

Curriculum Vitae

Suzanne Hendrich, Ph. D., University Professor Emerita, Food Science & Human Nutrition
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EDUCATION:

University of California, Los Angeles	B.A. 1976	Biology
University of California, Berkeley	Ph.D. 1985	Nutrition

PROFESSIONAL EXPERIENCE:

1976-79 Staff Research Associate, Molecular Biology Institute, UCLA.
1981-85 Teaching and Research Assistant, Dept. Nutr. Sci., UC Berkeley.
7/85-7/87 Postdoctoral Trainee, Dept. Nutr. Sci., University of Wisconsin.
7/87-8/93 Assistant Professor, Food Science and Human Nutrition, Iowa State University.
8/93-8/97 Associate Professor, Food Science & Human Nutrition, Iowa State University.
7/95-6/97 Interim Co-Director, Center for Designing Foods to Improve Nutrition, Iowa State University.
8/98—7/05 Associate Dean for Undergraduate Programs & Educational Technology, College of Family & Consumer Sciences, Iowa State University.
8/97—12/17 Professor, Asst. Professor (1987-1993), Assoc. Prof. (1993-97).
2004-12/2017 Lura M. Lovell Fellow, Iowa State University.
2010-2012 Charlotte E. Roderuck Faculty Fellow.
2010-12/17 University Professor, Iowa State University.

HONORS, AWARDS & RECOGNITIONS:

Iowa Campus Compact Faculty Fellow, 2013-14.
University Professor, Iowa State University, 2010.
John Doull Award, Central States Society of Toxicology, 2009.
Regents Award for Faculty Excellence, Iowa State University, 2007.
Bailey Career Research Development Award, Iowa State University, 2002-2005.
Iowa State University College of Family & Consumer Sciences Faculty Research Excellence Award, 1997.
Iowa State University Wakonse Fellow, 1997.
Best paper of Protein/Co-products Session, American Oil Chemists Society, May 1996.
Miller Faculty Fellow, 1996, 1999, 2008.
Iowa State University's James H. Ellis Award for Outstanding Introductory Undergraduate Teaching, 1996.
Helen LeBaron Hilton Teaching Award, College of Family & Consumer Sciences, 1993.
Iowa State University Bioethics Institute participant, 1991.

PROFESSIONAL ORGANIZATIONS:

Journal of Food and Agricultural Chemistry External Advisory Board, 2018-present.
Florida Citrus Department, Scientific Research Advisory Committee member, 2015-2017.
American Society for Nutrition, Chair, Research Interest Section on Food & Nutrient Toxicology, 1995-98, Chair, Research Interest Section on Dietary Bioactive Components, 2008-09.
Institute of Food Technologists Food Toxicology and Safety Evaluation Division, Executive Committee Member, 2001-2004, 2006-2008, Chair-elect 2008-09, Chair, 2009-10. Nutrition Division Executive Committee Member, 1994-97.
Society of Toxicology, Member, 1994-present. President, Central States Chapter of SOT (CSSOT), 1996-97; Vice President of CSSOT, 1995-96. Councilor, Food Safety Specialty Section, SOT, 2011-2013.
Council on Agricultural Science & Technology, Board Member 2000-2006.
Member, Upper Levels Subcommittee, Dietary Reference Intakes Panel, Food & Nutrition Board, National Academy of Sciences, 2000-2003.
Society of Experimental Biology & Medicine Councilor, 1999-2003.

Journal of Nutrition Editorial Board, 1994-2000.

RESEARCH INTERESTS:

Gut microbial ecology and health; bioavailability, efficacy and safety of dietary phenolics; resistant starches and dietary fibers, efficacy, safety and interactions with gut microbes; mycotoxin risk assessment and immunotoxicity (deoxynivalenol).

Peer-Reviewed Research Impact h-factor:

36, Based on 190 publications in ISI Web of Science (2018), from 1983-2020. Average number of citations/publication: 29, from 4314 citing articles excluding self-citations.

45, Based on 9085 citations of 233 publications in Google Scholar from 1983-2020.

i10 factor: 71 (Web of Science), 84 (Google Scholar)

PUBLICATIONS: 125 total

Hendrich S, Licklider B, Thompson K, Thompson J, Haynes C, Wiersema J. (2018) Development of scientific thinking facilitated by reflective self-assessment in a communication-intensive food science and human nutrition course. *J Food Sci Ed* 17:8-13. doi: 10.1111/1541-4329.12127.

Hendrich S (2017) Starch: Physical and mental performance, and potential health problems. In: *Starch in Food, 2nd Edition*, (Eds. Sjöo M, Nilsson L). Elsevier, San Diego, CA.

Hendrich S, Sachan A (2017) *Food Toxicology: Current and Future Challenges*, (Ed. Hendrich, S, Sachan A) Apple Academic Press, Oakville, Ontario, Canada.

Hendrich S (2017) Mycotoxins. In: *Food Toxicology: Current and Future Challenges*, (Ed. Hendrich, S, Sachan A) Apple Academic Press, Oakville, Ontario, Canada.

Hendrich S (2017) Nutritional, nutraceutical and functional properties of soybeans. In: *Achieving sustainable cultivation of soybeans* (Ed. Prof. Henry T. Nguyen), Burleigh-Dodds Science Publishing, Cambridge, UK.

Haynes, C., J. Thompson, B. Licklider, S. Hendrich, K. Thompson, and J. Wiersema. (2016) Mindset about Intelligence and Connections to Student Effort: Opportunities for Learning and Action. *Natural Sciences Education* 45. doi:10.4195/nse2016.0004.

Hendrich S (2016) Novel Foods. In: Caballero B, Finglas P, Toldrá F (eds.) *The Encyclopedia of Food and Health* vol. 4, pp. 79-83. Oxford: Academic Press.

Wiersema, J. A. , Licklider, B. , Thompson, J. R. , Hendrich, S. , Haynes, C. , Thompson, K. (2015). Mindset about Intelligence and Meaningful and Mindful Effort: It's Not My Hardest Class Any More!. *Learning Communities Research and Practice*, 3(2), Article 3. Available at: <http://washingtoncenter.evergreen.edu/lcrjournal/vol3/iss2/3>.

Li L, Jiang H, Kim H-J, Yum M-Y, Campbell MR, Jane J-L, White PJ, Hendrich S (2015) Increased butyrate production during long-term fermentation of in vitro digested high amylose cornstarch residues with human fecal microbiota. *J Food Sci*, 80: M1997-M2004. DOI: 10.1111/1750-3841.12982.

Ye Z, Arumugam V, Haugabrooks E, Williamson P, Hendrich S (2015) Soluble dietary fiber (Fibersol-2) decreased hunger and increased satiety hormones in humans when ingested with a meal. *Nutr Res* 35: 393-400, doi:10.1016/j.nutres.2015.03.004.

Zhao Y, Ai Y, Li L, Jane J-L, Hendrich S, Birt D (2014) Inhibition of azoxymethane-induced preneoplastic lesions in the rat colon by a stearic acid complexed high-amylose cornstarch using different cooking methods and assessing potential gene targets. *J Funct Fds* 6: 499-512.

Birt D, Boylston T, Hendrich S, Jane, J-L, Hollis J, Li L, McClelland J, Moore S, Phillips G, Rowling M, Schalinske K, Scott MP, Whitley EM (2013). Resistant starch: promise for improving human health. *Adv Nutr* 4: 587-601.

Hendrich S, Birt DF, Li L, Zhao Y. (2013) Colon Health and Resistant Starch: Human Studies and Animal Models. In: Resistant Starch: Sources, Applications and Health Benefits, Maningat O, Shi Y-C, eds., Chicago: IFT Press, p 267-77.

Qiang Z, Hauck C, McCoy J-A, Widrechner M, Reddy MB, Murphy PA, Hendrich S. (2013) *Echinacea sanguinea* and *Echinacea pallida* extracts stimulate glucuronidation and basolateral transfer of Bauer alkaloids 8 and 10 and ketone 24 and inhibit P-glycoprotein transported in Caco-2 cells. *Planta Medica* 79: 266-74.

Kong K, Hendrich S (2012) Glycemic index, insulinemic index, and satiety index of kefir. *J Amer Coll Nutr.* 31: 280-7.

Qiang Z, Lee S-O, Ye Z, Wu X, Hendrich S (2012) Artichoke extract lowered plasma cholesterol and increased fecal bile acids in golden Syrian Hamsters. *Phytother Res* 26: 1048–1052. DOI: 10.1002/ptr.3698.

Zhao Y, Hasjim J, Li L, Jane J-L, Hendrich S, Birt D. (2011) Inhibition of azoxymethane-Induced preneoplastic lesions in the rat colon by a cooked stearic acid complexed high-amylose cornstarch. *J Agric Food Chem* 59: 9700-8. DOI: 10.1021/jf202002c.

Richards Adams IK, Hendrich S, Hausafus CO (2011) Assessment of critical thinking skills in a low-income population: Development of a methodology. *Forum Fam Consum Iss.* <http://ncsu.edu/ffci/publications/2011/v16-n1-2011-spring/adams-hendrich-hausafus.php>

Ye Z, Hong C-O, Lee K, Hostetter J, Wannemuehler MJ, Hendrich S (2011). Plasma caffeic acid is associated with statistical clustering of the anti-colitic efficacy of caffeic acid in dextran sulfate sodium-treated mice. *J Nutr* 141: 1989-95. doi:10.3945/jn.111.142208.

Qiang Z, Ye Z, Hauck C, Murphy P, McCoy J-A, Widrechner M, Reddy MB, Hendrich S (2011), Permeability of rosmarinic acid in *Prunella vulgaris* and ursolic acid in *Salvia officinalis* extracts across Caco-2 cell monolayers. *J Ethnopharmacol* 137: 1107-12. <http://dx.doi.org/10.1016/j.jep.2011.07.037>

Qiang Z, Truong M, Meynen K, Murphy PA, Hendrich S (2011), Efficacy of a mycotoxin binder against dietary fumonisin B1, deoxynivalenol and zearalenone in rats. *J Agric Food Chem* 59: 7527-33.

Renouf M, Hendrich S (2011) *Bacteroides uniformis* is a putative bacterial species associated with the degradation of the isoflavone genistein in human feces. *J Nutr.* 141:1120-6.

Renouf M, Hendrich S. (2011) Lesser in vitro anaerobic cecal isoflavone disappearance rates were associated with greater apparent absorption of daidzein and genistein in Golden Syrian hamsters. *Food Funct.* 2:273-8.

Richards Adams IK, Hausafus CO, Hendrich S. (2010). A critical thinking approach increases offerings of dark green leafy, dark yellow/orange, cruciferous vegetables, and tomatoes in the diets of low-income children. *Forum Fam Cons Iss*, <http://ncsu.edu/ffci/publications/2010/v15-n1-2010-spring/index-v15-n1-march-2010.php>.

Hendrich S (2010) N-3 Fatty Acids: Clinical trials in People with Type 2 Diabetes. *Adv Nutr.* 1: 3-7.

Licklinder B, Hendrich S, Wiersema J, Thompson J, Haynes C. (2010). Developing responsible learners: Ask more than you tell. *J Learning Communities Res*, 5: 77-83.

Hasjim J, Lee S-O, Hendrich S, Setiawan S, Ai Y, Jane, J-L. (2010) Characterization of a novel resistant-starch and its effects on postprandial plasma-glucose and insulin responses. *Cereal Chem* 87: 257-62.

Hendrich S (2010) Battling obesity with resistant starch. *Food Technol* Mar 2010, 23-30.

Simons AL, Renouf M, Murphy PA, Hendrich S. (2010) Greater apparent absorption of flavonoids is associated with lesser human fecal flavonoid disappearance rates. *J Agric Fd Chem* 58:141-147.

Park, H-Y., Nam, M-H., Lee, H-S., Jun, W., Hendrich, S., Lee, K-W. (2010) Isolation of caffeic acid from *Perilla frutescens* and its role in enhancing γ -glutamylcysteine synthetase activity and glutathione level. *Food Chem* 119: 724-30.

- Wu, X., Kohut, M., Cunnick J., Bailey, T., Hendrich S. (2009) Effects of deoxynivalenol on circulating and splenic leukocyte and hematological response in BALB/c mice: dose response and time course. *Food Addit. Contam. A* 26: 1070-80.
- Ye Z, Liu Z, Henderson A, Lee K, Hostetter J, Wannemuehler M, Hendrich S. (2009) Increased CYP4B1 mRNA is associated with the inhibition of dextran sulfate sodium-induced colitis by caffeic acid in mice. *Exp Biol Med* 234: 605-16.
- Hendrich S. Phytoestrogens and phytosterols. (2009) In: *Estrogen disrupting chemicals in food*. Shaw, I. ed. Woodhead Publ. Ltd, Cambridge, UK, pp. 437-458 (Ch. 17).
- Lee S-O, Renouf M, Ye Z, Murphy PA, Hendrich S (2007) The isoflavone glycitein diminished plasma cholesterol in female golden Syrian hamsters. *J Agric Fd Chem* 55: 11063-67.
- Wu, X., Murphy, P., Cunnick. J., Hendrich S. (2007) Synthesis and characterization of deoxynivalenol glucuronide: its comparative immunotoxicity with deoxynivalenol. *Fd Chem Toxicol*, 45: 1846-55.
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- Landgren CA, Kohut ML, Hendrich S (2006) Low-level dietary deoxynivalenol and acute exercise stress result in immunotoxicity in BALB/c mice. *J Immunotoxicol* 3: 173-8.
- Hendrich S, Murphy PA (2006) Isoflavones: Source and Metabolism. In: *Handbook of Nutraceuticals and Functional Foods*, 2nd edition, ed. Wildman, R., CRC Press LLC, Boca Raton, FL, p. 23-54.
- Ye Z, Renouf M, Lee S-O, Hauck CC, Murphy PA, Hendrich S (2006) High urinary isoflavone excretion phenotype decreases plasma cholesterol in Golden Syrian hamsters fed soy protein. *J Nutr* 136: 2773-2778.
- Murphy PA, Hendrich S, Landgren C, Newsome R (ed.) (2006) Understanding mycotoxins. *Food Technol.* 60: 51-58.
- Murphy PA, Hendrich S, Landgren C, Bryant CM (ed.) (2006) *Food Mycotoxins: An Update*. *J Fd. Sci.* 71: R51-R65.
- Renouf M, Lee S-O, Hendrich S (2006) Isoflavone excretion phenotypes influence plasma cholesterol in Golden Syrian hamsters. *Nutr. Res.* 26: 77-83.
- Simons AL, Renouf M, Hendrich S, Murphy PA (2005) Metabolism of glycitein (7,4'-dihydroxy-6-methoxy-isoflavone) by human gut microflora. *J Agric Food Chem* 53: 8519-8525.
- Lee, S.-O., Simons, A. L., Murphy, P., Hendrich, S. (2005) Group B soyasaponins lowered plasma cholesterol and increased fecal bile acids in female Golden Syrian hamsters. *Exp Biol Med* 230: 472-478.
- Wu AH, Stanczyk FZ, Carmen Martinez, Tseng C-C, Hendrich S, Murphy P, Chaikittisilpa S, Stram DO, Pike MC (2005) A controlled 2-mo dietary fat reduction and soy food supplementation study in postmenopausal women. *Am J Clin Nutr* 81:1133-41.
- Simons, A. L., Renouf, M., Hendrich, S., Murphy, P. A. (2005) Human gut microbial degradation of flavonoids: structure-function relationships. *J Agric Food Chem.* 53: 4258-4263.
- Fernández-Surumay G., Osweiler G. D., Yaeger M. J., Rottinghaus, G. E., Hendrich S., Buckley, L. K., Murphy P. A. (2005) Fumonisin B₁-glucose reaction products are less toxic when fed to swine. *J Agric Food Chem* 53: 4264-4271.
- Keino L, Van Wyk R, Hendrich S, Phye G, Thompson A. (2005) Curbing Migration of Talent in Africa: Initiatives for Collaborative Action. *J Family Cons Sci*, 97:65-8.
- Fernández-Surumay G., Osweiler G. D., Yaeger M. J., Hauck C. C., Hendrich S., Murphy P. A. (2004) Glucose reaction with fumonisin B₁ partially reduces its toxicity in swine. *J. Agric. Food Chem* 52: 7732-7739.
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Zheng Y, Lee S-O, Verbruggen MA, Murphy PA, Hendrich S. (2004) Apparent absorption of isoflavone glucosides and aglucons is similar in women and increased with rapid gut transit time and low fecal isoflavone degradation. *J. Nutr.* 134: 2534-2539.

Hu, J., Reddy, M. B., Hendrich, S., Murphy, P. (2004) Soyasaponin I and sapogenol B have limited Caco-2 intestinal cell absorption and bioavailability in women. *J. Nutr.* 134: 1867-1873.

Hendrich, S. (2004) Dietary estrogens. In: *Pesticides, Veterinary and Other Chemical Residues in Foods*, Woodhead Publ. Ltd., Cambridge, UK, pp. 436-472.

Birt, D. F., Hendrich, S., Anthony, M., Alekel, D. L. (2004) Human health benefits of soybeans. *Soy Monograph, Agronomy Monograph No. 16*, 4th edition, pp. 1047-1117.

Song, T. T., Lee, S. O., Murphy, P. A., Hendrich, S. (2003) Soy protein with or without isoflavones, soy germ and soy germ extract, and daidzein lessen plasma cholesterol levels in golden Syrian hamsters. *Exp. Biol. Med.* 228: 1063-1068.

Zheng, Y. L., Hu, J., Murphy, P. A., Alekel, D. L., Franke, W. D., Hendrich, S. (2003) Rapid gut transit time and slow fecal isoflavone disappearance phenotype are associated with greater genistein bioavailability in women. *J. Nutr.* 133: 3110-3116.

Zhang, Y., Murphy P. A., Hendrich, S. (2003) Glucuronides are the main isoflavone metabolites in women. *J. Nutr.* 133: 399-404.

Panel on Dietary Reference Intakes for Macronutrients, Subcommittee on Upper Reference Levels of Nutrients (Munro, I. (chair), Rodricks, J. V., Anderson, G. H., Becking, G., Faustman, E., Hendrich, S., Miller, S. A., Pastides, H., Thomas, J. A., Williams, G. M. (2002). *Dietary Reference Intakes for Energy, Carbohydrate, Fiber, Fat, Fatty Acids, Cholesterol, Protein, and Amino Acids*. Institute of Medicine, National Academies Press, Washington, DC.

Lee, S., Liu, H., Cunnick, J. E., Murphy, P. A., Hendrich, S. (2002) Menhaden oil intake inhibited development of γ -glutamyltransferase-positive altered hepatic foci and hepatic natural killer cell activity during fumonisin B₁-promoted hepatocarcinogenesis in female Sprague-Dawley rats. *Nutr. Cancer* 44: 71-79.

Mallis, R. J., Hamann M. J., Zhao, W., Zhang, T., Hendrich, S., Thomas, J. A. (2002) Irreversible thiol oxidation in carbonic anhydrase III: protection by S-glutathiolation and detection in aging rats. *Biol. Chem.* 383: 649-662.

Hendrich, S. (2002) Bioavailability of isoflavones. *J Chromatog. B* 777: 203-210.

Lu, Y, Clifford, L., Hauck, C.C., Hendrich, S., Osweiler, G., Murphy, P.A. Characterization of Fumonisin B₁-Glucose Reaction Kinetics and Products. (2002) *J. Agric. Food Chem.* 50: 4726-4733.

Hamann, M., Zhang, T., Hendrich, S., Thomas, J. A. (2002) Quantitation of protein sulfinic and sulfonic acid, irreversibly oxidized protein cysteine sites in cellular proteins. *Meth. Enzymol.* 348: 146-156.

Hu, J., Lee, S-O., Hendrich, S., Murphy, P. (2002) Quantification of the Group B Soyasaponins by High Performance Liquid Chromatography. *J. Agric. Food Chem.* 50: 2587-2594.

Murphy, P., Hendrich, S. (2002) Phytoestrogens in foods. *Adv. Food Nutr. Res.* 44: 195-246.

Hendrich, S., Fan, M., Sung, S., Brown, R. C., Lebepe-Mazur, S., Myers, R., Osweiler, G. Toxicity evaluation of polymeric ferric sulfate. (2001) *Int'l J. Envir. Technol. Mgmt.* 1: 464-471.

Birt, D. F., Hendrich, S., Wang, W. (2001) Dietary agents in cancer prevention: flavonoids and isoflavonoids. *Pharmacol. Therapeut.* 90: 157-177.

Liu, H.-J., Lu, Y., Haynes, J. S., Cunnick, J. E., Murphy, P., Hendrich, S. (2001) Reaction of fumonisin with glucose prevents promotion of hepatocarcinogenesis in female F344/N rats while maintaining normal hepatic sphinganine:sphingosine. *J. Agric. Food Chem.* 49: 4113-4121.

Hendrich, S., Fisher, K. (2001) What do we need to know about active ingredients in dietary supplements? Summary of workshop discussion. *J. Nutr.* 131: 1387s-1388s.

Hendrich, S. Murphy, P. A. (2001) Isoflavones: Source and Metabolism. In: *Handbook of Nutraceuticals and Functional Foods*, ed. Wildman, R., CRC Press LLC, Boca Raton, FL, pp 55-75.

Hendrich, S. (2001) Nonnutrient antitoxicants in foods. In: Food Toxicology, ed. Helferich, W., Winter, C., CRC Press LLC, Boca Raton, FL, pp 57-75.

Liu, H., Cunnick, J. E., Hendrich, S. (2000) Opposing effects of prostaglandin E₂ and F_{2α} on rat liver-associated natural killer cell activity in vitro. Prostaglandins, Leukotrienes and Essential Fatty Acids 63:153-158.

Wu, A. H., Stanczyk, F., Hendrich, S., Murphy, P. A., Zhang, C., Wan, P., Pike, M. C. (2000) Effects of soy foods on ovarian function in premenopausal women. Br J Cancer 82, 1879-86.

Xu, X., Wang, H.-J., Murphy, P. A., Hendrich, S. (2000) Neither background diet choice nor type of soy food affect isoflavone bioavailability in women. J. Nutr. 130: 798-801.

Dantzer, W. R., Hopper, J., Mullin, K., Hendrich, S., Murphy, P. A. (1999) Excretion of ¹⁴C-fumonisin B₁, ¹⁴C-hydrolyzed fumonisin B₁ and ¹⁴C-fumonisin B₁-fructose in rats. J. Agric. Food Chem, 47: 4291-4296.

Song, T. T., Hendrich, S., Murphy, P.A. Estrogenic activity of glycitein, a soybean isoflavone. (1999) J. Agric. Food Chem. 47: 1607-1610.

Zhang, Y., Wang, G.-J., Song, T. T., Murphy, P. A., Hendrich, S. (1999) Differences in disposition of the soybean isoflavones, glycitein, daidzein and genistein in humans with moderate fecal isoflavone degradation activity. J. Nutr. 129: 957-962, Erratum (2001) J. Nutr. 131: 147-148.

Zhang, Y., Song, T. T., Cunnick, J. E., Murphy, P. A., Hendrich, S. (1999) Daidzein and genistein glucuronides in vitro are weakly estrogenic and activate human natural killer cells in nutritionally relevant concentrations. J. Nutr. 129: 399-405.

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Hendrich, S. (1997) George Briggs (1919-1989). J. Nutr. 127: 2267-2269.

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Blakely S. R., Rogers, A., Hendrich, S. (1997) Animal diets for long-term nutritional and toxicological studies. J. Nutr. 127: 824s-825s.

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Chai, Y.-C., Jung, C.-H., Lii, C.-K., Ashraf, S. S., Hendrich, S., Thomas, J. A., Wolf, B., Sies, H. (1991) Purification and molecular properties of an S-thiolated 30 kDa rat liver protein. *Arch. Biochem. Biophys.* 284:270-278.

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Xu, Y-H., Campbell, H. A., Sattler, G. A., Hendrich, S., Maronpot, R., Sato, K., Pitot, H. C. (1990) Quantitative stereological analysis of the effects of age and sex on multistage hepatocarcinogenesis in the rat by use of four cytochemical markers. *Cancer Res.* 50:472-479.

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Hendrich, S., Glauert, H.P., Pitot, H.C. (1989) A semipurified diet that suppresses phenobarbital promotion of hepatocarcinogenesis in the rat. *Nutrition and Cancer* 12:249-258.

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Hendrich, S., Glauert, H.P., and Pitot, H.C. (1988) Dietary effects on initiation and promotion of hepatocarcinogenesis in the rat. *J. Cancer Res. Clin. Oncol.* 114(2):149-157.

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Hendrich, S., Glauert, H.P. and Pitot, H.C. (1987) The phenotypic stability of altered hepatic foci: Effects of withdrawal and subsequent readministration of phenobarbital. *Carcinogenesis* 7:2041-2045.

Pitot, H.C., Beer, D.G., Hendrich, S. (1987) Multistage carcinogenesis of the rat hepatocyte. In: Butterworth BE, ed., *Nongenotoxic Mechanisms in Carcinogenesis*, Banbury Report 25. Cold Spring Harbor, NY, pp 41-53.

Hendrich, S. and Bjeldanes, L.F. (1986) Effects of dietary *Schizandra chinensis*, Brussels sprouts, and *Illicium verum* extracts on carcinogen metabolism systems in mouse liver. *Fd. Chem. Toxicol.* 24:903-912.

Hendrich, S. and Bjeldanes, L.F. (1983) Effects of dietary cabbage, Brussels sprouts, *Illicium verum*, *Schizandra chinensis* and alfalfa of the benzo(a)pyrene metabolic system in mouse liver. *Fd. Chem. Toxicol.* 21:479-486.

Abstracts (59 total)

Hendrich S, Thompson J, Haynes C, Gish Hill C, Stokke D, Gabiam N, Licklider B, Wiersema J (2015) REDI to go: useful frameworks to engage student learning in communities. National Learning Communities Conference, Nov 13, 2015, Kansas City, MO.

Shah N, Cray N, Pralle D, Thompson K, Faldet R, Whitley E, Jane J-L, Hendrich S, Birt D (2015) Do Resistant Starches Have Long-Term Protective Effects Against Colorectal Cancer? *FASEB J* April 2015 29:753.3.

Thompson, J., Hendrich, S. Gabiam, N., Hill, C. (2014, Nov.) Risks and rewards of integrative assignments: using different perspectives to explore world hunger. National Learning Communities Conference, Bay City, MI.

Wiersema, J., Licklider, B., Thompson, J., Hendrich, S., Haynes, C. (2014, Oct.). It's not my hardest class anymore. National Conference on Students in Transition, Denver, CO.

Haynes, C., Hendrich, S., Thompson, J., Licklider, B., & Wiersema, J. (2013, June). *Developing growth mindsets and emphasizing effort: Faculty and student development*. Poster

presented at the annual meeting of the North American Colleges and Teachers of Agriculture, Blacksburg, VA.

Haynes, C., Hendrich, S., Thompson, J., Licklider, B., & Wiersema, J. (2013, October). *Developing growth mindsets and emphasizing effort: Faculty and student development*. Poster presented at the National Conference on Students in Transition, Atlanta, GA.

Wiersema, J., Licklider, B., Thompson, J., Hendrich, S., & Haynes, C. (2013, October). *Growth mindsets and productive efforts that lead to increased achievement and learning*. Paper presented at the National Conference on Students in Transition, Atlanta, GA.

Wiersema, J., Licklider, B., Thompson, K., Haynes, C., Thompson, J., & Hendrich, S. (2013, November). *Ripples of effort created waves of achievement*. Poster presented at the National Learning Communities Conference, Corpus Christi, TX.

Thompson, J., Wiersema, J., Thompson, K., Hendrich, S., Licklider, B., & Haynes, C. (2013, November). *Navigation tools for students: Thinking about achievement guides meaningful effort*. Paper presented at the National Learning Communities Conference, Corpus Christi, TX.

Haugabrooks E, Ai Y, Jane J-L, Hendrich S (2013) High Amylose and Stearic Acid-Modified Resistant Starch: Human Post-Prandial Gut Fermentation and Blood Glucose Response *FASEB J April 9, 2013 27:125.8*

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Haugabrooks E, White PJ, Pollak L, Hendrich S. (2011). The effect of digestive resistant starch derived from crossbred maize lines on human blood glucose response, *FASEB J.* 25: 771.14.

Qiang Z, Ye Z, Etsitty N, Hauck C, Murphy P, Reddy M, Hendrich S. 2010. Permeability of rosmarinic acid from *Prunella vulgaris* and ursolic acid from sage extract across Caco-2 cells. *FASEB J.* 24:209.7.

Ye Z, Kong K, Wu X, Lee S-O, Williamson-Hughes P, Hendrich S. 2010. Men and not women showed cholesterol lowering after 12 weeks of supplementation with secoisolariciresinol diglucoside. *FASEB J.* 24:219.8.

Hendrich S, Ye Z, Arumugam V, Haugabrooks E, Williamson-Hughes P. 2010. Fibersol-2 increases subjective and biochemical measures of satiety when ingested with a meal. *FASEB J.* 24:230.8.

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Licklider B, Hendrich S, Wiersema J, Thompson J, Haynes C (2009). Learning in Community: The Power of Community. National Learning Communities Conference, Nov 14, 2009, Marietta, GA.

Licklider B, Hendrich S, Wiersema J, Thompson J, Haynes C (2009). Developing Responsible Learners: Expectations and Accountability Are Key. National Learning Communities Conference, Nov 13, 2009, Marietta, GA.

Licklider B, Hendrich S, Wiersema J, Thompson J, Haynes C (2009). Putting the Learning in Learning Communities. National Learning Communities Conference, Nov 13, 2009, Marietta, GA.

Hendrich, S. (2009) Resistant starch and health. IFT, Anaheim, CA, June 7, 2009.

Ye Z, Rieser E, Li L, Hendrich S. (2009) Identification of bacterial species with phenolic-degrading activity in the human oral cavity. *FASEB J.* 2009 23:345.6.

Hendrich S, Wu X, Cunnick JE, Kohut M. (2008) Age and sex differences in apparent adaptation to immunotoxicity of deoxynivalenol in BALB/c mice. Midwest AOAC meeting, Bozeman, MT, June 10, 2008.

Wu X, Kohut M, Cunnick J, Hendrich S (2008) Sex differences in apparent adaptation to immunotoxicity of deoxynivalenol. Society of Toxicology annual meeting March 17, 2008, Seattle, WA.

Lee SO, Li L, Hendrich S (2008) Blood glucose response to a novel starch. *FASEB J.* 2008 22:460.7.

Zhong Y, Hong CO, Lee K, Hostetter J, Wannemuehler M, Hendrich S. (2008) Variability in caffeic acid protection from dextran sulfate sodium-induced colitis in mice. *FASEB J.* 2008 22:701.2.

Hendrich S (2007) Phenolic bioavailability and gut microbes, Dec. 12, 2007, NIH Symposium on Gut microbes, probiotic and prebiotic research, Rockville, MD.

Lee SO, Wu L, Wurtele ES, Hendrich S (2007) Identification of Bauer alkamide #8 in urine and feces of human subjects ingesting Echinacea root powder. *FASEB J.* 2007 21:232.8.

Zhong Y, Henderson A, Liu Z, Lee K, Lee SO, Wannemuehler MJ, Hendrich S. (2007) Anti-inflammatory effect of caffeic acid, rutin and hypoxoside in C3H mouse model of colitis. *FASEB J.* 2007 21:550.11.

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Simons A, Renouf M, Hendrich S, Murphy P (2005). Human fecal degradation of flavonoids and isoflavonoids: structure-function relationships. *FASEB J* 19: A446.

Renouf M, Simons A, Hendrich S (2005) Identification of isoflavone-degrading microorganisms in human using PCR and denaturing gradient gel electrophoresis (DGGE).. *FASEB J.* 19: A415.

Renouf M, Simons A, Hendrich S (2004) Human fecal isoflavone degradation phenotypes correspond with gut microbial profiles using polymerase chain reaction and denaturing gradient gel electrophoresis. *FASEB Journal* 19: Abstract No. 572.2.

Hendrich S, Zheng Y (2003) Dose dependence of the effect of gut microbial isoflavone degradation rate on isoflavone bioavailability in women. *Exp. Biol.* Abstract No. 688.3, presented 04/14/03, EB, San Diego, CA.

Hu J, Hendrich S, Murphy P (2003) Intestinal absorption and bioavailability of soyasaponin I. *Exp. Biol.* Abstract No. 693.19, presented 04/14/03, EB, San Diego, CA.

Simons AL, Renouf M, Hendrich S, Murphy P (2003) Degradation of soybean aglycons by human gut microflora. *Exp. Biol.* Abstract No. 190.13, presented 04/12/03, EB, San Diego, CA.

Zheng YL, Lee SO, Hu J, Verbruggen M, Murphy PA, Hendrich S. (2002) Comparative bioavailability of isoflavone glucosides v. aglycones in women. *FASEB J.*

Lee, S., Smith, V., Rickert, D., Hu, J., Reuber, M., Hanson, K., Zheng, Y. Lebepe, S., Johnson, L., Alekel, D.L., Lewis, D., Hendrich, S., Murphy, P. (2001). Beta-conglycinin deficient in isoflavones and saponins did not lower plasma cholesterol over time in moderately hypercholesterolemic women. *FASEB J.* 15: A274.

Hendrich S, Lee S-O, Liu H-J, Song T, Hu J, Cunnick J, Murphy P (1999) Fish oil feeding of rats suppressed fumonisin B1 promoted hepatocarcinogenesis but also inhibited liver-associated natural killer cell activity. *FASEB J.* 13: A557.

Song TT, Lee S-O, Hendrich S and Murphy P (1999) Soy protein, with or without isoflavones, and daidzein lower plasma cholesterol in golden Syrian hamsters. *FASEB J.* 13: A49.

Hendrich S, Lu Z, Dantzer W, Song T, Murphy PA. (1998) Society of Toxicology, 3/2/98, Seattle, WA, Suppression of fumonisin B1 promoted rat hepatocarcinogenesis by soy isoflavones depends upon fumonisin B1 dose.

Hendrich S, Xu X, Lu Z, Dickerson S, Cunnick JE, Murphy PA. (1998) Human isoflavone bioavailability during seven days of soymilk feeding and lack of isoflavone effect on natural killer cell activity. *FASEB J* 12: A874.

Hendrich, S; Xu, X; Tew, BY; et al. 1997. Human bioavailability of soybean isoflavones: Influence of diet, dose, time and gut microflora. Abstracts of Papers of the American Chemical Society 213: 133-AGFD.

Hendrich, S; Lu, Z; Dantzer, W; et al. 1997. Soy isoflavones, genistein and daidzein, do not inhibit fumonisin B-1-promoted rat hepatocarcinogenesis. *FASEB J* 11 (3): 2131.

Song, TT; Hendrich, S; Murphy, PA 1997. Estrogenic activity of glycitein, a soy isoflavone. *FASEB J* 11 (3): 3472.

Lee, KW; Thomas, JA; Hendrich, S. 1996. Characterization of S-thiolation of the p1 class of rat glutathione S-transferase. *FASEB J* 10: 4277.

Hopmans EC, Hendrich S, Murphy PA. 1995. Bioavailability of FB-1, hydrolyzed FB-1, and the FB-1-fructose adduct. Abstracts of Papers American Chemical Society 209(1-2):20-AGFD.

Murphy PA, Hendrich S, Hopmans EC, Lu Z, Buseman G, Munkvold G. 1995. Effect of processing on the fumonisin content of corn. Abstracts of Papers American Chemical Society 209(1-2):131-AGFD.

Xu X, Wang HJ, Murphy PA, Hendrich S. 1995. Type of soy food does not affect bioavailability of a single dose of soy isoflavones in women. *FASEB Journal* 9(3):A457.

Lii CK, Thomas JA, Hendrich S. 1992. Western blotting of isoelectric focusing gels—a method to detect oxidative damage to specific proteins. *FASEB Journal* 6(5):A1668.

Hendrich S, Lee KW. 1992. Increasing dietary fat increases rat hepatic glutathione S-transferase activity. *FASEB Journal* 6(4):A1504.

Chen HW, Duitsman P, Cook L, Hendrich S. 1991. Sex differences in hepatic prostaglandin F2-alpha, vitamin E and fatty acid content in F344/N rats. *FASEB Journal* 5(5):A943-A.

Lebepe S, Hendrich S. 1991. Fusarium moniliforme extract fed before a single dose of diethylnitrosamine increases the numbers of placental glutathione S-transferase positive hepatocytes in rat liver. *FASEB Journal* 5(4):A485.

Krueger SK, Hendrich S. 1990. Dietary linoleate and phenobarbital increase rat hepatic prostaglandin F-2-alpha. *FASEB Journal* 4(4):A916.

Hendrich S, Jeffrey M. 1989. Sodium butyrate-induced expression of placental glutathione S-transferase in cultured rat hepatocytes. *FASEB Journal* 3(3):A472-A.

Hendrich S, Glauert HP, Pitot HC. 1988. A semi-purified diet which suppresses phenobarbital promotion of hepatocarcinogenesis in the rat. *FASEB Journal* 2(4):3298-ABSTRACT

Hendrich S, Campbell HA, Pitot HC. 1987. Quantitative stereology of markers of altered foci in hepatocarcinogenesis in the rat. *Federation Proceedings* 46(3):744.

Hendrich S, Pitot HC. 1986. Dietary effects on initiation and promotion during hepatocarcinogenesis in the rat. *Federation Proceedings* 45(4):1088.

Hendrich S, Bjeldanes LF. 1985. Dietary effects on mouse hepatic xenobiotic-metabolizing enzymes and carcinogen mutagenicity. *Federation Proceedings* 44(3):412.

External Grants Obtained: \$16,513,008 total as coPI and PI

Grain Processing Corp., \$23,518, 10/2014-5/2015, TruBran corn bran trials related to satiety. Hendrich S (PI).

Daesang Corp., Seoul, Korea, \$13,369, 1/2013-6/2013, Human metabolism of a resistant starch., Hendrich S (PI).

USDA/HECG, \$140,000, 9/2011-8/2014, Mindset, effort and thinking like a scientist as applied to world hunger. Hendrich S (PI), Licklider B, Thompson J, Wiersema J, Haynes C (CoPIs)

USWBSI, \$25,000, 6/2/2011-6/1/2012, Deoxynivalenol: Human Metabolism of Key Metabolites and Toxicity Predictors, Hendrich S (PI)

NIH/NCCAM, \$248,453, 7/2010-6/2011, Bridge funding for Botanicals Ctr., Birt D (PI), Hendrich S, Co-PI

USAID/CRSP, \$375,000, 10/1/2010-9/2012, Enhancing Nutritional Value and Marketability of Beans through Research and Strengthening Key Value Chain Stakeholders in Uganda and Rwanda, Mazur R (PI), Hendrich S (coPI)

ADM, \$181,237, 7/2008-6/2009, Fibersol-2 clinical trials related to appetite, Hendrich, PI.

Kemin Nutrisure, \$29,928, 1/08-12/08; Efficacy of Mycotoxin Binder (Grainsure E) against Fumonisin, Zearalenone, and Vomitoxin in Rat Feeding, Hendrich, PI.

Grain Processing Corp., \$18,954, 7/07-6/08, Human feeding study of a novel dietary fiber. Hendrich S, PI.

Montavit, \$13,419, 8/07-7/08, Cholesterol lowering by an artichoke extract. Hendrich S, PI.

ADM, \$126,000, 6/07-5/09, Flaxseed lignans for heart health. Hendrich S, PI.

Lifeway Foods, \$33,470, 6/07-5/08, Measuring the glycemic, insulinemic, and satiety index values of three types of kefir, Hendrich, PI.

USDA/CSREES Special Grant (CDFIN/NWRC), \$60,000, 7/07—6/09, Screening system for digestion-resistant starch: effects on human fecal microbes and short-chain fatty acid production. PIs: Hendrich, S., White, P., Pollak, L.

NIH, \$4,400,000, 5/07-4/10, Center for Research on Botanical Dietary Supplements, Birt, D. (PI), Kraus G, Murphy, P., Hendrich S, co-PIs, Analytical core (Hendrich share, \$125,000).

US Wheat Barley Scab Initiative, \$84,000, 6/06-5/09, Biomarkers of low dose immunotoxicity of deoxynivalenol in mice. PI: Hendrich S, Co-I Kohut M.

USDA Higher Education Challenge Grant, 7/05-8/08. Great Plains Distance Education Consortium, PIs, L. Erpelding, D. Acker, P. Vaughn, S. Waller, Collaborator: S. Hendrich (\$23,000).

USDA Higher Education Challenge Grant, Preparing Mindful Professionals and Citizens: A pilot academy for leadership in learning. \$140,393, 7/05-6/08. PI, S. Jungst, Co-PIs, J. Thompson, B. Lickliger, S. Hendrich.

Center for Health Effects of Environmental Contaminants (CHEEC), \$19,500, 9/04-12/05, New approach to environmental immunotoxicant biomonitoring in humans: deoxynivalenol (vomitoxin) as example. PI: Hendrich, S.

USDA/CSREES Special Grant (CDFIN), \$19,500, 7/04—6/05, Structure activity relationships of flavanoids and their correlation with bioavailability PIs: Murphy, P., Hendrich, S.

USDA/CSREES Special Grant (CDFIN), \$15,000, 7/03—6/04, Saponins: cholesterol sponges in the gut? PIs: Hendrich, S, Murphy, P.

NIH/NIEHS, \$6,069,636, 7/02-5/07 Center for Research on Botanical Dietary Supplements, P.I.: Birt, D., Co-PIs (Project 3): Carpenter, S., Kohut, M., Cunnick, J., Murphy, P., Hendrich, S.

USDA/National Needs Fellowships, \$138,000, 10/99--9/03, Food Toxicology & Microbiology Fellowships, CoPIs: Glatz, B., Hendrich, S., Murphy, P., Mendonca, A., Birt, D.

USDA/CSREES Special Grant (CDFIN), \$44,100, 10/00—9/01, Can human isoflavone bioavailability be improved by modifying isoflavone degradation phenotype? PI: Hendrich, S, Co-PIs: Murphy, P., Wang C.

USDA/CSREES Special Grant (CDFIN), \$51,400, 7/99—6/00, “Can β -conglycinin lower blood cholesterol in humans?”, PI: Murphy, CoPI: Hendrich S, Alekel L, Lewis D.

Iowa Soybean Promotion Board, \$31,560, 7/99—6/00, “Can β -conglycinin lower blood cholesterol in humans?”, PI: Murphy, CoPI: Hendrich S, Alekel L, Lewis D.

USDA, Fund for Rural America, \$490,000, 2/98--1/02, “Legume phytochemicals: improving utilization of an important resource for human cancer prevention”, PI: Hendrich, S.

USDA/NRICGP, \$110,000 (1997-00) Detoxification of fumonisin by a simple fructose reaction in corn for food. PI: Hendrich, S., CoPIs: Murphy, P., Osweiler, G., Haynes, J.

Midwest Advanced Food Manufacturing Alliance \$7,970 (1997-98) Can soygerm isoflavones lower blood cholesterol and prevent atherogenesis in hamsters? PI: Hendrich, S., Co-PI: Murphy, P.

USDA/CSREES Special Grant (CDFIN), \$32,100 (1998-99) Improving bioavailability of soybean isoflavones in humans. PI: Hendrich, S., Co-PIs: Murphy, P., Alekel, L., Franke, W.

USDA/CSREES Special Grant (CDFIN) \$84,600 (1997-98) Understanding human protecting ability of soy. PI: Hendrich, S. Co-PIs: Murphy, P., Alekel, L., Reddy, M., Reitmeier, C.

USDA-CSREES Special Grant, \$444,501 (1996-99) Center for Designing Foods to Improve Nutrition, PIs: Hendrich, S., White, P. J.

USDA-CSREES (CDFIN), \$32,400 (1996-97) Defining biomarkers of the health effects of soy. PI: Hendrich, S., CoPI: Murphy P. A.

Midwest Advanced Food Manufacturing Alliance, \$11,000 (includes \$1,000 from Archer-Daniels Midland)(1995-96), Human gut microfloral metabolism and biological effects of soybean isoflavones. PI: Hendrich, CoPI: Murphy PA.

Iowa Soybean Promotion Board, \$62,000 (1994-96), Human health-protective effects of soybean isoflavones. PI: Hendrich, CoPIs: Murphy PA, Cunnick JE

USDA-CSREES (CDFIN), \$62,000 (1994-96) Are soybean isoflavones health protective nutrients? PI: Hendrich, CoPI: Murphy PA.

USDA National Needs Fellowship (1993-96), \$54,000, PIs: Murphy PA, Hendrich S, White PJ, Olson JA.

CATD/Pioneer, \$68,000 (1993-94) Can fumonisins in foods be detoxified? PIs: Hendrich S, Murphy PA, Kraus G, Reynolds D.

HHMI, \$2,200,000 (1992-97) Initiative to Improve Undergraduate Education in Life Sciences (B. White, PI, Co-PIs: S. Hendrich, C. Drewes, J. Mayfield, W. Dolphin).

NIH, \$406,000 (1991-94) Analyses and human bioavailability of soybean isoflavones. PI: Murphy PA, CoPI: Hendrich.

Major Activities in Teaching & Learning

Teaching:

Food Safety and Defense graduate certificate coordinator, 2006-present.

FSHN 495, Nutrition and wellness practicum. 2 cr. (F, Spr; 1-6 students), F 2011-present.

FSHN 203, Issues in food science and human nutrition. 1 cr. (F, Spr; 30 students), Spr 2011-present.

FSHN 529, Foodborne toxicants, 2 cr. (F), online food safety and defense certificate core course, F 2007--present.

FSHN 480, Professional Communication in Food Science and Human Nutrition, 1 cr., 2015-16.

FSHN 419, Foodborne Hazards, 1.5 cr., 20 students (Alt. Spr., since 1998) FSHN

519, Food Toxicology, 3 cr., 10 students (Alt. Fall, since 1989)

Tox 501, Fundamentals of Toxicology, 0.2 cr. (F., 1988-present)

Tox 502, Toxicology Laboratory, 0.4 cr. (Alt. Spr since 1989)

MS in Dietetics, Director of Graduate Education, 2008.

NutrS 501, 3 cr., Macronutrient nutrition and metabolism, carbohydrates section, F 2006, F 2007, F 2008, 25% commitment.

FSHN/NREM 112X, Academy for Leadership in Learning Seminar, 1 cr., 15 students, Spr 2006, Spr 2007, F 2007-2009 (2 cr., co-instructor).

Tox 643, Natural Toxins, 3 cr., (9 students, Spr 2003), co-instructor w/ P. Murphy)

FSHN 489X, Food Safety Minor Capstone Seminar, 1 cr., 15 students (Spr 2003-04, co-instructor w/ B. Glatz)

FSHN 167, Introductory Human Nutrition, 3 cr., 325 students (Spr. 1990—2009)

11 one credit Honors seminars on habits of mind, nutrition, futuring, diversity, including 7 on "Emotional intelligence" (2003-2007, 2009, 2010, 2011, 2013, 2015)

US 150, Dialogues on Diversity, 1 cr. (each semester 1994-97, 1999-2005, except F 2001, S2009), Course initiator.

CFCS Learning Community Orientation, FCEDS 110, R cr. (Fall 1999--2003)

Other related activities:

Project LEARN™ (faculty development group for interactive education) participant, 1997-present.

Faculty Liaison, HHMI High School summer research internship, 1993-96.

Faculty Liaison, NIH Minority High School Biomedical Apprenticeship Program, 1989-95.

Graduate student mentoring—major professor

Susan Krueger, MS, Nutrition, 1989

Andrea Jackson, MS, Nutrition, 1991
 Pamela J. Duitsman, MS, Nutrition, 1991
 Haw-Wen Chen, PhD, Nutrition, 1992
 Chong-Kuei Lii, PhD, Toxicology, 1992
 Semakaleng Lebepe-Mazur, PhD, Toxicology, 1993
 Bee-Yen Tew, MS, Nutrition, 1994
 Kwang-won Lee, PhD, Toxicology, 1995
 Xia Xu, PhD, Toxicology, 1995
 Zhibin Lu, PhD, Nutrition, 1997
 Guijuan Wang, MS, Toxicology, 1997
 Yan Zhang, MS (1997), PhD, Toxicology, 2000
 Hong-Jun Liu, PhD, Toxicology, 2001
 Yan Zheng, MS (2000), PhD, Toxicology, 2004
 Sun-Ok Lee, MS (2000) PhD, Nutrition, 2004
 Mathieu Renouf, PhD, Nutrition, 2005
 Ann Simons, PhD, Toxicology, 2005 (co-major professor)
 Cindy Landgren, PhD, Toxicology, 2005
 Ingrid Adams, PhD, Nutrition, 2006, co-major professor
 Xianai Wu, MS (2006), PhD, Toxicology, 2008
 Zhong Ye, PhD, Toxicology, 2008
 Kailing Kong, MS, Nutrition, 2009
 Li Li, PhD, Genetics, 2010 (co-major professor)
 Zhiyi Qiang, PhD, Toxicology, 2011
 Danielle Alexander, MS, Diet and Exercise, 2012
 Martin Mutambuka, PhD, Food Science, 2013 (co-major professor)
 Esther Haugabrooks, PhD, Toxicology, 2013
 Kirsten Larson, MS, Toxicology, 2014
 Nidhi Shah, MS, Nutritional Sciences, 2017

POS committee member (since 2007)

Tox	Somchai Rice	PhD
Fd Sci	Kelsey Choquette	MS
Tox	Porscha Thomas	PhD
Fd Sci	Danielle Franchetti	MS
Higher Ed	Denise Williams	PhD
Immunobiol	Susan Hodgkins	PhD
Immunobiol	Kelly Haarberg	PhD
HRI	Carol Klitzke	PhD
Nutr	Stephanie Kratzer	MS
Nutr	Huanyi Jiang	MS
Fd Sci	Pradeep Suriya	MS
Tox	Asish Sachan	PhD
Chem	Ganesh Kumar	PhD
Nutr	Brian Kineman	PhD

Iowa State University/College/Departmental Service

Faculty Senate Curriculum Committee, 2013-17.
 CHS Curriculum Committee, Chair, 2013-17.
 CHS Promotion and Tenure Committee, 2013-15.
 ISU Faculty Senate, Past President, 2013-14.
 FSHN Strategic Planning Committee, 2013-15.

FSHN Curriculum Committee, 2011-2017.
 FSHN Outcomes Assessment Committee, 2013-2017.
 FSHN Faculty Search Committee, 2013-2015.
 FSHN International Nutrition Faculty Search Committee, 2011-2013.
 ISU Faculty Senate Past-President, 2013-2014.
 ISU Faculty Senate President, 2012-2013.
 ISU Faculty Senate President-elect, 2012.
 ISU Strategic Planning Goal 2 subcommittee member, 2009-2010.
 CHS Strategic Planning Committee, 2009-2010.
 Faculty Senate Academic Affairs Council Chair, 2006-2012.
 Institutional Review Board (Human subjects protection), 2006-2010.
 Nutrition Wellness Research Center symposium committee, chair, 2007-08, operations
 committee chair, 2007-08, operations committee member, 2007-09, internal steering committee,
 2007-09
 College of Human Sciences Curriculum Committee, 2007-09.
 CHS Academic Standards Committee, 2006-07.
 CHS Promotion and Tenure Committee, 2006-09, Chair.
 FSHN Nutrition Assistant Professor Search Committee Chair, 2006.
 CHS Diversity Committee, 2005-07.
 College of Agriculture and Life Sciences Diversity Committee, 2005-2008.
 FSHN Nutrition Graduate Program Preliminary Examination Committee, 2001-2003, Chair
 2003.
 FSHN Promotion and Tenure Committee, Chair 2010-11, member, 2009-11.
 FSHN Nutrition Faculty Search Committee Chair, 2002, 2005.
 FSHN Computer Resource Committee, 2001-2008 (Chair, 2006-07).
 Chair, CFCS International Committee, 1998-2005.
 Chair, CFCS Computer Resource Committee, 1998-99, 2001-2005.
 Chair, CFCS Strategic Planning Task Force, 2001-2002.
 FSHNcomm, 2000-2002.
 FSHN Awards Committee 1999-2000 (Chair, 2000).
 Chair, CFCS Honors Program and Scholarship Committee, 2000-2005 and CFCS
 Representative to University Honors 1998-2001, Fall 2002-2005.
 ISU Learning Communities Subcommittee on Development, 2000-2001.
 ISU Learning Communities Steering Committee, 1998-99.
 CFCS Representative to Council on International Programs, 1998-99, 2000-2005.
 CFCS Faculty Representative to Computation Advisory Committee, 1998-99, 2000-2005.
 Member, Associate Deans for Undergraduate Programs, 1998-2005.
 ISU Shared Leadership for Institutional Change, 1997-98.
 FSHN Faculty Senator, 1991-97; Chair, Faculty Development/Administrative Relations
 Council 1995-97.
 ISU Athletic Director Search Committee, 1993.
 College of Veterinary Medicine Dean Search Committee, 1992.