

STEVEN A. FREEMAN, Ph.D., CSP

RANK: Associate Professor **APPOINTMENT DATE:** July 2003
POSITION: Assistant Director, Center for Excellence in Learning and Teaching (January 2004)

EDUCATION:

B.S.	Agricultural Engineering	Colorado State University	1988
M.S.	Agricultural Engineering	Texas A&M University	1990
Ph.D.	Agricultural Engineering	Purdue University	1993

POSITIONS:

2004 – Assistant Director, Center for Excellence in Learning & Teaching, Iowa State University
2003 – Associate Professor, Agricultural & Biosystems Engineering, Iowa State University
2003 – 2004 Associate Professor, Industrial Education & Technology, Iowa State University
1998 – 2003 Assistant Professor, Agricultural & Biosystems Engineering, Iowa State University
1997 – 2003 Assistant Professor, Industrial Education & Technology, Iowa State University
1993 – 1997 Agricultural Safety Specialist, Purdue University

CERTIFICATIONS:

Certified Safety Professional (CSP). 2001. Board of Certified Safety Professionals. Certificate No: 16984.

PUBLICATIONS (1997-2005):

<u>Refereed Articles</u>	<u>Book Chapters</u>	<u>Conference Proceedings</u>	<u>Other Publications</u>
14	5	11	9

PRESENTATIONS (1997-2005):

<u>Prof Soc Present</u>	<u>Conf & Workshops</u>	<u>Invited Domestic Papers</u>	<u>Invited Intl Papers</u>
33	12	16	2

SPONSORED PROGRAMS (1997-2005):

<u>Total # of Awards</u>	<u>Total Awards</u>
24	\$2,891,779

GRADUATE STUDENTS CHAIRED (1997-2005):

<u>Completed Program</u>		<u>Current Program</u>	
<u>MS</u>	<u>PhD</u>	<u>MS</u>	<u>PhD</u>
9	3	2	8

SIGNIFICANT HONORS (1997-2005):

Executive Board, National Association of Industrial Technology	2002–
Board of Directors, Iowa Farm Safety Council	1998–
President, Iowa Farm Safety Council	2001–03
Wakonse Fellow	2002
College of Education Outstanding Early Achievement in Outreach Commendation	2001
ASAE Education Aids Blue Ribbon	1997

SIGNIFICANT PUBLICATIONS (1997-2005):

Field, D.W., **S.A. Freeman**, and M.J. Dyrenfurth. 2004. Holistic assessment of students in undergraduate industrial technology programs. *Journal of Technology Studies* 30(4):78-85.

Freeman, S.A. and D.W. Field. 2004. Student perceptions of Web-based supplemental instruction. *Journal of Technology Studies* 30(4):25-31.

Freeman, S.A. and M.J. Dyrenfurth. 2003. Using peer assessments in team activities. *Journal of Industrial Technology* 20(1), <http://www.nait.org/jit/Articles/freeman102903.pdf>.

Freeman, S.A., C.V. Schwab, and T. Pollard. 2003. Assessment of Iowa farmers' perceptions about auger safety. *Journal of Agricultural Safety and Health* 9(1):61-74.

Freeman, S.A. 2002. Sun safety. In C.V. Schwab (Ed.), *2003 Progressive Farmer Farm Safety Day Camp Manual*. Birmingham, AL: Progressive Farmer Farm Safety Day Camp Program.

Freeman, S.A., D.W. Field, and M.J. Dyrenfurth. 2001. Using contextual learning to build cross-functional skills in industrial technology curricula. *Journal of Industrial Teacher Education* 38(3): 62-75.

Freeman, S.A., D.W. Field, and M.J. Dyrenfurth. 2001. Enriching the undergraduate experience through a technology learning community. *Journal of Technology Studies* 27(1):53-58.

Freeman, S.A. and K.M. Embleton. 2000. Enhancing a residential safety course with the development of an online component: A limited case study. *Journal of Industrial Technology* 16(4), <http://nait.org/jit/Articles/freeman082200.pdf>.

Schwab, C.V., **S.A. Freeman**, and T. Pollard. 2000. Assessment of the condition of Iowa augers, auger-related injuries, and farmers' perceptions about auger-related injuries. *Journal of Agricultural Safety and Health* 6(2):117-129.

Freeman, S.A. 1999. Potential impact of a ROPS retrofit policy in Central Iowa. *Journal of Agricultural Safety and Health* 5(1): 11-18.

Freeman, S.A. and D.W. Field. 1999. Benefits of a cross-functional safety curriculum. *Journal of Industrial Technology* 15(4), <http://www.nait.org/jit/Articles/free0899.pdf>.

Field, D.W. and **S.A. Freeman**, eds. 1999. *Conversion 2000: Y2K*. Iowa State University: Ames, IA and Manufacturing Extension Partnership: Washington D.C.

Freeman, S.A., S.D. Whitman, and R.L. Tormoehlen. 1998. Baseline childhood farm safety data for Indiana. *Journal of Agricultural Safety and Health* 4(2):119-130.

Freeman, S.A., K.W. Kelley, D.E. Maier, and W.E. Field. 1998. Review of entrapments in bulk agricultural materials at commercial grain facilities. *Journal of Safety Research* 29(2):123-134.

Maier, D.E., **S.A. Freeman**, and W.E. Field. 1998. *Don't Go With the Flow: Commercial Grain Storage Rescue Instructor's Guide*. Purdue University (West Lafayette, IN) and National Grain and Feed Foundation (Washington, D.C.).

Freeman, S.A., S.D. Whitman, R.L. Tormoehlen, and K.M. Embleton. 1997. Internet childhood safety and health resource guide. *Journal of Extension* 35(2): www.joe.org.

Freeman, S.A., K.W. Kelley, D.E. Maier, and W.E. Field. 1997. Entrapments in bulk agricultural materials at North American commercial grain facilities. *bulk solids handling* 17(3):405-406.