

Suzanne J. DeVries-Zimmerman
Abbreviated CV

Education:

B.S., magnum cum laude, Phi Beta Kappa, Biology, Hope College, 1982

B.A., Geology, Hope College, 1985

M.A., Geological and Geophysical Sciences, Princeton University, 1989

Positions Held

February 1988 – November 1990, Geology/Risk Assessment Environmental Group
Leader and Project Manager, Sadat Associates, Inc., Princeton, New Jersey.

November 1990 – Spring 1996, Geologist, Fishbeck, Thompson, Carr & Huber, Inc.,
(FTCH) Ada, Michigan.

Spring 1996 - May 2000, Senior Geologist, FTCH, Ada, Michigan.

January 1999 – present, Part-time lecturer, Geological and Environmental Sciences, Hope
College.

Ancillary Activities Relevant to this Proposal

During my employment at Sadat Associates, Inc., I performed many wetland determination/delineations and ecological inventories for various hazardous waste/Superfund sites, solid waste disposal facility siting and remediation projects.

During my employment at FTC&H, I headed the wetland service group, performed wetland determinations, delineations, and completed wetland permit applications. I also performed ecological surveys and worked on the development of stream bank erosion/stabilization plans. In addition, I provided expert witness testimony on wetlands in U.S. District Court on behalf of the defendant in United States of America v. Calvin Ackley, in February 1994.

During the summer of 2005, I performed research in conjunction with Ryan Zietlow, Kathy Winnett-Murray and Edward C. Hansen, all of Hope College, under a Hope College-HHMI Faculty Development Grant for Interdisciplinary Case Study Development titled “A Case Study of a Migrating Sand Dune: How do Geomorphological Events Shape Plant Communities and Faunal Succession.” The results of this research were used to develop the curriculum for a new case study that has been used successfully in the spring and fall 2006 Planet Earth classes.

RELEVANT PUBLICATIONS

Papers in Review:

2006, DeVries-Zimmerman, S., van Dijk, D., Hansen, E and Yurk, B. Sand Deposition and Vegetation Patterns on a Parabolic Dune on the Southeastern Shore of Lake Michigan. Submitted to Geomorphology, September 2006.

Abstracts:

2006, DeVries-Zimmerman, S., Zietlow, R. and Hansen, E.C. Seasonal Sand Deposition and Vegetation Patterns on a Large Parabolic Dune on the Southeastern Shore of Lake Michigan. Association of American Geographers 2006 Annual Meeting.

2006, DeVries-Zimmerman, S. and Hansen, E.C. Vegetation Zonation in Response to Aeolian Sand Burial on a Parabolic Dune in Southwestern Michigan. Sixth International Conference on Aeolian Research, University of Guelph, Guelph, Ontario, Canada

2006, DeVries-Zimmerman, S.J. and Hansen, E.C. Vegetation Zonation in Response to Aeolian Sand Burial on a Parabolic Dune in Southwestern Michigan. Great Lakes Dune Conference, October 3-4, 2006, Traverse City, Michigan.