

VITAE

S. SUZANNE NIELSEN

A. GENERAL INFORMATION

1. Academic Record

<u>Degree Received</u>	<u>Institution</u>	<u>Date</u>	<u>Major</u>	<u>Minor</u>
B.S.	Univ. of Nebraska-Lincoln	May 1976	Food Sci.	Dietetics
M.S.	Univ. of Minnesota	Dec. 1979	Food Sci.	Biochemistry
Ph.D.	Univ. of Minnesota	Dec. 1982	Food Sci.	Nutrition

Professional Experience

Faculty Fellow, Office of Corporate & Global Partnerships, Purdue Univ.	1/2014 - present
Head, Dept. Food Science, Purdue Univ.	6/2003 – 6/2013
Professor, Dept. Food Science, Purdue Univ.	7/1993 - present
Associate Professor, Dept. Food Science, Purdue Univ.	7/1988 – 6/1993
Assistant Professor, Dept. Food Science, Purdue Univ.	7/1983 - 6/1988
Post Doctoral Res. Assoc., Dept. Biochemistry, Purdue Univ.	9/1982 - 6/1983

2. Awards and Honors

- Outstanding Teaching Award, Department of Food Science - 1986, 1987, 1988, 1989, 1990, 1994, 1998, 1999, 2000, 2010, 2013
- Archer Daniels Midland Award for Best Protein and Co-Products Paper, Engineering and Technology Area, J. Amer. Oil Chem. Soc. - 1987
- CERES, Agricultural Honorary Fraternity - Honorary Member, 1989
- Agricultural Research Award, School of Agriculture, Purdue Univ., 1997
- Gamma Sigma Delta Award of Merit for Research, Purdue University, 1998
- Institute of Food Technologists, Fellow, 2000
- Outstanding Alumni Award, Univ. of Minnesota, 2001
- William V. Cruess Award, Institute of Food Technologists, 2002
- Outstanding Graduate Educator Award, School of Agriculture, Purdue Univ., 2003
- Honorary Member, Iron Key Campus Leaders Honorary Society, 2004-2005
- Outstanding Alumni, Master Week, University of Nebraska – Lincoln, 2005
- Helen B. Schleman Gold Medallion Award, Purdue Univ., 2009
- Richard L. Kohls Award for Undergrad. Teaching, College of Ag, Purdue Univ., 2014
- Charles B. Murphy Award for Teaching, Purdue Univ., 2014
- Outstanding Undergraduate Counselor Award, Department of Food Science, 2016
- Carl Fellers Award, Institute of Food Technologists, 2017 (for exemplary leadership, service, and communication skills)
- USDA National Excellence in College and University Teaching Award for Food and Agricultural Sciences, 2017
- 150th Anniversary Professor, Purdue University, 2018

3. Memberships in Academic, Professional and Scholarly Societies

- Institute of Food Technologists (IFT)
- Phi Tau Sigma
- Phi Kappa Phi
- Gamma Sigma Delta

- Alpha Zeta
- Council for Agricultural Science and Technology (CAST)

4. Leadership Experience

Department

- Chair, Food Science Graduate Committee, 1986-2003
- Head, Dept. of Food Science, 2003-2013

University

- Organizer of meetings for Women faculty in School of Agriculture (at Dean's request), 1997-2002
- Chair, University Research Competitiveness Committee on Human Capital, 1999-2000
- Chair, School of Agriculture Graduate Education Roadmapping Committee, 2001
- Chair, Search Committee, Biochem. Dept. Head, 2008
- Co-Chair, International Agriculture Subcommittee, Strategic Planning, College of Agriculture, 2008-09
- Chair, Search Committee, Animal Science Dept. Head, 2009
- Faculty Fellow, Office of Corporate & Global Partnerships, 2014-present
- Chair, International Team, Strategic Planning, College of Agriculture, 2014-15

State

- Chair-Elect, Indiana Section IFT, 1985-1986
- Chair, Indiana Section IFT, 1986-1987
- Secretary, Hoosier Chapter Phi Tau Sigma, 1984-1985
- Treasurer, Hoosier Chapter Phi Tau Sigma, 1987-1988

National

- Chair, IFT Research Committee, 1997-1998
- Testified on behalf of IFT at U.S. Senate hearing, Committee on Agriculture, Nutrition and Forestry, Washington, DC, March 1997
- Chair, Technical Committee, Bean/Cowpea Collaborative Research Support Program (CRSP), 1995-1997
- Chair, Review Committee for Dept. of Food Science at North Carolina State University, 1999
- Chair, IFT National Health Museum Liaison Committee, 2000-2002
- Chair, IFT Task Force on Advancing the Profession, 2002
- Chair, Food Chemicals Codex Committee, National Academy of Sciences, 2001-2005
- Chair-Elect, U.S. Food Science Administrators, 2006
- Chair, U.S. Food Science Administrators, 2007
- Chair, IFT Nominations & Elections Committee, 2011-2012
- President, Phi Tau Sigma, 2012-2013

5. International Projects

- Collaborator with International Institute for Agriculture (IITA) (Ibadan, Nigeria) on composition of cowpea breeding lines, 1986-1989
- PI on USAID Bean Cowpea Collaborative Research Support Program (CRSP) project, working in with Michigan State Univ. and Univ. Costa Rica, 1992-2007
- Co-Director of the International Food Technology Center (IFTC), Dept. Food Science, 2010-present
- Deputy Director, USAID Food Processing Innovation Lab at Purdue (focused on reducing post-harvest losses), 2014-present

- Participated in USAID Farmer to Farmer Program, on project with Univ. Nairobi, in Kenya, Dec. 7-14, 2015
- Faculty Fellow, Special Initiatives, in Purdue's Office of Corporate and Global Partnerships, 2014-present
 - Responsible for Purdue's strategic partnership with Catholic Relief Services
 - Organizer and facilitator of Purdue Postharvest Initiative
 - Lead organizer and chair of Scale Up Conference

B. RESEARCH

1. Refereed Papers (listed since 2010; 92 papers prior to 2010)

- Ismail, B., and S. S. Nielsen. 2010. Plasmin protease in milk: Current knowledge and relevance to dairy industry. *J. Dairy Sci.* 93:4999-5009.
- Leege, D. M., and S. S. Nielsen. 2017. Purdue University and Catholic Relief Services: A case study of university – non-governmental organization institutional partnership. *J. Poverty Alleviation and International Development* 8(2):81-106.

2. Books (since 2010; 6 prior to 2000)

- Nielsen, S.S. (Editor). 2010. *Food Analysis, 4th Ed.*, Springer, New York.
- Nielsen, S.S. (Editor). 2010. *Laboratory Manual for Food Analysis, 2nd Ed.* Springer, New York.
- Nielsen, S.S. (Editor). 2017. *Food Analysis, 5th Ed.*, Springer, New York.
- Nielsen, S.S. (Editor). 2017. *Laboratory Manual for Food Analysis, 3rd Ed.* Springer, New York.

3. Graduate Students Completed

24 M.S.; 12 Ph.D.

4. National Involvement (since 2000)

- IFT:
 - Executive Committee, 1998-2001
 - National Health Museum Liaison Committee, 2000-2002
 - Task Force on Advancing the Profession, 2002-2003
 - Task Force on Fellows Participation & Activities, 2005-2006
 - Press Editorial Advisory Board, 2005-2007
 - Current and Emerging Science Issues Expert Advisory Panel, 2009
 - Nomination and Elections Committee, 2009-2013
- NASA:
 - Advanced Life Support Program, Science and Technology Working Group, 1999-2002
 - Commercial Space Center, Iowa State Univ., Advisory Board, 2000-2005
- Food Chemicals Codex Committee, Institute of Medicine, National Academy of Sciences; Member, 1996-2005
- U.S. Pharmacopeia, Food Ingredient Expert Committee, 2007-2009
- Editorial Boards:
 - Food Science Texts – Springer (in 2008-2009 for Springer; in 2001-2007 for Kluwer Academic Publishers; in 2000-2001 for Aspen Publishers)
 - Annual Review of Food Science and Technology, Annual Reviews, 2007-present
 - Food Analytical Methods, 2013-present
- Food Science Department Programs Review Panels:
 - Univ. of Nebraska, Lincoln, NE, 2001; 2007
 - Texas A&M University, College Station, TX, 2010
 - Cal Poly State Univ., San Luis Obispo, CA, 2010
 - Cornell Univ., 2015

- Review Panel Member:
 - Curriculum Panel Member, Zamorano University, Tegucigalpa, Honduras, 2008
 - USDA/ARS NP301, Vegetable Beans, May 2013
 - USDA/AFRI Food Quality, Aug. 2013
- Food Forum, Institute of Medicine of the National Academies, 2014 – present

C. TEACHING: SUMMARY OF COURSES TAUGHT

<u>Course</u>	<u>Title</u>	<u>Cr.</u>	<u>Years</u>
FS 467	Food Analysis	4	1984-2017
FS 610	Food Proteins	3	1985-2003 (alt. years)
FS 651/551	Food Analysis	1	1993-2017
FS 161	Science of Food	3	1999-2002
FS 591I	Food Ingred. Tech.	1	1998, 2000
AG 118	FS Freshman Seminar	1	2003-2017
FS 298	FS Soph. Seminar	1	2003-2017
FS 482	FS Senior Seminar	1	2003-2017