Laboratory Manager, 2007- present

Sul Ross State University

Manager of the TRIES Deployable Aqueous Aerobic Bioreactor project and the Treatment of Pharmaceuticals and Sanitary Chemicals using Deployable Aqueous Aerobic Bioreactor Technologies project

Adjunct Faculty, 2008

Sul Ross State University

Course: Med/Veterinary Microbiology

Microbiology Laboratory Manager, 2005-2007

Sul Ross State University

Rio Grande Bacterial Pathogen Study

Research Assistant, 1994-2003

Illinois State Museum Society Research and Collections Center, Springfield, IL
Genetic analysis, field research, and curation.

Adjunct Faculty, 1994-1995

Lincoln Land Community College, Springfield, IL

Course: Microbiology for Nursing Students and Anatomy & Physiology

Research Assistant, 1995

Illinois Natural History Survey, Champaign/Urbana, IL

Field research

Grants:

Treatment of Pharmaceuticals and Sanitary Chemicals using Deployable Aerobic Aqueous Bioreactor Technologies. 2010. DoD contract W912HZ-11-1-0001. \$744,355 (w/C. M. Ritzi).

TRIES (Texas Research Institute for Environmental Studies) Deployable Aerobic Aqueous Bioreactor project. 2007. DoD contract F41624-02-2-900, Sul Ross subcontract number 32120-S081. \$513,780 (w/ K. L. Sternes)

Genetic Diversity in Two Isolated Populations of *Goddyera pubescens*. 1994. Club 1877, Illinois State Museum Society. \$4950 (w/J. R. Purdue)

Publications:

Sternes, Keith L. and Karen Little (2006). A review of the Clinical Incidence of Antibiotic Resistant Bacteria along the Texas-Mexico Border. Environmental Threat Collaborative Report.

Little, Karen J., Gregg Dieringer, and Michael Romano (2005). Pollination ecology, genetic diversity and selection on nectar pur length in *Platanthera lacera* (Orchidaceae). Plant Species Biology, Volume 20, Issue 3, 183-190.