

**VITA**  
**GARY C. STEINHARDT**

January 24, 2008

**EDUCATION**

B.S. 1966 Agricultural Science, Michigan State University  
M.S. 1968 Soil Science, Michigan State University  
Ph.D. 1976 Agronomy, Purdue University

**EXPERIENCE**

1966-1968 Graduate Assistant, Michigan State University  
1971-1976 Graduate Assistant and Instructor, Purdue University  
1976-1982 Assistant Professor, Purdue University  
1982-1991 Associate Professor, Purdue University  
1991-Present Professor, Purdue University

**CERTIFICATION**

Certified Agronomist/Soil Scientist #1104, ARCPACS  
Registered Professional Soil Scientist #15, Indiana Registry of Professional Soil Scientists

**GENERAL INFORMATION**

**CURRENT RESEARCH INTERESTS**

Research on soil physical properties and tillage practices. Currently the most important studies involve the influence of soil properties and yield with conservation management systems. Research also involves the study of how Indiana soils were formed, the characterization and mapping of important soil properties, and how these properties relate to soil management practices. Much of this research is conducted in cooperation with other scientists. Currently work is being done on a number of research projects that have practical significance for crop production in Indiana including site-specific management.

**CURRENT TEACHING RESPONSIBILITIES**

AGRY 155	Introduction to Soil Morphology	Fall	5
AGRY 355	Soil Morphology and Geography	Fall	5
AGRY 598	Special Problems in Soil Morphology	Fall	5
AGRY 450	Soil Conservation and Water Management	Fall	30
AGRY 585	Soils and Land Use	Spring	20
AGRY 598	Special Problems in Soil Morphology	Spring	15

**HONORS AND AWARDS**

Fellow, Soil and Water Conservation Society  
Fellow, Indiana Academy of Science  
Alpha Zeta  
Blue Key  
Epsilon Sigma Phi  
Gamma Sigma Delta  
Omicron Delta Kappa

Phi Kappa Phi  
Sigma Xi

### **PROFESSIONAL SOCIETIES**

American Society of Agronomy  
Council for Agricultural Science and Technology  
Indiana Association of Professional Soil Classifiers  
International Erosion Control Association  
Indiana Academy of Science  
National Association of Colleges and Teachers of Agriculture  
Purdue University Cooperative Extension Specialists Association  
Soil Science Society of America

### **SERVICE**

Indiana Representative, NC1012 Regional Research Committee  
Indiana Representative, NC1017 Regional Research Committee  
Member, Indiana Soils/Prime Farmland Reclamation Team  
Advisor, Purdue Chapter, The Fraternity of Alpha Zeta  
Advisor, Purdue University Student Chapter, Soil and Water Conservation Society  
Advisor, Purdue Venturing Crew  
Coach Purdue Soils Team

### **PUBLICATIONS**

1. Steinhardt, G. C., R. L. Higgs, G. L. Davis. 2003 North American Colleges and Teachers of Agriculture Soils Contest Four Year Division: Official Rules and Procedures pp. 21
2. Franzmeier, D.P., G.C. Steinhardt and D. G. Schulze. 2004. Indiana Soils and Landscape Evaluation Model Version 1.0 Purdue University Cooperative Extension Service, West Lafayette, Indiana, 74 pp.
3. Morris D. K., C. J. Johannsen, S. M. Brouder and G. C. Steinhardt 2004. Using remote sensing for detection of soil properties. In Daniel Hillel ed., Encyclopedia of Soils in the Environment. Elsevier pp. 4.
4. Steinhardt, G. C. 2009. Particle Size In W. Chesworth ed., Encyclopedia of Soil Science Springer, pp. 505-510.