

DENNIS ALAN SAVAIANO

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EDUCATION

1980 Ph.D., Nutrition, University of California at Davis
1977 M.S., Nutrition, University of California at Davis
1975 B.A., Biology, Claremont McKenna College, Claremont, CA

PROFESSIONAL EXPERIENCE

12/13- Virginia C. Meredith Professor of Nutrition Policy
7/13-6/14 Sabbatical leave to develop an initiative on nutrition and food policy
7/10-6/13 Associate Provost and Interim Dean of the Honors College
 Professor of Nutrition Science
 Purdue University
7/95-6/10 Dean, College of Consumer and Family Sciences
 Professor of Foods and Nutrition
 Purdue University
7/92 -6/95 Associate Dean, College of Human Ecology
 Assistant Director of the Agricultural Experiment Station
 Professor of Food Science and Nutrition
 University of Minnesota
7/86 - 6/92 Associate Professor of Food Science and Nutrition
 Director of Graduate Studies, Interdepartmental Nutrition Program
 University of Minnesota
8/89 - 7/90 Visiting Associate Professor, Department of Biochemistry
 University of Iowa (sabbatical leave)
8/80 - 6/86 Assistant Professor of Food Science and Nutrition

Chair, Undergraduate Nutrition Program
University of Minnesota

7/79 - 7/80 Proctor and Gamble Research Fellow, Department of Nutrition
University of California, Davis

1/79 - 6/79 Lecturer, Department of Nutrition - University of California, Davis

PERSONAL STATEMENT

I direct the Indiana State Department of Health-funded 'Connections IN Health' Coalition Development Program, overseeing staff working across Indiana to support local health coalitions in their efforts to mitigate chronic diseases, and I am Associate Director for the Indiana Clinical and Translational Sciences Institute Community Health Engagement Program. In this capacity, I build community and academic research partnerships utilizing the resource base of Indiana University and Purdue University. I have worked with the CTSI CHEP since 2011 to increase its Community Advisory Council membership and assist with building community-engaged research approaches with Purdue Extension. I have published on effectiveness of community health coalitions, school community interventions focused on improving the diets of youth (particularly young women), school and community health coalition collaborations, and have led/developed many of the successful Purdue Extension efforts focused around health as dean of Purdue's College of Consumer and Family Sciences. I also direct the Purdue CTSI Clinical Research Center, overseeing staff who provide a variety of clinical research services supporting nutrition research, human feeding studies and human biological sampling.

I have studied lactose digestion since 1983. Adequate calcium intake in the US diet depends on dairy food consumption. Dairy foods account for approximately 3/4 of the calcium consumed in the US diet. Approximately 1/4 of the US population and 3/4 of the World population maldigests lactose, due to a genetically controlled loss of intestinal lactase activity post weaning. Among this population of maldigesters, dairy food consumption is often limited due to perceived and real symptoms resulting from intake. My research groups have characterized the key factors allowing maldigesters to consume dairy foods including microbiome adaptation, intestinal transit, residual and food-derived (yogurt) lactase activity and dose.

I directed the North Central Nutrition Education Center of Excellence, a USDA NIFA-funded center from 2014 to 2018. In this capacity, I oversaw the north central research portfolio of projects aimed at improving the effectiveness of Supplemental Nutrition Assistance Program Education (SNAP Ed) and Expanded Food and Nutrition Education Programs (EFNEP) through community-based research on policy, systems and environmental issues that inform and enhance community nutrition education efforts. I continue to work to evaluate the effectiveness of Indiana nutrition education programs and develop more effective assessment tools for community-based health interventions.

AWARDS AND HONORS

Virginia C. Meredith Professor of Nutrition Policy
Dean Emeritus, College of Consumer and Family Sciences, Purdue University
Foods & Nutrition Hall of Fame, Purdue University
Internationalization award, Purdue University
Fellow, American Society for Nutrition
Fellow, American College of Nutrition

USDA/ESCOP Leadership Development Program
CIC Leadership Development Program
Pew National Nutrition Faculty Scholar
NIH FIRST Award
Gamma Sigma Delta
Proctor and Gamble Research Fellow

PROFESSIONAL AFFILIATIONS AND SERVICE

Indiana CTSI Strategy Committee 2022-
Director, Purdue CTSI Clinical Research Center 2020-
Director, Connections IN Health CTSI/IN State Dept. of Health coalition development program 2018-
Associate Director, Community Health Engagement Programs for Indiana CTSA 2011-
Administrative Advisor, USDA Regional Research Project NC 1028: Promoting healthful eating to prevent excessive weight gain in young adults. Previously NC219, NC1193. 1994-
Nutrition Today Editorial Board 2017-
Sigma Xi 2015-
Rotary International 2012-
Nutrients Editorial Board 2019-
Evaluation Co-Lead, IHOPE Purdue IDOH, CDC Health Equity Grant. 2021-2022
Indiana Nutrition Council 2014-2022
Director, North Central Nutrition Education Center of Excellence, a USDA NIFA center 2014-2018
Indiana Healthy Weight Initiative Steering Committee 2015-2018
Indiana JumpIN Childhood Obesity Prevention Program Assessment Committee 2015-2017
Indiana Public Health Practice Council 2014-2017
Public Policy Task Force 2014-2017
NIH Consensus Conference on Lactose Intolerance Planning Committee and Speaker 2010
Contributing Editor: Nutrition Reviews 2000-2007

American College of Nutrition
American Society for Nutrition
Food and Nutrition Science Alliance, ASCN representative 1997-2003, Chair, 1999-2003
Graduate Education Committee Chair 1988-1991
Graduate Student Awards Committee 1988-1989
Institute of Food Technologists
Nutrition Division Secretary 1994-95
Nutrition Division Graduate Student Competition Committee 1993-1994
Minnesota Section Education Committee 1993-1995
Kappa Omicron Nu
Society for Nutrition Education and Behavior 2014-
Awards Committee Member 2015-2016
Public Health Nutrition Division 2014-
Minnesota Nutrition Council 1980-1995

CIC Honors College Deans 2010-13
Association of Deans and Directors of Undergraduate Studies 2010-12
Association of Public and Land-grant Universities Board on Human Sciences Executive Committee 2008-2010
APLU BOHS representative to Board on Agriculture Farm Bill Committee 2009-2010

APLU BOHS representative to CREATE-21 USDA reorganization committee 2007-2009
APLU BOHS – Chair 2006-2008
APLU BOHS - Chair-Elect 2005-2006
APLU BOHS Research Committee, Chair 2002-2005
Council of Administrators of Family and Consumer Sciences 1995-2010
American Association of Family and Consumer Sciences (AAFCS) 1995-2010
APLU: ESCOP-ACOP Leadership Development Committee 1995-1998
Indiana Youth Institute, Board of Directors 1999-2005
Greater Lafayette United Way Board of Directors 2002-2005
Campaign Chair 2004-2005, Campaign Vice-Chair 2003-2004
Vanguard Chair 2005-06, Vanguard Vice-Chair 2004-2005
Vanguard Co-Chair 2006-2008

REFEREED RESEARCH PUBLICATIONS

2023 Saiprasad SM, Moreno OG, Savaiano DA. A Narrative review of human clinical trials to improve lactose digestion and tolerance by feeding Bifidobacteria or Galactooligosaccharides. *Nutrients*, 15(16), 3559; <https://doi.org/10.3390/nu15163559>.

Ramakrishnan M, Zhou X, Dydak U, Savaiano DA. Gastric Emptying of New World Milk Containing A1 and A2 B-Casein is More Rapid as Compared to Milk Containing Only A2 B-Casein in Lactose Maldigesters: A Randomized, Cross-Over Trial Using Magnetic Resonance Imaging. *Nutrients*, 15, 801. <https://doi.org/10.3390/nu15040801>

Kielb EI, Mendoza ID, Morales-Juárez A, Conzelmann L, Velasquez JA, Savaiano DA. Expanding Public and Private Partnerships to Improve Food Access for Families Enrolled in WIC and SNAP. *Nutrition Today* 58(3):p 119-123, 5/6 2023. | DOI: 10.1097/NT.0000000000000607.

Mendoza ID, Kielb EI, Thompson JM, Conzelmann L, Hicks E , Savaiano DA. Expanding MATCH-Type Wellness Programs to Improve Adolescent Health Outcomes. *Nutrition Today* in press.

Velasquez JA, Thompson JM, Hicks EM, Morales- Juárez A, Mendoza I, Savaiano DA. Nudging the Food Industry Towards Healthier Foods: is the FDA’s healthy logo enough? *Nutrition Today* in press.

2022 Claire L. Jansson-Knodell; Edward J. Krajicek; Monica Ramakrishnan; Nicholas A. Rogers; Robert Siwec; Matt Bohm; Thomas Nowak; John Wo; Carolyn Lockett; Huiping Xu; Dennis A. Savaiano; Andrea Shin. Relationships of Intestinal Lactase and the Small Intestinal Microbiome with Symptoms of Lactose Intolerance and Intake in Adults. *Digestive Diseases and Sciences*. Mar 23. doi: 10.1007/s10620-022-07469-w.

2021 Salazar TMB, Darbishire LC, Chung MMS, Esler GCE, Liu AC, Savaiano DA. Genetically Modified Organisms Can be Organic. *Nutrition Today*. 56:1:26-32

Azcarate-Peril MA, Roach J, Chey WD, Sandborn WJ, Ritter AJ, Savaiano DA, Klaenhammer TR. A Double-Blind, 377-Subject Randomized Study Identifies *Ruminococcus*, *Coprococcus*,

Christensenella, and *Collinsella* as Long-Term Potential Key Players in the Modulation of the Gut Microbiome of Lactose Intolerant Individuals by Galacto-Oligosaccharides. *Gut Microbes*, 13:1, DOI: 10.1080/19490976.2021.1957536

2020 Ramakrishnan M, Eaton TK, Sermet OM, Savaiano DA. Milk Containing A2 β -Casein ONLY, as a Single Meal, Causes Fewer Symptoms of Lactose Intolerance than Milk Containing A1 and A2 β -Caseins in Subjects with Lactose Maldigestion and Intolerance: A Randomized, Double-Blind, Crossover Trial. *Nutrients*, 12, 3855; doi: 10.3390/nu12123855

Chey WD, Sandborn WJ, Ritter AJ, Foyt H, Azcarate-Peril MA, Savaiano DA. Galacto-Oligosaccharide RP-G28 Improves Multiple Clinical Outcomes in Lactose Intolerant Patients. *Nutrients*, 12, 1058; doi:10.3390/nu12041058.

Jansson-Knodell CL, Krajicek EJ, Savaiano DA, Shin AS. Lactose Intolerance: A Concise Review to Skim the Surface. *Mayo Clinic Proceedings*. 95:7, July, 1499-1505.

Bergia RE, Jun S, Byers A, Savaiano DA. Overhauling Nutrition Assistance Programs to Provide Comprehensive Home Nutrition Support for Older Adults. *Nutrition Today*. January/February 55:1:30-37. DOI: 10.1097/NT.0000000000000395.

Ken-Opulum J, Darbishire L, Miller D, Savaiano DA. Assessing rural health coalitions using the public health logic model: a systematic review. *Am J Prev Med* 2020; 58(6):864-878. <https://doi.org/10.1016/j.amepre.2020.01.015>

Savaiano DA, Hutkins RW, Yogurt, cultured fermented milk, and health: a systematic review, *Nutrition Reviews*, 79:5, May 2021, Pages 599-614 nuaa013, <https://doi.org/10.1093/nutrit/nuaa013>. Published: 23 May 2020.

Wiese GN, Ramakrishnan M, Clark CT, Savaiano DA. Incentivizing Fruits and Vegetables in the Farm Bill. *Nutrition Today*. July/August 55:4:168-173. DOI: 10.1097/NT.0000000000000423

Katare B, Lynch KL, Savaiano DA. Perceived Neighborhood Food Environment and Overweight and Obesity among SNAP-Ed Participants in the Midwest United States. *Public Health Nutrition*, First View, pp. 1 – 9. DOI: <https://doi.org/10.1017/S136898002000155X>

Wiehe, Sarah, Zych, Aaron, Hinshaw, Karen, Alley, Ann, Claxton, Gina and Savaiano, Dennis. 4405 Chronic Disease in Indiana – Using a Community Health Matrix to Determine Health Factors for Indiana Counties. *Journal of Clinical and Translational Science* 4(s1):82-83 DOI: 10.1017/cts.2020.263

Darbishire, Lily, Wiehe, Sarah and Savaiano, Dennis. 4034 Can Connections IN Health become a research-based model to improve health outcomes through community health coalitions? *Journal of Clinical and Translational Science* 4(s1):70-70. DOI: 10.1017/cts.2020.231

2019 Ken-Opulum J, Lynch K, Vandergraff D, Miller D, Savaiano D. A mixed-methods evaluation using effectiveness perception surveys, social network analysis, and county-level health

statistics: a pilot study of eight rural Indiana community health coalitions. *Evaluation and Program Planning* 77 101709. <http://doi.org/10.1016/j.evalprogplan.2019.101709>

Burrell, Mikayla, Casey, Rachael and Savaiano, Dennis. Asthma in Indiana-Using a Community Health Matrix to Determine Asthma Health Factors for Indiana Counties. *Proceedings of IMPRS* 2:1. DOI: <https://doi.org/10.18060/23433>

2018 Lapedes RA, Savaiano DA. Gender, age, race and lactose intolerance: Is there evidence to support a differential symptom response? A scoping review. *Nutrients*, 10(12), 1956; DOI:10.3390/NU10121956.

Dolick KN, Pham LD, Mendes C de Oliveira G, Savaiano DA. Organic Labelling Policy. *Nutr Today*. May/June 53:3:121-4. DOI: 10.1097/NT.0000000000000274.

Mansfield JL, Lynch KL, Savaiano DA. Collaboration Challenges and Opportunities: A Survey of School Foodservice Directors and Community Health Coalition Members. *J School Health*. 88:7:481-492. DOI:10.1111/josh.12636

Lee Y, Savaiano DA, McCabe GP, Pottenger F, Welshimer K, Weaver CM, McCabe LD, Novotny R, Read M, Going S, Mason A, Van Loan MD, Boushey CJ. Behavioral intervention in adolescents improves bone mass; yet lactose maldigestion is a barrier. *Nutrients*. 10:421; DOI:10.3390/NU10040421

Jun S, Thuppal S, Maulding MK, Eicher-Miller HA, Savaiano DA, Bailey RL. Poor Dietary Guidelines Compliance among Low-income Women eligible for Supplemental Nutrition Assistance Program-Education (SNAP-Ed). *Nutrients*, 10(3), 327; DOI:10.3390/NU10030327

Ragland R, Mansfield JL, Savaiano DA. A Universal Label for GMOs. *Nutr Today*. 53:1:40-46. DOI:10.1097/NT0000000000000257.

Oshiro J, Adyatni I, O'Connor L, Savaiano DA. Sustainable Eating Patterns Should be Part of the Dietary Guidelines for Americans. *Nutr Today*. 53:2:79-84. DOI:10.1097/NT.0000000000000266

2017 Savaiano DA, Lynch KL, Vandergraff DJ, Wiehe SE, Staten LK, Miller DK. The Clinical and Translational Sciences Institute's Community Health Partnerships and Purdue Cooperative Extension Collaboration in Indiana: An Innovative and Generalizable State-Wide Model to Build a Culture of Health. *JClinTransSci*. DOI:10.1017/cts.2017.300. 26 Dec.

Rivera RK, Dunne J, Maulding MK, Wang Q, Savaiano DA, Nickols-Richardson SM, Eicher-Miller HA. Exploring the association of urban or rural county status and environmental, nutrition, and lifestyle-related resources with the efficacy of SNAP-Ed (Supplemental Nutrition Assistance Program-Education) to improve food security. *Public Health Nutr*. <http://doi.org/10.1017/S1368980017003391>. 04 Dec.

Azcarate-Peril MA, Ritter AJ, Savaiano DA, Monteagudo-Mera A, Anderson C, Magness ST and Klaenhammer TR. Impact of Short-Chain Galactooligosaccharides on the Gut Microbiome of Lactose Intolerant Individuals. *PNAS* 114:3 E367-E375. DOI: 10.1073/pnas.1606722113

Mansfield JL , Savaiano DA. The Effect of School Lunch Interventions and Policy Changes on Student Food Behavior 2006-2016: A Systematic Review. *Nutr Reviews*. 22 June 2017. DOI: <https://doi.org/10.1093/nutrit/nux020>

Dilk A, Savaiano DA. Sugar Price Supports and Taxation: A Public Health Policy Paradox. *Nutr Today*.52:3:143-50. DOI: 10.1097/NT0000000000000217

2015 O'Connor L, Eaton TK, Savaiano DA. Milk Aversion can be reversed in both lactose digesters and maldigesters. *JNEB* 47:4:325–330.e1. DOI: <http://dx.doi.org/10.1016/j.jneb.2015.02.006>

Fialkowski MK, Ettienne R, Shvetsov YB, Rivera RL, Van Loan MD, Savaiano DA, Boushey CJ. Ethnicity and Acculturation: Do they predict weight status in a longitudinal study among Asian, Hispanic, and non-Hispanic white early adolescent females? *Adolesc Health Med Ther* 6:1-7. DOI <http://dx.doi.org/10.2147/AHMT.S67511>

2014 Brown ON, O'Connor LE, Savaiano DA. Mobile MyPlate: A pilot study using text messaging to provide nutrition education and promote better dietary choices in college students. *J Amer Coll Health* 62:5:320-7.

Savaiano, DA. Lactose digestion from yogurt: mechanism and relevance. *American Journal of Clinical Nutrition*. 99:6:1251S-5S.

2013 Savaiano DA, Ritter AJ, Klaenhammer TR, Gareth J, Longcore AT, Chandler JR, Walker WA, Foyt HL. Improving lactose digestion and symptoms of lactose intolerance with a novel galacto-oligosaccharide (RP-G28): a randomized, double-blind clinical trial. *Nutrition J* 12:160.

Marrero DG, Hardwick EJ, Staten LK, Savaiano DA, Odell JD, Comer KF, Saha C. Promotion and tenure for community engaged research: An examination of promotion and tenure support for community engaged research at three universities collaborating through a Clinical and Translational Science Award. *Clinical and Translational Sci* 6:3:204-8. PMC3852909.

Ritter AJ, Savaiano DA. Using Galacto-Oligosachharides to Improve Lactose Tolerance. *Food Technology*. October Volume 67, No. 10.

2012 Osborne DL, Weaver CM, McCabe LD, McCabe GP, Novotny R, Van Loan MD, Going S, Matkovic V, Boushey CJ, Savaiano DA, ACT research team. Body size and pubertal development explain ethnic differences in structural geometry at the femur in Asian, Hispanic, and white early adolescent girls living in the U.S. *Bone* 51:5:888-95. PMC3491564.

2011 Osborne DL, Weaver CM, McCabe LD, McCabe GP, Novotny R, Boushey CJ, Savaiano DA. Tanning predicts bone mass but not structure in adolescent females living in Hawaii. *Amer J Hum Biol* 23:470-478.

Brown-Esters ON, Mc Namara P, Savaiano, DA. Dietary & Biological Factors Influencing Lactose Intolerance. *Internat Dairy J* 22:98-103.

- 2010 Ariefdjohan MW, Savaiano DA, Nakatsu CH. Comparison of DNA Extraction Kits for PCR-DGGE Analysis of Human Intestinal Microbial Communities from Fecal Specimens. *Nutrition J* 9:23.
- 2008 Schaefer SE, Salazar M, Bruhn C, Savaiano DA, Boushey CJ, Van Loan MD. Influence of race, acculturation, and socioeconomic status on tendency toward overweight in Asian-American and Mexican-American early adolescent females. *J Immigran Minority Health Epub* May.
- 2007 Weaver CM, McCabe LD, McCabe GP, Novotny R, Van Loan M, Going S, Matkovic V, Boushey CJ, Savaiano DA, ACT research team. Bone mineral and predictors of bone mass in White, Hispanic, and Asian early pubertal girls. *Calcif Tissue Int* 81:5:352-63.
- Matlik L, Savaiano DA, McCabe GP, VanLoan M, Blue CL, Boushey CJ. Perceived milk intolerance is related to bone mineral content in 10- to 13-year-old female adolescents. *Pediatrics* 120:3:E669-E677.
- 2006 Savaiano DA, Boushey CJ, McCabe GP. Lactose intolerance symptoms assessed by meta-analysis: A grain of truth that leads to exaggeration. *J Nutr* 136:1-7.
- 2000 Pribila BA, Hertzler SR, Martin BR, Weaver CM, Savaiano DA. Lactose digestion and tolerance among African-American adolescent girls fed a dairy-rich diet. *J Am Diet Assoc* 100:524-528.
- 1997 Jiang T, Savaiano DA. Modification of colonic fermentation by bifidobacteria and pH in vitro: Impact on lactose metabolism, short-chain fatty acid and lactate production. *Dig Dis Sci* 42:11:2370-2377.
- Mustapha A, Jiang T, Savaiano DA. Improvement of Lactose Digestion by Humans Following Ingestion of Unfermented Acidophilus Milk: Influence of Bile Sensitivity, Lactose Transport, and Acid Tolerance of *Lactobacillus acidophilus*. *J Dairy Science* 80:8:1537-1545.
- Jiang T, Savaiano DA. In Vitro Lactose Fermentation by Human Colonic Bacteria is Modified by *Lactobacillus acidophilus* Supplementation. *J Nutr* 127:8:1489-1495.
- Suarez FL, Savaiano DA, Levitt MD. Tolerance to the daily ingestion of two cups of milk by individuals claiming lactose intolerance. *Am J Clin Nutr* 65:1502-1506.
- Hertzler SR, Savaiano DA, Levitt MD. Fecal Hydrogen Production and Consumption Measurements: Response to Daily Lactose Ingestion by Lactose Maldigesters. *Dig Dis Sci* 42:2:348-353.
- 1996 Hertzler S, Savaiano DA. Colonic adaptation to daily lactose feeding in lactose maldigesters reduces lactose intolerance. *Am J Clin Nutr* 64:232-36.
- Hertzler SR, Huynh, Bao-Chau L, Savaiano DA. How much lactose is low lactose? *J Am Diet Assoc* 96:243-246.

Lin M.-Y, Harlander S, Savaiano DA. Construction of an integrative food-grade cloning vector for *Lactobacillus acidophilus*. *Appl. Microbiol Biotechnol* 45:484-489.

Jiang T, Mustapha A, Savaiano DA. Improvement of Lactose Digestion in Humans by Ingestion of Unfermented Milk Containing *Bifidobacterium longum*. *J Dairy Sci* 79:750-757.

1995 Suarez FL, Savaiano DA, Levitt MD. A comparison of symptoms after the consumption of milk or lactose-hydrolyzed milk by people with self-reported severe lactose intolerance. *New Engl J Med* 333:1:1-4.

1994 Kotz CM, Furne JK, Levitt MD, DA Savaiano. Ability of a high B-galactosidase yogurt to enhance lactose absorption. *J Dairy Sci* 77:3538-3544.

Suarez FL, Savaiano DA. Lactose digestion and tolerance in adult and elderly Asian-Americans. *Am J Clin Nutr* 59:1021-4.

1993 Gross CJ, Savaiano DA. Effect of development and nutritional state on the uptake, metabolism and release of free and acetyl-L-carnitine by the rodent small intestine. *Biochem Biophys Acta* 1170:265-274.

Lundell BL, Savaiano DA. The neonatal guinea pig as a model for human galactose metabolism: Galactose-1-phosphate uridylyltransferase activity. *Biol Neonate* 64:4:228-34.

Lin MY, DiPalma JA, Martini MC, Gross CJ, Harlander SK, Savaiano DA. Comparative effects of exogenous lactase (beta-galactosidase) preparations on in vivo lactose digestion. *Dig Dis Sci* 38:11:2022-7.

1992 Kotz CM, Peterson LR, Moody JA, Savaiano DA, Levitt MD. Effect of yogurt on clindamycin-induced *Clostridium difficile* colitis in hamsters. *Dig Dis Sci* 37:1:129-32.

1991 Martini MC, Lerebours EC, Lin W.-J, Harlander SK, Berrada NM, Antoine JM, Savaiano DA. The effect of lactic acid bacterial strains and species in fermented milks (yogurts) on in vivo lactose digestion. *Am J Clin Nutr* 54:1041-6.

Martini MC, Kukielka D, Savaiano DA. Lactose digestion from yogurt: Influence of a meal and additional lactose. *Am J Clin Nutr* 53:1253-1258.

Lin M-Y, Savaiano DA, Harlander SK. Influence of non-fermented dairy products containing bacterial starter cultures on lactose maldigestion in humans. *J Dairy Sci* 74:87-95.

Gross CJ, Savaiano DA. The effect of nutritional state and allopurinol on nucleotide formation in enterocytes from the guinea pig small intestine. *Biochem Biophys Acta* 1073:260-267.

1990 Kotz CM, Peterson LR, Moody JA, Savaiano DA, Levitt MD. In-vitro antibacterial effect of yogurt on *Escherichia coli*. *Dig Dis Sci* 35:5:630-7.

1989 Lin WJ, Savaiano DA, Harlander SK. A method for determining b-galactosidase activity of yogurt culture in skim milk. *J Dairy Sci* 72:2:351-359.

- 1988 Gross CJ, Stiles JE, Savaiano DA. Effect of nutritional state and allopurinol on purine metabolism in the rat small intestine. *Biochem. Biophys. Acta* 966:168-175.
- Martini, M.C. and D.A. Savaiano. Reduced intolerance symptoms from lactose consumed during a meal. *Am J Clin Nutr* 47:57-60.
- Rosamond WD, Savaiano DA. Maintenance of sucrase-isomaltase in the rat small intestine: influence of diet and age. *Dig Dis Sci* 33:11:1397-1402.
- 1987 Martini MC, Bollweg GL, Levitt MD, Savaiano DA. Lactose digestion by yogurt β -galactosidase: influence of gastric pH and microbial cell integrity. *Am J Clin Nutr* 45:432-436.
- Martini MC, Smith DE, Savaiano DA. Lactose digestion from and tolerance to flavored and frozen yogurts, ice milk and ice cream by lactase-deficient persons. *Am J Clin Nutr* 46:636-640.
- 1986 Gross CJ, Henderson LM, Savaiano DA. Uptake of L-carnitine, D-carnitine and acetyl-L-carnitine by isolated guinea pig enterocytes. *Biochem Biophys Acta* 886:425-433.
- Occhino LA, Morris HA, Savaiano DA. A comparison of β -galactosidase specific activity in strains of *Streptococcus thermophilus*. *J Dairy Sci* 69:2583-2588.
- 1985 Smith TM, Kolars JC, Savaiano DA, Levitt MD. Absorption calcium from milk and yogurt. *Am J Clin Nutr* 42:1197-1200.
- 1984 Kolars JC, Levitt MD, Aouji M, Savaiano DA. Yogurt: An autodigesting source of lactose. *New Engl J Med* 310:1-3.
- Salati LM, Gross CJ, Henderson LM, Savaiano DA. Metabolism of adenine, adenosine, hypoxanthine and AMP in the isolated vascularly perfused rat small intestine. *J Nutr* 114:753-760.
- Savaiano DA, Abou El Anouar A, Smith DE, Levitt MD. Lactose malabsorption from yogurt, pasteurized yogurt, sweet acidophilus milk and cultured milk in lactase-deficient individuals. *Am J Clin Nutr* 40:1219-1223.
- 1983 Savaiano DA, Salati LM, Rosamond WD, Salinsky J, Willis BW. Nucleic acid, purine and proximate analyses of mechanically separated beef and veal. *J Food Sci* 48:4:1356-1357.
- 1981 Savaiano DA, Clifford AJ. Adenine, the precursor of nucleic acids in intestinal cells unable to synthesize purines de novo. *J Nutr* 111:1816-1822.
- 1980 Savaiano DA, Ho CY, Chu V, Clifford AJ. Metabolism of orally and intravenously administered purine in rats. *J Nutr* 110:1793-1804.
- 1979 Ho CY, Miller KV, Savaiano DA, Crane RT, Clifford AJ. Absorption and metabolism of orally administered purines in fed and fasted rats. *J Nutr* 109:1377-1382.

1978 Savaiano DA, Clifford AJ. Effect of adenine, uracil and uridine growth, urine volume and kidney weights of rats. Nutr Reports Intl 17:57-62.

Savaiano DA, Clifford AJ. Absorption, tissue incorporation and excretion of free purine bases in the rat. Nutr Reports Intl 17:551-556.

1977 Savaiano DA, Powers JR, Costello MJ, Whitaker JR, Clifford AJ. The effect of a-amylase inhibitor on the growth rates of weanling rats. Nutr Reports Intl 15:443-449.

Story, DL, Shrader RE, Theriault LL, Lumijarvi DL, Shenoy TS, Savaiano DA, Shaffer RH, Ho CY, Clifford AJ. Effects of dietary protein, adenine and allopurinol on growth and metabolism of rats. J Nutr 107:1044-1052.

PATENTS

Ritter AJ, Savaiano DA, Barnes D, Klaenhammer, TD. Probiotic formulations and methods of use.

US 9,808,481	2017
US 9,775,860	2017
US 9,592,248	2017
US 9,579,340	2017
US 9,370,532	2016
SG 2014014435	2014
US 8,785,160	2014
UK GB 2480042	2014
US 8,486,668	2013
US 8,492,124	2013

BOOKS, BOOK CHAPTERS, ABSTRACTS and PRESENTATIONS (since 2016)

2023 Savaiano DA. Lactose: Malabsorption, Maldigestion and Intolerance. Dairy UK World Milk Day June 1, 2023. Part of Lactose and the Evolution of Dairy Consumption symposium.

Ramakrishnan, M and Savaiano, DA. Two-Week Consumption of A1/A2 Milk Results in Significantly More Fecal Urgency Than A2 Milk in Lactose Maldigesters. Nutrition 2023 July

Vicki Simpson, Dennis Savaiano, Aaron Zych, Larissa Mori, Dawoon Jung, Mario Ventresca, Lily Darbishire, Beth Elmore, Holly Wood and Melanie Cline. Building Community Resilience: Strengthening and Diversifying Collaborative Community Networks. ISQOLS 21st Annual Conference. Rotterdam, the Netherlands. August 21-25.

2022 Savaiano, DA Yogurt and Health: What do we know and what else do we need to know? 7th International Dairy Federation Symposium on Science and Technology of Fermented Milk. November 29-30.

Savaiano, DA editor. Dairy products for human health. Printed edition of the special issues published in Nutrients. https://www.mdpi.com/journal/nutrients/special_issues/Dairy_Products_Human_Health).

Monica Ramakrishnan, Xiaopeng Zhou, Tracy K. Eaton, Ulrike Dydak, Dennis A. Savaiano. A1 Beta-Casein Milk Transits the Stomach More Quickly than A2 Beta-Casein Milk in Lactose Maldigesters using Magnetic Resonance Imaging. *Nutrition* 2022. June.

Darbishire L, Savaiano DA. Connections IN Health: A Model for Coalition Building? *Translational Sciences* 2022, April 20-21, Chicago.

Darbishire L, Savaiano DA. Connections IN Health: A Model for Coalition Building? *National Health Outreach Conference*, May

Vandeventer, Luke and Savaiano, Dennis. How COVID-19 Impacted Community Health Coalition Functioning and Strategies Used to Adapt. *Proceedings of IMPRS 5:1*. DOI: <https://doi.org/10.18060/26747>

2021 Darbishire L, Savaiano DA. A mixed-methods, multi-level framework to evaluate statewide health coalitions. *FNCE* 2021 October.

Jeong, Naari and Savaiano, Dennis. We're in This Together: Community Coalition Approaches to Treating Depression. *Proceedings of IMPRS 4:1*. DOI: <https://doi.org/10.18060/25928>

Shockley, Emily, Amin, Aliya and Savaiano, Dennis. The Impact of Community Health Coalitions On Preventative Health Outcomes: A Systematic Review. *Proceedings of IMPRS 4:1*. DOI: <https://doi.org/10.18060/25706>

Heitz, Adaline and Savaiano, Dennis. Are Community Coalitions a Better Mechanism to Advance Health Equity? A Narrative Review. *Proceedings of IMPRS 4:1*. DOI: <https://doi.org/10.18060/25861>

2020 Claire Jansson-Knodell, Edward Krajicek, Monica Ramakrishnan John Wo, Robert Siwec, Nicholas Rogers, Matthew Bohm, Thomas Nowak, Carolyn Lockett, Huiping Xu, Dennis Savaiano, Andrea Shin. Lactose intake does not differ among patients with and without symptoms of lactose intolerance. *Amer College Gastro*. October. Nashville TN.

Ramakrishnan M, Eaton T, Sermet O, Savaiano D. A Single Meal of Milk Containing A2 B-Casein Causes Fewer Symptoms and Lower Gas Production than Milk Containing Both A1 and A2 B-Casein Among Lactose Intolerant Individuals. *Nutrition* 2020. June. Seattle WA.

Wiehe S, Zych A, Hinshaw K, Alley A, Claxton G, Savaiano D. Chronic Disease in Indiana – Using a Community Health Matrix to Determine Health Factors for Indiana Counties. *Association for Clinical and Translational Science, Translational Sciences* 2020. April 14-17; Washington DC.

Darbishire L, Wiehe SE, Savaiano DA. Can Connections IN Health become a research-based model to improve health outcomes through community health coalitions? *Association for Clinical and Translational Science, Translational Sciences* 2020. April 14-17; Washington DC.

Krajicek E, Jansson-Knodell C, Rogers N, Wo J, Siwec R, Bohm M, Nowak T, Lockett C, Xu H, Savaiano D, Shin A. Association between intestinal lactase and symptoms of lactose intolerance in adults. *Dig Dis Week #3345118*. Chicago, May 5.

Jansson-Knodell C, Krajicek E, Rogers N, Wo J, Siwec R, Bohm M, Nowak T, Lockett C, Hemmerich C, Xu H, Savaiano D, Toh E, Nelson D, Shin A. The Role of the Small Intestinal Mucosal Microbiota in Modulating Symptoms of Lactose Intolerance. *Dig Dis Week* #3345357. Chicago, May 3.

Devine J, Savaiano DA, Lynch KL, Eicher-Miller HA. Impact of Health Policy on Outcomes. In: Fish Ragin D. and Keenan J. eds. *Handbook of Research Methods in Health Psychology*. Routledge/Taylor & Francis Group; in press.

Blake, Ethan, Sawyer, Antonia and Savaiano, Dennis. Physical Activity Can Enhance Treatment for Substance Use Disorder: A Systematic Review. *Proceedings of IMPRS 3:1*. DOI: <https://doi.org/10.18060/24532>

Walters, Kevin and Savaiano, Dennis. Indiana Nonprofit Hospitals' Community Needs Assessments Objectives and Evaluation. *Proceedings of IMPRS 3:1*. DOI: <https://doi.org/10.18060/24790>

2019 Rivera RL, Deckard MR, Savaiano DA, Lynch K, Maulding MK, Ibriga HS, Eicher-Miller HA. Reliability of the Indiana Supplemental Nutrition Assistance Program-Education (SNAP-Ed) Program Evaluation Survey. ASN annual meeting. June 8-11. Baltimore

2018 Savaiano DA. Scientific evidence, rather than uncontrolled case studies should be the basis for patient management. Letter to the Editor regarding "Managing acute pain in patients who report lactose intolerance: The safety of an old excipient re-examined". *Ther Adv Drug Saf* 1 DOI: 10.1177/2042098618760924.

Mansfield J, Vandergraff D, Lynch K, Miller D, Savaiano D. A Mixed-Methods Evaluation to Improve Sustainability of Community Health Coalition Partnerships, Activities, and Impact on County-level Health. Association for Clinical and Translational Sciences Conference. April 19-21; Washington DC.

Mansfield JM, Vandergraff DJ, Savaiano DA. Evaluating Indiana Community Health Coalitions: A Systems Approach to Improving Impact and Sustainability of Local Health Promotion Partnerships. National Health Outreach Conference. May 2-4; Bloomington, MN.

Ritter AJ, Chey WD, Foyt HL, Lundy JJ, Coon, CD, Savaiano DA. A novel tool to assess symptoms of lactose intolerance and define meaningful patient benefit. *Dig Dis Week*. June 4

Ritter AJ, Chey WD, Foyt HL, Sandborn WJ, Savaiano DA. Improvement of clinical symptoms of lactose intolerance with a novel prebiotic galacto-oligosaccharide RP-G28. *Dig Dis Week*. June 5

Mansfield JL, Lynch KL, Vandergraff DJ, Miller DK, Savaiano DA. Obesity-Related Health Statistics Correlate More Strongly to Coalition Network Indices than Typical Effectiveness Evaluations. SNEB; July 21-24. Minneapolis, MN.

Chey WD, Ritter AJ, Savaiano DA, Klaenhammer TR, Sandborn WJ, Azcarate-Peril A. A Novel Galacto-Oligosaccharide (RP-G28) Promotes Beneficial Adaptations to the Human Gut

Microbiome in Patients with Lactose Intolerance. American College of Gastroenterology 2018 Annual Meeting. Oct 9; Philadelphia, PA.

2017 Savaiano DA. Milk Avoidance and Milk Alternatives. 79th Annual Cornell Nutrition Conference. October, Syracuse NY

Mansfield JL, McDavid L, Vandergraff DJ, Miller DK, Savaiano DA. Application of Social Network Analysis for Evaluating and Improving Partnership Sustainability of Local and Statewide Community Health Coalitions in Indiana. Advancing the Science of Community Engaged Research, September, Washington DC.

Mansfield JL, McDavid L, Vandergraff DJ, Savaiano DA. A mixed-methods approach to evaluate the effectiveness of rural community health coalitions: Comparing coalition capacity and social network analysis. JNEB 49:7 Supplement1, Pages S32-33. <http://dx.doi.org/10.1016/j.jneb.2017.05.311>. SNEB July, Washington DC

Savaiano D, Scott M, Britt-Rankin J, Contreras D. RNECE: Regional Nutrition Education and Obesity Prevention Centers of Excellence. ASNNA. February 2017

Mansfield JL, Savaiano DA. Considerations for Amending SNAP Regulations. Letter to the Editor regarding: "Incentive and Restriction in Combination- Make Food Assistance Healthier with Carrots and Sticks" by Schwartz MB. September 19, 2016. JAMA Intern Med. 2017;177(4):594. doi:10.1001/jamainternmed.2016.9637

2016 Savaiano DA. Lactose Intolerance: Perceptions, Scientific Reality and Management. The Nutrition Society of Australia Annual Meeting. Dairy Australia Lecture. December. JNIM 8(2017):63.

Mansfield JL, Savaiano DA. Effect of School Wellness Policy and the Healthy, Hunger-Free Kids Act on Student Food Behavior, 2006-2016: A Systematic Review. SNEB July, San Diego CA.

Mansfield JL, Lynch KL, Savaiano DA. Differences in Perceptions between School Foodservice Directors and Community Health Coalitions Members Regarding Challenges and Opportunities of Implementing the Healthy, Hunger-Free Kids Act in Indiana. SNEB July, San Diego CA.

Lynch KL, Vandergraff D, Miller DK, Wiehe S, Staten L, Savaiano DA. Assessing Barriers and Challenges to Rural Indiana Community Health Coalitions. SNEB July, San Diego, CA.

Savaiano DA, Lynch KL, Vandergraff D, Wiehe S, Staten L, Miller DK. The Clinical and Translational Sciences Institute Community Health Engagement Program (CTSI CHEP) and Purdue Cooperative Extension Partnership in Indiana: An Innovative and Generalizable Model to Change the Culture of Health. Advancing the Science of Community Engaged Research, August, Washington DC.

Azcarate-Peril AM, Andrew Ritter AJ, Savaiano DA, Klaenhammer T. Impact of Short-Chain Galactooligosaccharides on the Gut Microbiome of Lactose Intolerant Individuals.

Gastroenterology. April 2016 Volume 150, Issue 4, Supplement 1, Page S424. DOI:
[http://dx.doi.org/10.1016/S0016-5085\(16\)31474-3](http://dx.doi.org/10.1016/S0016-5085(16)31474-3)

Mansfield JL, Savaiano DA. Fruit and Vegetable Consumption in Schools. Letter to the Editor regarding: "Impact of the National School Lunch Program on Fruit and Vegetable Selection in Northeastern Elementary Schoolchildren", 2012-2013 by Amin, et al. (2015) Public Health Reports, March/April 2016.

GRANTS AND GIFTS

Research and teaching grants and contracts awarded as Principal Investigator totaling \$7.2M+ from industry, non-profit agencies, government, and foundations.

Current:

Indiana State Department of Health Contracts with CTSI Community Health Partnerships to develop 'Connections IN Health' statewide health coalition development program.
\$500,000+ annual contracts 10/2018-present. Director.

A2 Milk Company 6/2022, \$200,000. 1/2019, \$80,000. 6/2018, \$135,000. 2/2018, \$60,000. 4/2017, \$60,000.

American Jersey Cattle Association 8/2017, \$30,000

Symbiotic Health 1/ 2022, \$140,000

Recent:

Principal Investigator/ Director, North Central Nutrition Education Center for Excellence. A USDA NIFA funded center. \$856,250. 09/01/14-08/31/16. \$410,000. 09/01/16-08/31/18.

CONSULTING

Current:

Danone North America Nutrition Advisory Board
Japanese A2 Milk Association
Dairy UK

Past:

Ritter Pharmaceuticals Medical Advisory Board, Chair
American Jersey Cattle Association
Dairy Farmers of Canada
The Utrecht Group (NDC, Dutch Dairy, Danish Dairy, French Dairy)
Dairy Australia
Dairy UK
Danone Institute Mexico
Land O'Lakes Health Advisory Council
Novartis
Mead Johnson
Yoplait/General Mills
Chocolate Manufacturers Association
Dairy Farmers of Canada
Amway

National Yogurt Association
Deans Foods
The Center for Food Integrity
National Dairy Council
Nature's Farm Dairy
Danone

POST-DOCTORAL FELLOWS

Monica Ramakrishnan	2023-
Lily Darbishire	2022-2023
Krystal Lynch	2015-2016
Onikia Esters	2009-2012
Joanne Lasrado	2005-2007
Azlin Mustapha	1994-1996
Christa Hanson	1983-1984

PHD ADVISEES

Sindusha Mysore Saiprasad	Nutrition	current
Monica Ramakrishnan	Nutrition	2023
Lily Darbishire	Nutrition	2022
Jennifer Ken-Opurum (Mansfield)	Nutrition	2019
Merlin Ariefdjohan	Nutrition	2007
Tianan Jiang	Nutrition	1996
Fabrizis Suarez	Nutrition	1996
Steve Hertzler	Nutrition	1995
Meei-Yn Lin	Food Science	1993 joint
Martini, Margaret	Nutrition	1989
Essatara, M'Barek	Nutrition	1985 joint

MS ADVISEES

Omer Sermet	Nutrition	2018
Hannah Boeh	Public Health	2015
YuJin Lee	Nutrition	2012
Elizabeth Roberts	Nutrition	2007
Michelle Wuertemberger	Nutrition	2004
Bethany Pribila	Foods and Nutrition	1999
Michelle Canar	Food Science	1993 joint
Yarong Li	Nutrition	1993
Beverly Irene Lundell	Nutrition	1992
Mary Ann Evans	Nutrition	1991
Deanna Weiskopf Francis	Nutrition	1991
Tony Havala	Nutrition	1990
Catherine Kotz	Nutrition	1990
Meei-Yn Lin	Food Science	1990 joint
Peggy Kaproth	Nutrition	1990
Judy Kohl	Food Science	1989 joint

Wei-Jen Lin	Food Science	1988 joint
Pamela Stevenson Karlberg	Nutrition	1987
Margaret Martini	Nutrition	1987
Huey-Pyng Chen	Nutrition	1985
El Harchali El Hassane	Nutrition	1984
Wayne D. Rosamond	Nutrition	1984
Michael Haas	Nutrition	1983
Abdelhak Abou El Anouar	Nutrition	1983
Lisa M. Salati	Nutrition	1982
Mostafa Aouji	Nutrition	1982

COURSES TAUGHT

PURDUE UNIVERSITY

Food Policy and Nutrition 2015-present
World Food Problems 2014-2021
Nutrition in the 21st Century 2015-2019
Extension and Community Engagement 2016-2018
Essentials of Nutrition 2016
University Honors Food Policy and Nutrition 2012
Freshman Honors Seminar on Food Policy annually 1996-2010
Freshman Honors Learning Community annually 2004-2009

UNIVERSITY OF MINNESOTA

Introduction to Nutrition: Concepts and Issues 1982-1987
Family Nutrition 1982 & 1984
Principles of Nutrition 1980-1987
Biological Aspects of Nutrition 1989, 1992
Coordinated Program Seminar 1981, 1985, 1987, 1988
Seminar for University Hospital Dietetic Interns 1988
Nutrition and Metabolism 1990
Macronutrient Metabolism 1986
World Food Problems 1983-1991
Graduate Seminar 1983-85, 1988-1992
Nutrient Availability 1981, 1984

UNIVERSITY OF CALIFORNIA DAVIS

Introduction to Nutrition 1978-79

ACCOMPLISHMENTS ON SABBATICAL LEAVE 2013-14

Initiated efforts to build a food policy initiative at Purdue and in Indiana, bringing together faculty and centers from across campus. Developed two new multidisciplinary courses at Purdue. 'World Food Problems' is a multi-college effort including Agricultural Economics, Agronomy, Consumer Sciences, Nutrition Science and Political Science and taught annually beginning Fall 2014. 'Food Policy' focuses on initiatives that will improve diet quality in the United States while also maintaining a strong agricultural system. Continued efforts to build community engaged research through the Clinical and Translational Sciences Institute and Purdue Extension with focus on rural health. Expanded Indiana

Supplemental Nutrition Education Program evaluation in Indiana and worked toward building a new Superfund Center and a CDC Obesity Prevention Program for Purdue.

ACCOMPLISHMENTS AS INTERIM DEAN OF THE HONORS COLLEGE 2011-2013

Led the development of a new Honors College at Purdue including curricula, faculty governance and instruction, recruiting and student services, space planning, development, engagement, assessment, staffing, recruiting and budgeting. During the 2011-12 year, convened task force of 80+ faculty, staff and students to develop guiding principles and recommendations for the new Honors College in six areas: 1) curricula 2) admissions and recruiting 3) scholarship support 4) post-graduate placement 5) residential opportunities and 6) faculty. Received Faculty Senate approval for an Honors College faculty governance committee that began its work in Fall of 2012. During 2012-2013, worked with the governance committee develop a new curriculum, admissions requirements, residential guidelines and course development. Created a new National and International Scholarship Office to support Fulbright, Rhodes, Goldwater, Marshall, Mitchell and related student scholarship applications. The Honors College unified existing academic college honors programs and opened to 560 first year students in Fall of 2013.

ACCOMPLISHMENTS AS ASSOCIATE PROVOST 2010-2011

Responsible for expanding and enhancing University Honors and Undergraduate Studies Programs. Chaired an Undergraduate Honors, Studies and Success Task Force of 35 faculty, students and staff. The task force recommended the formation of a new Honors College for Purdue. Drafted recommendation to Board of Trustees to recommend the development of an Honors College, approved July of 2011. The task force also recommended the ultimate formation of Discovery College aimed at supporting first year students.

ACCOMPLISHMENTS AS DEAN OF CONSUMER AND FAMILY SCIENCES 1995-2010

Gift and grant income grew approximately ten-fold since 1995, providing approximately 2/3 of the annual to support in the College. The college enrolled 1939 undergraduate and 185 graduate students in the fall of 2009, growing by over 450 students since 1995. Faculty FTE grew from 60 to 80 and the annual budget grew from approximately 10M to 30M. Home of consumer and family sciences programs for the Cooperative Extension Service, the college served over 250,000 clients annually. The college had a strong commitment to diversity, scholarship and research, international programs and public and private partnerships. The college developed new honors, scholarship, multi-cultural, international and research programs. Hospitality Management and Marriage and Family Therapy Programs both held #1 national rankings.

Strategic Planning:

Developed the first strategic plan for CFS. Major goals included dramatically increasing discovery activities, increasing enrollments while improving the student experience and engaging Indiana and beyond to build partnerships. Faculty and staff involvement in developing and implementing the plan, along with a commitment to work/life balance, academic freedom and personal respect and integrity, built a collegial, committed and productive environment. A second CFS plan, in concert with the first University Strategic Plan, was developed in 2001. This plan focused on facilities and new faculty hires. Two major buildings, Hanley and Marriott Halls (funded entirely with gifts) were a direct result of this process. A third plan, focusing on support for students, partnerships and new possibilities, was developed in concert with Purdue's 2008 plan.

Learning and the student experience:

Enrollment growth was planned with intensive recruiting efforts and new experiences to attract outstanding students. During this period, CFS doubled its Hispanic student enrollment, more than doubled international undergraduate students and increased minority ethnicity 36% while simultaneously increasing the average SAT score of matriculating freshman 103 points. A new four year honors program was developed, retaining a senior thesis while implementing new freshman and sophomore seminars. Honors enrollment grew from 2 to nearly 100. Personally taught the freshman honors seminar and a freshman learning community. CFS rapidly expanded and promoted study abroad options, increasing participation from 17 to over 150 annually. A key component of this 'new' CFS was a Dean's honors scholarship program, providing 4 year awards to excellent students by growing and pooling gift support. In 2009, CFS awarded over \$250,000 to 100+ students. CFS also required internships for all its students, and brought the classroom and real world experience together through capstone course offerings. A proposal for capstone course experience led the Provost to provide support with new faculty lines.

Engagement:

Campus-based faculty, funded by State and Federal Extension funds, worked closely with nearly 100 CFS county-based extension educators. Our ongoing partnership with the Indiana State Department of Health led to Purdue CFS co-sponsoring the 2007 Governor's INShape Indiana Conference on workplace wellness programs, and to new health promotion councils in over half of Indiana's counties. Developed fruitful partnerships with the IN Department of Family and Social Services, the banking industry, the judicial system, and the hospitality, food and retail industries. At any given time, well over 100 advisors/affiliates served on boards ranging from the Foods & Nutrition Corporate Affiliates to the Center for Families Advisory Board. Alumni Board activities were particularly strong, including annual homecoming activities, distinguished alumni and outstanding student awards, regional meetings and a spring leadership conference. These activities supported the connection to over 23,000 living alumni.

Fund raising

Giving to CFS increased from a three year 1993-96 average of \$1.2M to a 2006-09 three year average of \$9M. Led successful fundraising for Hanley Hall, an \$11.5M project, and for Marriott Hall, a \$13M project. From 1998 to 2001, led a unique planned giving campaign, aimed primarily at alumnae. With a goal of \$10M, raised \$15M in planned gifts. As a part of the Campaign for Purdue, CFS met a very aggressive goal of \$31.3M, which much of that funding committed to Hanley and Marriott Halls.

Diversity, climate and work/life balance:

Was a strong proponent of clearly defined work obligations, work/life balance, flexible hours, annual evaluations and merit pay. Believe that successes in the college came because capable and motivated individuals (students, faculty AND staff) were given the opportunity to succeed. CFS had a long tradition of gender balance and was proud to have been the home of the first and second women Distinguished Professors at Purdue. Provided leadership initiating a university-wide staff diversity training program. Developed student and faculty/staff organizations in the college which promoted a culture of celebration of CFS diversity, culminating annually with a faculty, staff and student event held in conjunction with the spring faculty meeting. Met or exceeded the available national pools for minority faculty and grew ethnic student population while simultaneously growing overall student body.

Discovery:

CFS at Purdue grew external support over ten-fold (94-95 awards \$2.2M, 07-08 awards \$23M). The majority of these funds came from NIH. Maintained a significant portfolio from foundations, DoD, Ed, NSF, USDA and state agencies. Approximately 3/4 of the college faculty were hired between 1995 and 2010. This faculty grew award expenditures per FTE to first among all colleges at Purdue while simultaneously maintaining a student credit hour load that was second among all colleges. In the first strategic plan, providing competitive start up packages, competitive national salaries and facilities were major goals. In addition, developed tenure and promotion guidelines for each department that stressed success in all aspects of the mission. Initiated grant writing support, which grew campus-wide to include 120 faculty biannually. Grew a research infrastructure to support the increased activity through careful space planning and reallocation.

ACCOMPLISHMENTS AS ASSOCIATE DEAN OF HUMAN ECOLOGY- UNIVERSITY OF MINNESOTA 1992-1995

Enhancement of the Undergraduate Experience:

- Revision of the Scholarship program
- Improved the relationship between donors and students
- Established recruiting efforts, freshman class doubled in size
- Freshman experience program developed: honors, ambassadors to recruit underrepresented students

Restructuring academic curricula:

- New liberal education requirements implemented
- International studies minor redesigned
- International programs strategic planning
- Developed an interdepartmental Human Ecology Program
- St. Paul Campus Multimedia Instructional Laboratory established, assisting faculty in several large lecture courses
- Diversity Initiatives, curriculum revisions and partnering with other collegiate units to provide tutoring programs
- Facilitated distance learning and technology development through funding initiatives and curriculum planning
- Data Management; reorganization of data storage for use in planning

Expanding research initiatives:

- Resource allocation to outreach/research partnerships
- Funded department grant writers/facilitators
- Oversaw three Department of Agriculture CSREES reviews 1992-94
- Developed workload guidelines that promote external grant support as a match for experiment station funds

PURDUE UNIVERSITY SIGNIFICANT COMMITTEES AND SERVICE

IN CTSI Strategy Committee 2022-
University Senate 2019-
University Senate Student Affairs Committee 2019-
Journal of Purdue Undergraduate Research 2012-
Chair, University Merit Scholarship Review Committee 2010
Chair, 'Healthy Planet 2010' University Wellness Week
Hovde Award Committee 2004 – 2009

Center for Aging and the Life Course Dean's Advisory Committee 2000 – 2010
Chair, Liberal Arts Dean Search Committee 2002
Research Strategic Planning Committee 1999-2000
Committee on Interdisciplinary Research 1999
Purdue Campaign, United Way Chair 1999, Vice Chair 1998
North Central Accreditation Sub-Committee
 NCA Sub-Committee Criterion 4 1998-99
 NCA Strategic Planning Sub-Committee 1998-99
Purdue Data Network Policy Committee 1997-2002
Eli Lilly Retention Project Planning Committee 1997
University Information Access Policy 1996-1998
Purdue Cancer Center Liaison Committee 1996-2010
University Academic Planning 1995

UNIVERSITY OF MINNESOTA SIGNIFICANT COMMITTEE ASSIGNMENTS:

Bush Foundation Faculty Development Program Advisory Committee 1992-1995
Council of Undergraduate Deans 1992-1995
Graduate School Endowed Fellowship Program 1993-1995
Graduate School Hill Visiting Professor Program Committee 1993-1995
Human Ecology Interdepartmental Program, Chair 1992-1995
Graduate Nutrition Executive Committee, Chair 1991-1992
Co-investigator, Executive Committee; NIH/NIDDK Training Grant in Nutrition 1990-1992
FScN Policy Advisory 1987-1992
Kellogg Foundation Nutr. Educ, Grant, Executive Committee 1986-1989
FScN Nutr. Science/Clinical Nutrition Search Committee, Chair 1987-1989
University Senate 1987-1989
College of Home Economics Task Force on Quality of Undergraduate Education, Chair 1987-1988
University Student Academic Support Services 1985-1988
FScN Nutritional Biochemistry Search, Chair 1986-1987
FScN Department Head Search 1986-1987
Center for Integrated Studies in Home Economics 1983-1985
FScN Undergraduate Nutrition Program, Chair 1983-1986