CURRICULUM VITAE

ANNE MARIE SMITH

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College of Human Ecology
Department of Human Nutrition
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ACADEMIC TRAINING:

Ph.D.	Nutritional Sciences University of Illinois	1986 (Urbana)
R.D.	University of Utah Qualifying Experience, #7l9759	1988 (Salt Lake City)
M.S.	Food Science and Nutrition University of Massachusetts	1979 (Amherst)
B.S.	Home Economics University of Delaware	1977 (Newark)

PROFESSIONAL EXPERIENCE:

The Ohio State University

7-99 to present	Director, Didactic Program in Dietetics Department of Human Nutrition & Food Management
7-95 to present	Associate Professor Department of Human Nutrition & Food Management
9-89 to 6-95	Assistant Professor Department of Human Nutrition & Food Management

University of Utah

9-86 to 9-89	Assistant Professor, Division of Foods and Nutrition

University of Illinois

5-86 to 8-86	Post-doctoral Research Associate, Dept of Foods and Nutrition
8-85 to 5-86	Teaching Assistant, Department of Foods and Nutrition
8-80 to 8-85	Competitive Research Assistant & Hunter Fellow Division of Nutritional Sciences
9-79 to 8-80	Research Technician Departments of Foods and Nutrition and Animal Science

University of Massachusetts:

12-77 to 6-79	Graduate Research Assistant, Dept of Food Science & Nutrition

HONORS AND AWARDS:

Awards: Department of Human Nutrition, Faculty of the Year (2006)

Emerging Dietetic Leader Award (Ohio, 1998)
The American Dietetic Association

Research Award (1996)
Ohio Agricultural Research & Development Center

Outstanding Teacher Award (1995), College of Human Ecology

Sigma Xi Student Paper Award (1983), University of Illinois

Honor Societies: Omicron Nu, Faculty Adviser, Alpha Delta Chapter, 1988-89
Sigma Xi

Fellowships: Hunter Fellowship, University of Illinois (1982-83)

TEACHING:

1. Courses Taught:

The Ohio State University:

HUMN NTR 210	Science of Human Nutrition
HUMN NTR 3l0	Fundamentals of Human Nutrition
HUMN NTR 295	Nutrition and Dietetic Careers
HUMN NTR 415	Issues and Controversies in Nutrition
HUMN NTR 595	Professional Development
HUMN NTR 596	Advanced Professional Development
HUMN NTR 612.02	Nutritional Therapy II
HUMN NTR 763	Vitamin and Mineral Metabolism
HUMN NTR 830.02	Minerals
HUMN NTR 830.04	Vitamins
HUMN NTR 889	Methods in Nutrition Research
HUMN NTR 895	Graduate Seminar

University of Utah:

FDNU l0l	Nutritional Challenges of Today
FDNU 554	Advanced Nutrition Laboratory
FDNU 585	Selected Topics/Graduate Seminar
FDNU 646	Vitamins and Minerals
FDNU 654	Methods in Nutrition Research
FDNU 522	Maternal and Infant Nutrition
FDNU 691	Nutrition Communications

University of Illinois

FN l20	Contemporary Nutrition

2. Guest Lectures:

"Nutrition Information: Scientific Literature & Position Papers", **HUMN NTR 415,** Spring 2007.

"Food Biotechnology"**, HUMN NTR 802,** Spring 2004.

"Dietetic Careers", **HUMN NTR 295**, Winter 2004.

"Selenium and Cancer: Is there a hormonal link?", **HUMN NTR 895,** Autumn 2003.

"Food Biotechnology", **HUMN NTR 415**, Spring 2003, Spring 2005.

"Vegetarianism", **ANIM SCI 597,** Autumn 2000, Autumn 2001.

"Medical Nutrition Therapy for Renal Disease", **MED DIET 521**, Spring 2001.

"Increasing Teaching Effectiveness by Using Interactive Communication with a SMILE", **Celebration of Teaching**, Ohio State, October 1996.

"Trends and Issues in Food and Nutrition", **H EC EDU 740**, Summer, 1994, Spring 1996.

"Sex and Selenium: The effect of gender and reproduction on selenium status", **HUMN NTR 895**, Autumn l995.

"Journal articles from the editor's perspective", **H EC EDU 843.02**, Spring, 1994, 1995.

"Effective Oral Presentations", **HUMN NTR 895** Autumn 1994, Autumn l993, Autumn 1992, Winter 1992, Autumn 1990.

"Maternal and Infant Selenium Nutrition", **HUMN NTR 895**, Autumn l99l, Winter, 1995.

"Nutritional Causes of Developmental Disabilities", **HUMN NTR 708**, Nisonger Center, OSU, July 1990.

"Selenium in Human Nutrition, **FN 323**, Summer l982.

3. **Graduate Student Committees**:

Chia-Hong Hsieh, "Effect of omega-3 fatty acids on laying hens, eggs and human subjects" - Master's Thesis (completed 6-88).

Cynthia M. Overturf, "Relationship of diet and genitourinary tract infections in pregnant adolescents" - Master's Thesis, **Chairperson** (completed 6-88).

Jasminka Ilic, "Intestinal absorption of minerals and their interaction in the catheterized rat" - Master's Thesis, **Chairperson** (completed l2-90).

Carolyn Johnson, "Selenium nutrition of term infants fed human milk or selenium supplemented soy formula" - Master's Thesis, **Chairperson** (completed 8-9l).

Cheon-Min Cha, "Influence of the estrous cycle on selenium status in chronically catheterized rat" - Master's Thesis, **Chairperson** (completed l2-90).

Susan Larson, "Comparison of infrared interactance to skinfold measurements and hydrostatic weighing for body composition analysis in adults" - Master's Thesis, **Chairperson** (completed l0-90).

Ching-Shiang Ho, "Comparison between nutrient consumption of school lunch participants and that of non-participants using visual plate waste assessment" - Master's Thesis (completed l0-90).

Marie Chang, "Selenium nutrition of infants with bronchopulmonary dysplasia" - Master's Thesis, **Chairperson** (completed 3-9l).

Paula K. Peters, "Calcium intake and bone mass in women with preeclampsia" - Dissertation (completed l2-90).

Suzanne Monnin, "Nutritional concerns of women with breast cancer" - Master's Thesis, Medical Dietetics (completed 3-9l).

Karen L. Leidel, "Self-instructional learning system on labor relations in health care" - Master's Plan B (completed 6-92).

Li Wen Chen, "Selenium status of term infants fed selenate-supplemented soy formula" - Master's Thesis, **Chairperson**, (completed 8-92).

Stacy Thrush, "Feeding selenium supplemented formula increases selenium status of infants with bronchopulmonary dysplasia" - Master's Thesis, **Chairperson**, (completed 6-94)

Adam Tobias, "The relationship of tendencies towards, anorexia nervosa, sports participation, age, race, and gender in high school students" Master's thesis, Home Economics Education, (completed 3-95).

Hui Tan Teng, "Selenium status of SHHF/Mcc-fa-cp rats is related to age, gender, and the development of congestive heart failure." Master's Thesis, **Chairperson**, (completed 3-95)

Cheryl Waller, "Awareness and use of the National Renal Diet by renal dietitions" Master's Thesis, Medical Dietetics, (completed 6-95).

David Holben, "Selenium balance and status in the female during physical and sexual maturation ", Dissertation, **Chairperson**, (completed 6-96).

Kelly Pollander, "The effects of dietary counseling on food intake and body weight in cancer patients receiving radiation therapy: A prospective randomized study" Master's Thesis, Medical Dietetics, (completed 8-96).

Karla Temple, "Selenate supplementation increases plasma selenium in hemodialyzed patients" Master's Thesis, **Chairperson**, (completed 8-97).

Ellen Merkle, "The relationship between meal plans and nutritional intake of college students", Master's thesis, Medical Dietetics, (completed 6-98).

Elizabeth C Miller, "Preoperative nutrition assessment predicts postoperative outcome in head and neck cancer patients", Master's Thesis, **Chairperson**, (completed 6-98).

Eun-Jeoung Ha, "The effect of the female life cycle on measurements of selenium status", Dissertation, **Chairperson**, (completed 3-99).

Stacey L Campbell, "Quantity of high phosphorus foods in the hemodialysis patient's home does not correlate with dietary phosphorus intake or with serum phosphate level", Master's Thesis, **Chairperson**, (completed 3-99).

Stacy Lloyd Mobley, "Calcium kinetics and bone turnover in girls during puberty", Dissertation, OSUN, (completed 8-99).

Jacqueline Yee, "Nutritional analysis of supplemental food intake in low birthweight infants", Master's Thesis, **Chairperson**. (completed 6-00)

Bryan Wolf, "Discovery of a carbohydrate system that does not exacerbate postprandial glycemia", Dissertation, Animal Science. (completed 6-01)

Charlotte Moxley, "The effect of dietary intake on human breast milk and serum carotenoid levels", Dissertation, Food Science and Technology. (completed 6-00)

Mario G. Ferruzzi, "Bionutritional aspects of chlorophyll", Dissertation, Food Science and Technology. (completed 6-01).

Tracy R. Smith, "The effectiveness of video training on accuracy of food portion size estimation", Dissertation, **Chairperson**. (completed 8-02).

Hollie Breedlove, "The association betweenestrogen availability and serum selenium in breast cancer patients", Master's Thesis, **Chairperson**. (completed 6-03).

Lauren Wegerbauer, Master's Thesis, "Astaxanthin: In vitro assessment of digestive stability, accessibility and apical uptake by Caco-2 human intestinal cells." (completed 6-04).

Craig Hadley, Dissertation, "Tomato and soy phytochemical: in vivo biodistribution, bioavailability, antioxidant/oxidative environment regulation, and prostate biomarker modulation." (completed 6-04).

Abigail M. Hertzfeld, Master's Thesis, "Student perceptions of traditional and non-traditional university operated foodservice establishments." (completed 6-04).

Anne Mentro, Dissertation, " Role of antioxidants, inflammation, and nutritional intake in the development of bronchopulmonary dysplasia in very low birth weight infants. (completed 8-04)

Rachna Singh, Master's Thesis, "Management of gestational diabetes by lifestyle modification and dairy intervention. (completed 8-04)

Michelle Blackwood, Master's Thesis, (completed 8-05).

Elizabeth Miller, Dissertation, (completed 8-05).

Tiffany Reinemann, Master's Thesis, "Use of strawberries in prostate cancer prevention" (completed 3-06)

Maureen Geraghty, Dissertation, "The effect of fructooligosaccharides on the absorption of isoflavones from soy protein in postmenopausal women". **Chairperson** (completed 6-06)

Xiaodong Zhou, Dissertation, "The effect of estrogen availability on selenium distribution into tissues". **Chairperson** (completed 6-07)

Timberly Williams, Dissertation, "Anaerobic bacteria present in colonic flora of term infants fed human milk or infant formula and the impact of maternal fecal flora".

Jodi Griffith, Master's Thesis, "Selenium status and indicators of stress and infection in pediatric burn patients". **Chairperson**. (completed, 6-07).

Yeonsoo Kim, Dissertation, "Studies on the Glycemic index of raisins and on the intestinal absorption of fructose". **Chairperson** (completed, 6-07).

4.

Graduate Students Supervised	**Degree Conferred**
Cynthia M. Overturf	M.S., l988
Jasminka Ilic	M.S., l990
Carolyn Johnson	M.S., l991
Cheong-Min Cha	M.S., l990
Susan Larson	M.S., l990
Marie Chang	M.S., l991
Li Wen Chen	M.S., l992
Stacy Thrush	M.S., 1994
Hui Tan Teng	M.S., 1995
David Holben	Ph.D.,1996
Karla Temple	M.S., 1997
Elizabeth Miller	M.S., 1998

Stacey Campbell	M.S., 1999
Eun Jeong Ha	Ph.D., 1999
Jacqueline Yee	M.S., 2000
Tracy Smith	Ph.D., 2002
Hollie Breedlove	M.S., 2003
Maureen Geraghty	Ph.D., 2006
Xiaodong Zhou	Ph.D., 2007
Jodi Griffith	M.S., 2007
Yeonsoo Kim	Ph.D., 2007

5. <u>Undergraduate Student Research Supervised</u>:

Elisa Lee, "The effect of phenylketonuria on selenium status in children, adolescents, and adults", Honors Project, Adviser, (completed 6-90).

Judie Guzman, "The effect of maternal dietary selenium intakes on the selenium concentration of the fetal rat", Honors Project, Adviser, (completed 6-9l).

Rebecca Koh, "Selenium nutrition during pregnancy and infancy" - Summer Research Opportunity Program Project, Sponsor, (completed 8-9l).

Theresa Keske, "Determining the relationship between heart selenium sttus and the development of congestive heart failure in the lean SHHF/Mcc-cp rat", Honors Project, Adviser, (completed, 6-96).

JoAnna Porter, "Cardiac selenium status and congestive heart faillure ", Honors Project, Adviser, (completed, 6-96).

Julie Kennel, "Nutritional status and athletic performance of cyclists", Honors Project, Adviser. (completed, 3-00).

Jodi Griffith, "The Effect of Soy and Fructooligosaccharides on the Selenium Status of Postmenopausal Women", Honors Project, Adviser, (completed, 8-05).

RESEARCH:

1. <u>Intramural Grant Awards</u>

Ohio Agricultural Research and Development Center, Research Enhancement Competitive Grants Program, "Effect of estrogen on selenium distribution", $99,000, 4/02-6/04.

Comprehensive Cancer Center, Cancer Prevention and Control Program, (OSU), "Anti-estrogen / anti-androgen therapy and biomarkers of selenium status", $4,500, 12/98.

College of Human Ecology Diversity Committee Research Grant, (OSU), "Does selenium fluctuate with estrogen status during the life cycle", $1,000. 12-93

College of Human Ecology Interdisciplinary Research Grant, (OSU), "Generational Differences in Serum and Platelet Fatty Acid Profiles and Platelet Aggregation", $l4,375, 11-92.

University Seed Grant, (OSU), "Influence of Pregnancy on Dietary Selenium Requirements and Metabolism", $13,000, 3-90.

University Research Committee Faculty Starter Grant, (Utah), "Influence of Hormonal Status on Selenium Metabolism in the Chronically Catheterized Pregnant Rat", $1,000, 5-89.

Undergraduate Laboratory Equipment Grant, (Utah), for purchase of ultra-low temperature freezer, $2,35l, l0-88.

Biomedical Research Support Grant Committee, (Utah), "Selenium Requirements of the Pre-Term

Infant", $4,900, 6-87.

Graduate College Thesis Grant, Univ. of Illinois	$l25
Graduate College Dissertation Grant, Univ. of Illinois	$400
Undergraduate Research Grant, Univ. of Delaware	$l50

2. Extramural Grant Awards

Diversity Promotion Grant, “The Enrichment of Academic Skills for Minority Students in Dietetics”, The American Dietetic Association, “5,000, 7-05 to 12-06.

Ross Products Division - “Nutritional analysis of supplemental food intake in low birth weight infants” - $32,840, 1-99 to 4/00.

Ross Products Division - "Safety and tolerance of medical nutritional products for hemodialyzed renal patients" - $20,120, 11-95 to 12-97.

Ross Laboratories - "Effect of Protein Content and Selenium Fortification on the Growth and Immune Response of Term Infants Fed Isomil RTF" - $l5,07l, 3-9l to 3-93.

Ross Laboratories - "Effect of an Experimental Formula on Growth, Tolerance, Nutritional and Metabolic Status of Infants with Bronchopulmonary Dysplasia" - $l0,000, 3-9l to 3-92.

Dietitians in Pediatric Practice - "Selenium Status of Infants with Bronchopulmonary Dysplasia" - $l,000, 8-88 to 8-89.

Ross Laboratories - "Growth and Bone Mineral Content in Term Infants Receiving Selenium Fortified Isomil RTF, Isomil SF and Human Milk" - $48,000 - ll-87 to l0-89.

Ross Laboratories - "Selenium Status of Low-Birth-Weight Infants Fed Human Milk, Similac Special Care 24 or Similac Special Care 24 Supplemented with Selenium" - $59,800 - l-87 to l2-88.

Sigma Xi Grant-in-Aid - "Effects of Dietary Selenium" - $400 - l983.

3. Publications

A. Refereed Journal Articles

1. Buck EM, **Hickey AM**, Rosenau J. Low-temperature air oven vs. water bath for the preparation of rare roast beef. J Food Sci l979; 44:l602-5, ll.

2. **Smith AM**, Evans DA, Buck EM. Growth and survival of Clostridium perfringen in rare beef prepared in a water bath. J Food Protection l98l; 44:9-l4.

3. **Smith AM**, Picciano MF, Milner JA. Selenium intakes and status of human milk and formula fed infants. Am J Clin Nutr l982; 35:52l-6.

4. **Smith AM**, Picciano MF, Deering R. Folate supplementation during lactation: Maternal folate status, human milk folate content and their relationship to infant folate status. J Pediatr Gastr Nutr l983; 2:622-8.

5. Kochanowski BA, **Smith AM**, Picciano MF, Sherman AR. Folate depletion secondary to iron deficiency in the neonatal rat. J Nutr l983; ll3:247l-8.

6. Selhub J, Arnold R, **Smith AM**, Picciano MF. Milk folate binding protein (FBP): A secretory protein for folate? Nutr Res l984; 4:l8l-7.

7. **Smith AM**, Picciano MF, Deering RH. Folate intake and blood concentrations of term infants. Am J Clin Nutr l985; 4l:590-8.

8. Brown CM, **Smith AM**, Picciano MF. The form of human milk folacin and variation patterns. J Pediatr Gastr Nutr l986; 5:278-82.

9. **Smith AM**, Picciano MF. Evidence for increased selenium requirement for the rat during pregnancy and lactation. J Nutr l986; ll6:l068-79.

10. **Smith AM**, Picciano MF. Relative bioavailability of selenocompounds in the lactating rat. J Nutr l987; ll7:725-3l.

11. **Smith AM**, Picciano MF, Milner JA, Hatch TF. Influence of feeding regimens on selenium concentrations and glutathione peroxidase activities in plasma and erythrocytes of infants. J Trace Elements Exp Med l988; l:209-l6.

12. Ellis L, Picciano MF, **Smith AM**, Hamosh M, Mehta NR. The impact of gestational length on human milk selenium concentration and glutathione peroxidase activity. Pediatric Res l990; 27:32-5.

13. **Smith AM**, Chan GM, Moyer-Mileur LM, Johnson CE, Gardner BR. Selenium status of preterm infants fed human milk, preterm formula, or selenium-supplemented preterm formula. J Pediatr l99l; ll9:429-33.

14. Overturf CO, **Smith AM**, Engelbert-Fenton KA, Elster AB, Geiger CJ. Potential role of energy and nutrient intakes in decreasing the incidence of genitourinary tract infections in pregnant adolescents. J Amer Diet Assoc l992; 92:l5l3-5.

15. Monnin S, Schiller MR, Sachs L, **Smith AM**. Nutritional concerns of women with breast cancer. J Cancer Educ l993; 8:63-9.

16. Johnson CE, **Smith AM**, Chan GM, Moyer-Mileur LJ. Selenium status of term infants fed human milk or selenium-supplemented soy formula. J Pediatr l993; l22:739-4l.

17. **Smith AM**, McMurry MP, Chan GM, Leonard CO. Phenylketonuria affects the selenium status of children, adolescents and young adults. J Trace Elements Exper Med 1994: 7:39-45.

18. Ilich JZ, Kimura RE, **Smith AM**. Duodenal magnesium infusions decrease intestinal calcium absorption in the chronically catheterized rat. J Opt Nutr l994; 3: 72-9.
19. **Smith AM**, Chen L-W, Thomas MR. Selenate fortification improves selenium status of term infants fed soy formula. Am J Clin Nutr 1995;61:44-7.

20. **Smith AM**, Cha C, Kimura RE. Plasma selenium and glutathione peroxidase activity fluctuate during the rat estrous cycle. Nutr Research 1995; 15: 267-77.

21. Medeiros LC, Liu YW, Park S. Chang PH, **Smith AM**. Insulin, but not estrogen, appears to influence delta-5-desaturase function in obese women. Hormones Metab Research 1995; 27:235-8.

22. Holben DH, **Smith AM**, Wilmott RW. Aminoglycosides have a negative effect on magnesium status in cystic fibrosis - a retrospective study. J Amer Dietet Assoc. 1995;95:1152-4.

23. **Smith AM**, Temple K. Selenium metabolism and renal disease. J Renal Nutr 1997; 7:69-72.

24. Holben DH, **Smith AM**. The diverse role of selenium within selenoproteins: A review. J Amer

Dietet Assoc. 1999; 99:836-843.

25. Temple KA, **Smith AM**, Cockram DB. Selenate-supplemented nutritional formula increases selenium in hemodialysis patients. J Renal Nutr 2000; 10:16-23.

26. **Smith AM**, Chang MP-H, Medeiros LC. Generational differences in selenium status of women. Biol Tr Ele Res 2000; 75:157-165.

27. Holben DH, **Smith AM,** Ernst JZ, Landoll JD, Holcomb JP, Matkovic V. Selenium intakes, status, and balance in adolescent females. J Amer Dietet Asso 2002;102:1082-1087.

28. Allen CM, **Smith AM**, Clinton SK, Schwartz SJ**.** Tomato consumption increases lycopene isomer concentrations in breast milk and plasma of lactating women. J Am Dietet Assoc 2002; 102:1257-1262.

29. Ha EJ, **Smith AM**. Plasma selenium and plasma and erythrocyte glutathione peroxidase activity increase with estrogen during the menstrual cycle. J Amer Coll Nutr 2003;22:43-51.

30. Mentro AM, **Smith AM**, Moyer-Mileur LM. Plasma and erythrocyte selenium and glutathione peroxidase activity in preterm infants at risk for bronchopulmonary Dysplasia. Biol Tr Ele Res 2005; 106:97-106.

31. Breedlove HA, **Smith AM**, Burk RF, Hill KE, Shapiro CL. Serum selenium measurements in women with early-stage breast cancer with and without chemotherapy-induced ovarian failure. Breast Cancer Research Treatment 2006; 97:225–230.

B. Books

Wardlaw GM, **Smith AM.** Contemporary Nutrition. 6th Edition. McGraw-Hill. 2005.

C. <u>Book Chapters</u>

1. **Smith AM**, Picciano MF. Maternal selenium intake, milk content, and neonatal selenium status in the rat. In: Combs GF, et al, eds. Selenium in biology and medicine. New York: AVI, l987.

2. **Smith AM**, Picciano MF. Selenium nutrition during lactation and early infancy. In: Goldman AS, et al. ed. Human lactation 3. Plenum Publishing Corporation l987.

3. Casey CE, **Smith AM**, Zhang P. Microminerals in bovine and human milks. In: Jensen RG, ed. Handbook of Milk Composition, Orlando: Academic Press 1995.

D. <u>Recent Abstracts/Conference Proceedings</u>

Smith AM, McCune SA, Medeiros L, Keske T, Williams J. Cardiac selenium status and development of congestive heart failure in the SHHF/Mcc-*fa*^{cp} rat. FASEB J 1998;12:A524.

Ha EJ, **Smith AM**. Plasma selenium and glutathione peroxidase activity increase during the pre-ovulatory phase of the menstrual cycle. FASEB J 1999;13:A249.

Ha EJ, **Smith AM**. Selenium status of females during early puberty. J Amer Dietet Assoc 1999; 99:A-95.

Moxley CL, **Smith AM**, Clinton SK, Schwartz SJ. Blood and milk lycopene isomer concentrations increase in lactating women consuming daily servings of processed or fresh tomato products. FASEB J 2000;14:A234.

Smith AM, Ha EJ, Medeiros LC. Selenium-dependent glutathione peroxidase activity is increased in healthy post-menopausal women. FASEB J 2000;14:A513.

Smith AM, Bostwick DG, Clinton SK, Mahan DC. Selenium concentrations in human prostate tissue. FASEB J 2000;14:A514.

Yee J, **Smith AM,** O'Connor DL, Auestad N, Adamkin D, Connor WE, Connor SL, Groh-Wargo S, Hall R, Lucas A, Mena P, Nesin M, Singer L, Szabo J. Introduction of complementary foods in preterm infants varies among countries. J Amer Dietet Assoc 2001;101:A76.

Smith TR, **Smith AM**. Effectiveness of an instructional videotape on ability to estimate food portion sizes. J Amer Dietet Assoc 2001;101:A98.

Smith TR, **Smith AM**, Buell JL. Gender and method affect food portion estimation 24 hours after training. J Amer Dietet Assoc 2002;102:A-15.

Breedlove H, **Smith AM**, Shapiro CL, Burk RF, Hill KE Effect of chemotherapy-induced ovarian failure on selenium status in breast cancer patients. FASEB J 2004;

Geraghty ME, **Smith AM**, Walsh KR, Monk p, Hertzler S, Failla ML. Fructooligosaccharides (FOS) may increase uriniary daidzen in postmenopausal women consuming soy. FASEB J 2005; 19:A449.

Dylewski ML, Griffith J, Smith AM, Lydon M, Prelack K, Sheridan RL. Selenium status of pediatric patients with burns. J Burn Care Research 2007;28:S160.

E. Thesis/dissertation

Hickey AM. Growth and survival of Clostridium perfringens in water bath-cooked beef. Master's Thesis l979.

Smith AM. Dietary effects of selenium during reproduction in the rat. PhD Dissertation l986.

4. Invited Presentations:

"Selenium Requirements During Lactation", Medical Sciences Program Seminar Series, Indiana University, Bloomington, IN, October, l985.

"Selenium Nutrition During Lactation and Early Infancy"

-Intl. Conf. on Effects of Human Milk on Recipient Infant, Konstanz, West Germany, September, l986
-Seventh Annual Nutrition in Contemporary Medicine Symposium, Park City, UT, March, l987
-Cornell University, Ithaca, NY, February, l988
-University of Rhode Island, Kingston, RI, February, l988
-University of Massachusetts, Amherst, MA, March, l988
-Rutgers University, New Brunswick, NJ, April, l988

"Selenium Nutrition of Term and Preterm Infants", Neonatology Conference, University of Utah Medical Center, l987.

"Maternal and Infant Nutrition", Medex Nutrition Lecture Series, University of Utah Medical Center, April, l988, and March, l989.

"Selenium Nutrition of the Preterm Infant", Ninth Annual Nutrition in Contemporary Medicine Symposium, Park City, UT, March, l989.

"Selenium Nutrition in Infancy", Medical Dietetics Seminar, Ohio State University, April, l990.

"Selenium Metabolism in Pediatric Nutrition", Research Meeting, Children's Hospital, Columbus, OH, June, l990.

"Selenium and Dietetic Practice"
- American Dietetic Association Annual Meeting, Denver, CO, October, l990.
- Department of Nutrition and Dietetics, The Ohio State University Hospital, February, l99l.
- Mohican Area Dietetic Association, September, l99l.

"Selenium: The Fine Line Between Adequacy and Toxicity", Columbus Dietetic Association, February, l992.

"State Science Day-Human Nutrition Award" 22nd Biennial Nutrition Conference, Ohio Nutrition Council, March 1994.

"Current Status of Antioxidant Vitamins and Minerals and Disease States", Ohio Valley Institute of Food Technologists, September, 1994.

"Vitamin Therapy", Ohio Hospital Insurance Co., December 1994.

"Antioxident Vitamins and Minerals and Disease States", 62nd Annual Dairy and Food Industry Conference, Columbus, OH, February, 1995.

"Selenium status and the development of congestive heart failure: Effect of gender and age" Interdepartmental Nutrition Seminar, OSU, April 1995.

"Antioxident Vitamins and Minerals and Disease States", The Ohio State University Extension Inservice, Columbus, OH, November, 1995.

“Research and Antioxidants”, Nutrition Entrepreneurs of Columbus, January 1996.

“Selenium Metabolism in Renal Disease”, National Kidney Foundation 46th Annual Meeting, New Orleans, LA, November 1996.

“Nutrition and pregnancy: Needs and requirements”, The Ohio State University Extension Inservice, Columbus, OH, November 1998.

“Nutrition Trends: Past, Present and Future”, International Society of Event Specialists, Columbus Chapter, Columbus, OH, February 2000.

“Trace elements in nutrition support”, Dietetian’s in Nutrition Support Practice Group, Columbus, OH, June 2001.

“Food Biotechnology: Harvest on the Horizon”,
- -Michigan Dietetic Association, Lavonia, MI, May 2002.
- -Columbus Dietetic Association, Columbus, OH , January 2003.
- -Ohio Dietetic Association, Columbus, OH , May 2004.
- -Mortar Board Alumni, Columbus, OH, March 2005.
- -45th Annual Pankey Dental Seminar, Newark, OH , June 2005.

“Selenium and Soy: Are they appropriate for your clients?”, Nutrition Entrepreneurs Practice Group, Columbus, OH, January 2005.

UNIVERSITY, PROFESSIONAL AND PUBLIC SERVICE:

l. <u>University Committees</u>:

University Senate, Senator, 9-05 to present, Alternate, 7-99 to 8-05
Council on Student Affairs, 9-06 to present
Council on Enrollment and Student Progress, 9-04 to present

Colleges of Arts and Science, Curriculum Subcommittee C, 9-03 to 8-05
Denman Undergraduate Research Forum, Judge, 5-04, 5-05.
General Education Curriculum, Natural Science Panel, 10-93 to 8-03
Research and Graduate Council, Alternate, 9-98 to 8-01
Faculty Club, Strategic Planning Committee, 9-98 to 8-99
Faculty Club, House Management Committee, 9-98 to 8-99
Academic Senate, 6-88 to 9-89, Personnel and Elections Committee, 6-88 to 9-89

2. College Committees:

College Council, 9-06 to present.
Curriculum Committee, 9-06 to present
Academic Studies Committee, 9-89 to 8-93 9-02 to 8-06.
Chairperson 9-92 to 8-93, 9-02 to 8-03, 9-04 to 8-05..
Lena Bailey Leadership Lecture Planning Committee, 5-99 to 6-02
Dean, College of Human Ecology, Search Committee, 6-97 to 5-98
Distance Education Advisory Committee, 9-96 to 6-98
Faculty Affairs Committee, 9-96 to 6-99
Graduate Liaison and Research Advisory Committee, 7-95 to 6-98
Academic Studies Committee, 9-89 to 8-93, Chairperson 9-92 to 8-93
Honors Program Subcommittee, l-90 to 8-93
Undergraduate Leadership Conference, Panel Member, 9-9l
Evening of Excellence Awards Committee, 3-90
Computer Committee, 9-86 to 9-89
Task Force for Excellence in Teaching, 4-87 to 9-89
Retention, Promotion and Tenure Committee, 9-86 to 6-88
Curriculum Committee, 9-87 to 4-88

3. Division/Department Committees:

Undergraduate Studies Committee, Chairperson, 9-89 to 8-93, 9-00 to present
Director, Didactic Program in Dietetics, 7-96 to present
Graduate Studies Committee, l2-89 to present; Chairperson, 7-95 to 6-98
Department Chair, Search Committee, 10-99 to 6-00
Extension Advisory Committee, 9-93 to 8-96
Search Committee, Vice-Miller Position, l99l-92
HUMN NTR 2l0 Development Committee, Spring, l990.

4. Professional Societies:

American Dietetic Association, l987 to present
American Society for Nutritional Sciences, l988 to present
American Society for Clinical Nutrition, l988 to present
Columbus Dietetics Association, l989 to present
Illinois Nutrition Association, l98l to l986
Institute of Food Technologists, l977 to l990
International Society for Research in Human Milk and Lactation, l986 to present
Ohio Dietetics Association, l989 to present
Ohio Nutrition Council, l990 to 2000
Utah Dietetics Association, l987 to l989
Utah Nutrition Council, l986 to l989

5. Offices Held:

Columbus Dietetic Association
-Past-President, 1997-98, President, 1996-97, President-Elect, 1995-96, Treasurer, l99l-93
Food and Nutrition Forum
-Faculty Adviser, l989 to 1998
Graduate Students in Nutritional Sciences
-Faculty Adviser, 1993 to present

Ohio Nutrition Council
- Chairperson, Nutrition Education Committee 1992-96
Utah Nutrition Council
- Board of Directors, l987 to l988, Chairperson-elect, l989 to l990

6. Advisory Boards

Columbus State Community College, Dietetic Programs Advisory Committee, 6-98 to present

7. Ad hoc Reviewer

American Journal of Clinical Nutrition
Experimental and Clinical Endocrinology & Diabetes
Journal of the American Dietetic Association
Journal of Food Science
Journal of Nutritional Biochemistry
NUTRITION: The International Journal of Applied and Basic Nutritional Sciences
Nutrition and Cancer: An International Journal
USDA Competitive Grants: Improving Nutrition for Optimal Health, 1999.
American Society for Nutritional Sciences, Centrum Nutrition Science Award Jury, 1999.

8. Public Service

A. Community Presentations:

- "Eating: Do It Right:, Van Cott Resident Hall, Univ of Utah, 12-86.
- "Nutrition Basics for the Quick-Service Restaurant Manager", McDonald's Corporation, Salt Lake City Managers Meeting, 2-87.
- "Four Food Groups", Puppet Show, Children's Corner Preschool, Salt Lake City, 6-87.
- "Dietary Guidelines for the Arthritic Patient", Arthritis Foundation, Salt Lake City, 5-88.
- "Four Food Groups", William Penn Elementary School, Salt Lake City, 12-88.
- "Fun with Fruits and Vegetables", Indian Run Elementary School, Dublin, OH, 11-89.
- "Vitamins", Nutrition Up-Date for Extension Agents/Associates, The Ohio State University, Columbus, OH, 6-90.
- "Where's the Fat and Sugar?", Worthington Hills Elementary School, Worthington, OH, 3-9l.
- "Dietary Fat and Heart Disease", Worthington Hills Elementary School, Worthington, OH, 4-92.
- "Eating for Good Health" State Teachers Retirement System of Ohio Vital Signs Seminar, 3-95.
- "Digestion", Worthington Hills Elementary School, Worthington, OH, 3-93, 1994; 5-95.
- "Eating on the Run" State Teachers Retirement System of Ohio Vital Signs Seminar, 7-95.
- “Nutrition and Women’s Health”, Starling-Ohio Women’s Club, 10-96.
- “All Foods Can Fit a Healthy Lifestyle”, OSU Faculty Club Lunch & Learn , 1-98.
- "Eating on the Run" Worthington Kilbourne High School, Worthington, OH, 12-98.
- “Trends in Nutrition Research: Soy, Omega-3 Fats, and Lycopene”, OSU Development Focus Weekend, 5-00.

B. Media Presentations:

- KTVX Channel 4, "Vitamin Craze", Mark Watkiss, May l987.
- KUER Radio, "Childhood Obesity", May l988.
- KSL Channel 5, "Cashing in on Cholesterol" -
- Low-Fat Thanksgiving Dinner Segment, November l988.

C. Lay Publications

- Ohio Cooperative Extension Service Home Economics Newsletter, "Selenium in Maternal and Infant Nutrition, A Mini-Review", June l990.
- Ohio State University Extension Nutrition Communiqué, “Research Links Selenium to Disease Prevention”, Winter 1997.

D. **<u>Other Service</u>**

Judge, Human Nutrition Award, State Science Day, Ohio Academy of Sciences, l992-2000.

Instructor - Young Scholars Program, Teacher's "Vital Signs" workshop, College of Biological Sciences, OSU, Summers l992-96

May 2007