

Brian Lindshield

Professor | Associate Department Head | Department of Food, Nutrition, Dietetics and Health
College of Health and Human Sciences | Kansas State University
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PROFESSIONAL EXPERIENCE

Associate Department Head, Department of Food, Nutrition, Dietetics and Health, College of Health and Human Sciences, Kansas State University, 2021-present

Professor, Department of Food, Nutrition, Dietetics and Health, College of Health and Human Sciences, Kansas State University, 2021-present

Associate Professor, Department of Food, Nutrition, Dietetics and Health, College of Health and Human Sciences, Kansas State University, 2014-2021

Assistant Professor, Department of Food, Nutrition, Dietetics and Health, College of Health and Human Sciences, Kansas State University, 2008-2014

Graduate Research Assistant/Graduate Teaching Assistant, Division of Nutritional Sciences, University of Illinois at Urbana-Champaign, 2003-2008

Undergraduate Research Assistant, Kansas State University, 2002-2003

EDUCATION

Doctor of Philosophy, Division of Nutritional Sciences, University of Illinois at Urbana-Champaign (UIUC), 2008.

Dissertation Title: "Lycopene, Selenium, Vitamin E and Prostate Cancer"

Dissertation Advisor: Professor John W. Erdman Jr.

Bachelor of Science in Human Nutrition, with honors, *summa cum laude*, Kansas State University, Manhattan, KS, 2003

Associate of Science, *summa cum laude*, Pratt Community College, Pratt, KS, 2001

TEACHING EXPERIENCE

Instructor, Kansas State University

Human Nutrition (FNDH 400), 2009-Present

-Intermediate undergraduate nutrition course taught on campus in spring and online in fall, spring, & summer.

Science of Food (FNDH 413), Course Coordinator or Instructor, Spring 2021-Spring 2024
Exploring the Health Professions CAT Community Connections Course (DHE 195), 2020-2021

-First year student connection course for a nonresidential CAT community with students taking FNDH 132 and PSYCH 110.

Nutrition and the Health Professions CAT Community Connections Course (DHE 195), 2016-2021

-First year student connection course for a nonresidential CAT community with students taking FNDH 132 and CHM 230.

Professional Communication in Food, Nutrition, Dietetics and Health (FNDH 880), 2010, 2012, 2014, 2021, 2022, 2023

-Teach graduate students presentation skills

Advanced Micronutrient Metabolism (FNDH 812 Team Taught), 2009, 2011, 2013, 2015

-Taught fat-soluble vitamins, calcium, phosphorous, & magnesium

Undergraduate Nutritional Sciences Advisor, 2008-2016.

-Advised department's pre-med, pre-dental major undergraduate students.

Nutrition and Cancer (FNDH 911), 2011

-Graduate student discussion course on current topics in nutrition and cancer

Basic Nutrition (FNDH 132, Fall Semester Course Coordinator), 2009-2010

-Introductory course taught by a GTA, involved in course design, assignment/exam production, & gave feedback to GTA on teaching observations.

Teaching Assistant, Nutritional Biochemistry II, UIUC, 2008

-Presented selenium and vitamin E lectures, constructed and graded tests, assisted students with learning material

Teaching Assistant, Contemporary Nutrition, UIUC, 2007-2008

-Responsible for handling grading program (Compass), student communication, student advisory committee, guest lecturer, and test question submission

Volunteer Teaching Assistant & Guest Lecturer, Nutritional Biochemistry II, UIUC, 2005-2007

-Presented selenium and vitamin E lectures, assisted in test construction and grading

College of ACES Teaching College Graduate, UIUC, 2004

-Program designed to train new faculty members and graduate students

Cadaver Dissection Team, Kansas State University, 2003

-Responsible for teaching anatomy using cadavers

HONORS AND AWARDS

2016-2018 Open Educational Resource Research Fellow

- In 2016, I was selected by the Open Education Group, funded by a grant from the Hewlett Foundation, was one of 21 from 67 applicants selected as a 2016-2018 Open Educational Resource Research Fellow (<http://openedgroup.org/fellowship>). Fellows receive funding to attend two Open Education Conferences, receive training on OER research methods and small stipends for publishing articles.

Top 40 Most Cited Article 2011-2013, Nutrition and Cancer

- Ford, N.A., Elsen, A.C., Zuniga, K., **Lindshield, B.L.**, Erdman, J.W., Jr. Lycopene and apo-12'-lycopenal reduce cell proliferation and alter cell cycle progression in human prostate cancer cells. *Nutr Cancer*. 632: 256-263, 2011.

Academy for Student-Centered Learning Scholar, Kansas State University, 2013

Dannon Nutrition Leadership Institute, 2013

Top 5 Most Cited Article 2009-2011, Archives of Biochemistry and Biophysics

- Erdman, J.W., Ford, N.A., **Lindshield, B.L.** Are the health attributes of lycopene related to its antioxidant function? *Arch Biochem Biophys*, 483: 229-235, 2009.

2012 Study.com People's Choice Award Most Open Resource Finalist

-1 of 3 finalists

http://study.com/articles/Education-Portalcoms_Peoples_Choice_Award_Winner_Most_Open.html

2010 Outstanding Alumnus & Commencement Speaker, Pratt Community College, 2010

Peer Review of Teaching Program, Kansas State University, Spring 2010

Outstanding Faculty Member Award, Lambda Chi Alpha Fraternity, Spring 2010

Wakonse Fellow, 2009

Phi Kappa Phi Member, Inducted 2008

Graduate Student Research Presenter, Nutritional Sciences External Advisory Committee, Sept. 2007

Procter & Gamble Graduate Student Research Abstract Competition Finalist, American Society for Nutrition, 2007

- One of 12 graduate students in US & Canada selected

David H. Baker Nutrition Scholar Award, Division of Nutritional Sciences, UIUC, 2007

-Given to the most outstanding graduate student in Nutritional Sciences

Nutrition Symposium Oral Presentation Winner, Division of Nutritional Sciences, UIUC, 2007

Jonathon Baldwin Turner Fellow, UIUC, 2003-2005

Cancer Research Award, Kansas State University, 2003

NJCAA Distinguished Academic All-American, Pratt Community College, 2001

GRANTS AND CONTRACTS

Extramural

Tailoring evidence-based nutrition-related agricultural intervention and training packages to address nutrition-related post-harvest losses in Food for Education. USDA McGovern-Dole International Food for Education and Child Nutrition Program Proposal. Subaward from Nascent Solution's Food for Education Grant. \$945,000. 2020-2023.

Role: Co-PI, Nutrition Lead.

Packaging Evaluation and Accelerated Shelf Life Studies for Fortified Rice. USDA Foreign Agriculture Service. \$135,000. 2020-2021

Role: Consultant, Nutrition Lead.

Global Hunger and Food Security Research Strategy: Alliance for Food Security through Reduction of Post-Harvest Loss and Food Waste. PI Jagger Harvey. United States Agency for International Development. \$8,500,000. 2014-2018.

Role: Co-PI, Nutrition Cross Cutting Specialist

Novel Sorghum-based Fortified Blended Foods for Infants and Young Children. McGovern-Dole International Food for Education and Child Nutrition Program, Micronutrient Fortified Food Aid Products Pilot (MFFAPP) United States Department of Agriculture (USDA) Foreign Agriculture Service (FAS). \$5,039,856. 2012-2016.

Role: Multiple PI

Intramural

Sustainable and Smart Processing for Delivering Health and Nutrition. KGRIP seed grant. \$100,000. 2023-2024. Kansas State University

Role: Multiple PI

The Kansas State University Open/Alternative Textbook Initiative. K-State Foundation. 2019 All In for K-State Giving Day. \$493,000. 2019-2022 (delayed because of COVID 2020-2023).

Role: Principal PI on this Multiple PI project.

Exercise and nutritional interventions on the prevention of cancer and improving the efficacy of anti-cancer treatments. Johnson Cancer Research Center, Center of Excellence Proposal Planning Grant. \$6,000. 2020-2021.

Role: Multiple PI

Replacing Costly Textbooks: The Open/Alternative Textbook Initiative, Central Administration. \$50,000. 2014-2015.

Role: Multiple PI

Replacing Costly Textbooks: The Open/Alternative Textbook Initiative Renewal, Student Centered-Tuition Enhancement. \$30,000. 2014-2015.

Role: Multiple PI, K-State libraries also contributed \$10,000 to the initiative, thus the total amount of funds available is \$40,000.

HN 812: Advanced Micronutrient Metabolism, Global Campus, \$4,000. 2013.

Role: Multiple-PI, George Wang was the PI for this grant to make this multiple instructor course available online.

Replacing Costly Textbooks: The Open/Alternative Textbook Initiative, Student Centered-Tuition Enhancement. \$50,000. 2013-2014.

Role: Multiple PI, K-State libraries also contributed \$10,000 to the initiative, thus the total amount of funds available is \$60,000.

BioTek Synergy Multifunction HT Plate Reader Equipment Grant, Terry C. Johnson Center for Basic Cancer Research. \$11,000. 2012.

Role: PI, requested along with other department faculty members. This grant matches funds available from Dr. Tona Melgerajo's grant so that the department could purchase an instrument with greater functionality.

5 α -reductase inhibitors for reduction of prostate epithelial cell growth. National Institute of Health Center of Biomedical Research Excellence (COBRE), Epithelial function in health and disease \$189,000. 2009-2012.

Role: PI

5 α -reductase inhibitors for the reduction of prostate tumor growth. Terry C. Johnson Center for Basic Cancer Research. \$25,850. 2009-2010.

Role: PI

PEER-REVIEWED JOURNAL ARTICLES

Ward EJ, **Lindshield BL**. Performance, behavior, and perceptions of an open educational resource derived interactive educational resource by online and campus university students. Res Learn Technol. 28: 2020. 2386. <http://dx.doi.org/10.25304/rlt.v28.2386>

Ward EJ, Suleria HAR, Joseph M, Chambers IV E, Alavi S, **Lindshield BL**. Soy Protein is and Efficacious Alternative to Whey Protein in Sorghum-Soy Fortified Blended Food in Rats. Curr Dev Nutr. 4(8): 2020. <https://doi.org/10.1093/cdn/nzaa115>

Miller M, Middendorf G, Wood S, Lutter S, Jones S, **Lindshield B**. Food Insecurity and Assistance on Campus: A Survey of the Student Body. Online Journal of Rural Research and Policy 14(2): 2019. <https://doi.org/10.4148/1936-0487.1097>

Regier GK, Lilja N, **Lindshield BL**. Nutrient Cost Effectiveness of Fortified Blended Food Aid

Products. Food Nutr Bull. 40(3) 326-339: 2019. <https://doi.org/10.1177/0379572119846331>

Delimont NM, Katz, BB, Fiorentino NM, Kimmel KA, Haub MD, Rosenkranz SK, Tomich JM, **Lindshield BL**. Salivary cystatin SN binds to phytic acid and is a predictor of non-heme iron bioavailability with phytic acid supplementation. Curr Dev Nutr. 3(7): 2019.

<https://doi.org/10.1093/cdn/nzz057>

Delimont NM, Vahl CI, Kayanda R, Msuya W, Mulford M, Alberghine P, Praygo G, Mngara J, Alavi S, **Lindshield BL**. Complementary Feeding of Sorghum-Based and Corn-Based Fortified Blended Foods Results in Similar Iron, Vitamin A and Anthropometric Outcomes in the MFFAPP Tanzania Efficacy Study. Curr Dev Nutr. 3(6): 2019. <https://doi.org/10.1093/cdn/nzz027>

Fiorentino NM, Kimmel KA, Suleria HAR, Joseph M, Alavi S, Beyer RS, **Lindshield BL**. Novel Formulated Fortified Blended Foods Result in Improved Protein Efficiency and Hepatic Iron Levels Compared to CSB+ in Broiler Chickens. Curr Dev Nutr. 2(12): 2018.

<https://doi.org/10.1093/cdn/nzy073>

Penugonda K, Fiorentino N, Alavi S, **Lindshield BL**. Bioavailable Iron and Vitamin A in Newly Formulated, Extruded Corn, Soybean, Sorghum and Cowpea Fortified-Blended Foods in the In-vitro Digestion/Caco-2 Cell Model. Curr Dev Nutr. 2(7): 2018. <https://doi.org/10.1093/cdn/nzy021>

Delimont NM, Fiorentino NM, Kimmel KA, Haub MD, Rosenkranz SK, **Lindshield BL**. Long-term, multiple daily-condensed tannin supplementation in increasing concentrations does not affect iron status or bioavailability: results from the Tannin-dose response trial. Curr Dev Nutr. 1(10): 2017. doi: <https://doi.org/10.3945/cdn.117.001081>

Delimont NM, Rosenkranz SR, Haub M, **Lindshield BL**. Salivary Proline-Rich Proteins May Reduce Tannin-Iron Chelation: A Systematic Narrative Review. Nutr Metab. 14(47): 2017. <https://doi.org/10.1186/s12986-017-0197-z>.

<https://nutritionandmetabolism.biomedcentral.com/articles/10.1186/s12986-017-0197-z>

Opoku-Acheampong AB, Henningson JN, **Lindshield BL**. The Impact of Finasteride and Dutasteride Treatments on Proliferation, Androgen Receptor, Apoptosis, 5 α -Reductase 1 and 5 α -reductase 2 in TRAMP Mouse Prostates. Heliyon. 3(7): 2017.

<https://doi.org/10.1016/j.heliyon.2017.e00360>.

<http://www.sciencedirect.com/science/article/pii/S2405844016325063>

Lashley J, Cummings-Saul R, Bennett A, **Lindshield BL**. Cultivating Textbook Alternatives From the Ground Up: One Public University's Sustainable Model for Open and Alternative Educational Resource Proliferation. Int Rev Res Open Distributed Learn. 18(4): 2017.

<http://dx.doi.org/10.19173/irrodl.v18i4.3010>. <http://www.irrodl.org/index.php/irrodl/article/view/3010>

Delimont NM, Chanadang S, Joseph MV, Rockler BE, Guo Q, Regier GK, Mulford MR, Kayanda R, Range M, Mziray Z, Ambaksye J, Mugyabuso J, Msuya W, Lilja NK, Procter SB, Chambers IV E,

Alavi S, **Lindshield BL**. The MFFAPP Tanzania efficacy study protocol: newly formulated, extruded fortified-blended foods for food aid. *Curr Dev Nutr*. 1(5): 2017. doi: <https://doi.org/10.3945/cdn.116.000315>. <http://cdn.nutrition.org/content/1/5/e000315>

Opoku-Acheampong AB, Henningson JN, **Lindshield BL**. 5 α -reductase 1 mRNA levels are positively correlated with TRAMP mouse prostate most severe lesion scores. *PLOS ONE*. 12(5): e0175874, 2017. <https://doi.org/10.1371/journal.pone.0175874>. <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0175874>

Delimont NM, Fiorentino NM, Opoku-Acheampong AB, Joseph MV, Guo Q, Alavi S, **Lindshield BL**. Newly formulated, extruded sorghum, cowpea, corn, and soy containing fortified-blended foods lead to adequate vitamin A, iron outcomes and improved growth compared with CSB+ in rats. *J Nutr Sci*. 6: e18, 2017. <https://doi.org/10.1017/jns.2017.15>

Delimont NM, Haub M, **Lindshield BL**. The Impact of Tannin Consumption on Iron Bioavailability and Status: A Narrative Review. *Curr Dev in Nutr*. 1(2): 2017. doi: <https://doi.org/10.3945/cdn.116.000042>

Delimont N, Turtle EC, Bennett A, Adhikari K, **Lindshield, BL**. University students and faculty have positive perceptions of open/alternative resources and their utilization in a textbook replacement initiative. *Res Learn Technol*. 24: 29920, 2016. <http://dx.doi.org/10.3402/rlt.v24.29920>. <http://www.tandfonline.com/doi/abs/10.3402/rlt.v24.29920>

Opoku-Acheampong AB, Penugonda K, **Lindshield BL**. Effect of Saw Palmetto Supplements on Androgen-Sensitive LNCaP Human Prostate Cancer Cell Number and Syrian Hamster Flank Organ Growth. *Evid Based Complement Alternat Med*. 2016: 8135135, 2016. doi:10.1155/2016/8135135 <http://www.hindawi.com/journals/ecam/2016/8135135/>

Noriega KE, **Lindshield BL**. Is the Inclusion of Animal Source Foods in Fortified Blended Foods Justified? *Nutrients*. 6(9), 3516-3535, 2014. doi:10.3390/nu6093516 <http://www.mdpi.com/2072-6643/6/9/3516/htm>

Opoku-Acheampong AB, Unis D, Henningson JN, Beck AP, **Lindshield BL**. Preventive and Therapeutic Efficacy of Finasteride and Dutasteride in TRAMP mice. *PLOS ONE*. 8(10): e77738, 2013. doi:10.1371/journal.pone.0077738 <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0077738>

Lindshield BL, Adhikari K. Campus and Online U.S. College Students' Attitudes Toward an Open Educational Resource Course Fee. *Int J High Educ*. 2(4): 42-51, 2013. doi:10.5430/ijhe.v2n4p42 <http://www.sciedu.ca/journal/index.php/ijhe/article/view/3312/2003>

Penugonda K, **Lindshield BL**. Fatty acid and Phytosterol Content of Commercial Saw Palmetto Supplements. *Nutrients*. 5 (9) 3617-3633, 2013. doi:10.3390/nu5093617 <http://www.mdpi.com/2072-6643/5/9/3617>

Lindshield BL, Adhikari K. Online and Campus College Students Like Using an Open Educational Resource Instead of a Traditional Textbook. JOLT. 9(1): 26-38, 2013.
http://jolt.merlot.org/vol9no1/lindshield_0313.htm

Opoku-Acheampong AB, Nelsen MK, Unis D, **Lindshield B.L.** The Effect of Finasteride and Dutasteride on the Growth of WPE1-NA22 Prostate Cancer Xenografts in Nude Mice. PLOS ONE 7(1): e29068, 2012. doi:10.1371/journal.pone.0029068
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0029068#>

Lindshield BL, Adhikari K. The Kansas State University Human Nutrition (HN 400) Flexbook. EDUCAUSE Review Online. 2011.
<https://er.educause.edu/articles/2011/12/the-kansas-state-university-human-nutrition-hn-400-flexbook>

Ford NA, Elsen AC, Zuniga K, **Lindshield BL**, Erdman JW Jr. Lycopene and apo-12'-lycopenal reduce cell proliferation and alter cell cycle progression in human prostate cancer cells. Nutr Cancer. 632: 256-263, 2011.

Lindshield BL, Ford NA, Canene-Adams K, Diamond AM, Wallig MA, Erdman JW Jr. Selenium, but not lycopene or vitamin E, decreases growth of transplantable Dunning R3327-H rat prostate tumors. PLOS ONE. 5(4): e10423, 2010. doi:10.1371/journal.pone.0010423
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0010423>

Erdman JW, Ford NA, **Lindshield BL**. Are the health attributes of lycopene related to its antioxidant function? Arch Biochem Biophys, 483: 229-235, 2009.
doi: 10.1016/j.abb.2008.10.022 <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2745920/>

Lindshield BL, King JL, Wyss A, Goralczyk R, Lu C, Ford NA, Erdman JW Jr. Lycopene biodistribution is altered in 15, 15'-carotenoid monooxygenase knockout mice. J Nutr, 138: 2367-2371, 2008.

Lindshield BL, Canene-Adams K, Erdman JW Jr. Lycopeneoids: are lycopene metabolites bioactive? Arch Biochem Biophys, 458: 136-140, 2007.

Canene-Adams K, **Lindshield BL**, Wang S, Jeffery EH, Clinton SK, Erdman JW Jr. Combinations of tomato and broccoli enhance the anti-tumor activity in Dunning R3327-H prostate adenocarcinomas. Cancer Res, 67: 836-843, 2007.

Campbell JK, Canene-Adams K, **Lindshield BL**, Boileau TW, Clinton SK, Erdman JW Jr. Tomato phytochemicals and prostate cancer risk. J Nutr, 134: 3486S-3492S, 2004.

PEER-REVIEWED JOURNAL EDITORIAL

Lindshield BL. Does the nutrition and food science community value openness? J Hum Nutr Food Sci. 1: 1005, 2013. <https://www.jscimedcentral.com/journal-article-pdfd/Journal-of-Human-Nutrition-and-Food-Science/nutrition-1-1005.pdf>

PEER-REVIEWED BOOK CHAPTERS

Lindshield BL. Using Scholarship of Teaching and Learning and OER Towards Earning Promotion and Tenure at a Research 1 Institution. In: Valuing OER in the Tenure, Promotion, and Reappointment Process. 2024.

<https://pressbooks.cuny.edu/tenureandpromotioncasestudies/chapter/using-sotl-and-oer-towards-earning-promotion-and-tenure/>

Cummings-Saul R, **Lindshield BL.** Development of the Kansas State University Open/Alternative Textbook Initiative Icon. In: Marking OER Courses: Best Practices and Case Studies. 2020.

<https://uta.pressbooks.pub/markinopenandaffordablecourses/chapter/kansas-state-university/>

Alavi S, Ruan S, Adapa SS, Joseph M, **Lindshield B**, and Chilukuri S. Use of grain sorghum in extruded products developed for gluten-free and food aid applications. In Sorghum: State of the Art and Future Perspectives. Eds. Ciampitti, I., and Prasad, V. Agronomy Monograph 58. ASA and CSSA, Madison, WI. 2019.

Lindshield BL. Carotenoids. In: In: JW Erdman Jr., IA MacDonald, SH Zeisel (eds), Present Knowledge in Nutrition, 10th edition, 185-198. International Life Science Institute, 2012.

Lindshield BL, Erdman JW Jr. Carotenoids. In: J.A. Milner, D.F. Romagnolo (eds) Bioactive Compounds and Cancer, 311-334, Springer, 2010.

<http://www.springerlink.com/content/978-1-60761-626-9/#section=720991&page=1&locus=0>

Lindshield BL, Erdman JW Jr. Carotenoids. In: B.A. Bowman and R.M. Russell (eds), Present Knowledge in Nutrition, 9th edition, 184-197. Washington DC: International Life Sciences Institute, 2006.

ABSTRACTS

Ward E, Suleria H, Joseph M, Alavi S, **Lindshield B.** Ferric Pyrophosphate in Extruded, Fortified Rice Leads to Better Iron Outcomes Than Ferric Phosphate in Rats. Nutrition 2019

Ward E, Suleria H, Joseph M, Alavi S, **Lindshield B.** Soy Protein Is an Efficacious Alternative to Whey Protein in Fortified Blended Foods in Rats. Nutrition 2019.

Fiorentino NM, Kimmel KA, Joseph M, Alavi S, Beyer RS, **Lindshield BL.** Newly formulated fortified blended foods result in improved protein quality and iron bioavailability in broiler chickens. FASEB April 2017.

Delimont N, Alavi S, **Lindshield BL**. New formulations for fortified-blended foods: the MFFAPP Tanzania efficacy trial. FASEB April 2017.

Delimont N, Opoku-Acheampong A, Alavi S, **Lindshield BL**. Protein quality and micronutrient availability of extruded corn, soy, sorghum, and cowpea fortified-blended foods FASEB J April 2015 29: 584.5, 2015.

Opoku-Acheampong A, Penugonda K, Fiorentino, NM, **Lindshield BL**. Anti-Androgenic Effect of Fatty Acids and Phytosterols in Saw Palmetto Extract on Growth of Syrian Hamster Androgen-Sensitive Flank Organ FASEB J April 2015 29: 753.15, 2015.

Penugonda K, Alavi S, **Lindshield BL**. Iron Bioavailability of Sorghum, Cowpea, Corn and Soybean Fortified Blended Foods FASEB J April 2015 29: 122.1, 2015.

Lindshield BL, Adhikari K. Online and campus students have positive perceptions of an open educational resource, the Kansas State University Human Nutrition (HN 400) Flexbook. FASEB J, 27: 1064.6, 2013.

Opoku-Acheampong AB, Unis D, Beck AP, Henningson J, **Lindshield BL** The preventive and therapeutic efficacy of finasteride and dutasteride in TRAMP mice. FASEB J, 27: 1104.4, 2013.

Penugonda K, **Lindshield BL**. Fatty acid and phytosterol profiles of commercial saw palmetto supplements. FASEB J, 27: 1079.27, 2013.

Lindshield BL. Kansas State University Human Nutrition (HN 400) Flexbook. Journal of Nutrition and Education Behavior. 43: S4 (Abstract O10), 2011.

Acheampong A, Nelson MK, Unis D, **Lindshield BL**. 5 α -reductase inhibition to decrease prostate tumor growth. FASEB J, 25:225.8, 2011.

Acheampong A, Higgins MK, Dissmore T, **Lindshield BL**. 5 α -reductase inhibition to decrease prostate tumor growth. NIH, NCCR 3rd Biennial National IDeA Symposium of Biomedical Research Excellence (NISBRE). June 16-18, 2010, Bethesda, MD.

Lindshield BL, Zuniga KE, Erdman JW Jr. Do lycopene metabolites/oxidation products inhibit the growth of mouse embryonic fibroblasts through a connexin 43 gap junction independent pathway? Carotenoid Science, 12: 48, 2008.

Erdman JW Jr, Ford NA, **Lindshield BL**. Are health attributes of lycopene related to their antioxidant function? Carotenoid Science, 12: 48, 2008.

Erdman JW Jr, **Lindshield BL**, Canene-Adams K, Clinton SK. Tomato carotenoids and prevention of prostate cancer. J Clin Biochem Nutr, 41:35 (Abstract S05-1), 2007.

Lindshield BL, Ford NA, Canene-Adams K, Wallig MA, Erdman JW Jr. Selenium, but not lycopene or vitamin E, decreases growth of transplantable Dunning R3327-H prostate tumors. FASEB J, 21: A58 (Abstract 112.5), 2007.

Lindshield BL, Ford NA, Canene-Adams K, Wallig MA, Erdman JW Jr. Se-methylselenocysteine, but not lycopene or γ -tocopherol, decreases growth of transplantable Dunning R3327-H prostate tumors. J Nutr, 137: 288S, 2007.

Lindshield BL, Erdman JW Jr. Lycopene treatment reduces proliferation of mouse embryonic fibroblasts via a connexin 43-dependent, but gap junction communication dependent pathway. FASEB J, 20: A1060 (Abstract 669.9), 2006.

King JL, **Lindshield BL**, Wyss A, Goralczyk R, Erdman, JW Jr. Both lycopene and beta-carotene metabolism are altered in BC-15,15'-monooxygenase (CMOI) knock-out mice. FASEB J, 20: A549 (Abstract 369.3), 2006.

Lindshield BL, Canene-Adams K, Clinton SK, Erdman JW Jr. The effect of tomato, broccoli, lycopene, or finasteride treatment on connexin 43, Skp2, or PTEN protein levels in Dunning R-3327-H transplantable prostate tumors. FASEB J, 19: A82 (Abstract 73.6), 2005.

Lindshield BL, Jennings D, Molteni A, Umbehr J, Li T, Xue Y, Reppert S, Wang W, Baybutt RC. Measurement of lung retinoic acid receptors (RARs) in rats exposed to cigarette smoke with or without dietary all-trans retinoic acid (RA). FASEB J, 18: A499 (Abstract 355.5), 2004.

Canene-Adams K, Clinton SK, King JL, Wharton C, **Lindshield BL**, Jeffery E, Erdman JW Jr. The growth of Dunning R-3327-H transplantable prostate adenocarcinoma in rats fed diets containing tomato, broccoli, lycopene, or receiving finasteride treatment. FASEB J, 18: A886 (Abstract 591.4), 2004.

Canene-Adams K, Clinton SK, King JL, **Lindshield BL**, Wharton C, Jeffrey E, Erdman JW Jr. The effect of diets containing tomato, broccoli, or lycopene or finasteride treatment on the growth of Dunning R-3327-H transplantable prostate adenocarcinomas in rats. J Nutr, 12: 3535S, 2004.

SEMINARS/PRESENTATIONS/SHOWCASES

4/25/23 Building Sustainability for OER

Western Interstate Commission for Higher Education OERwest Network Convening

3/8/23 Teaching Without Prepackaged Course Materials: Open Educational Resources and Open Pedagogy

Kansas State Teaching and Learning Center Open Education Week Event

https://youtu.be/_I-fdDaquBE

5/9/22 SOTL: Does anybody Read/Cite It

1st Kansas State University Scholarship of Teaching and Learning Showcase

- 5/9/22 Performance, behavior and perceptions of an open educational resource-derived interactive educational resource by online and campus university students
1st Kansas State University Scholarship of Teaching and Learning Showcase
- 3/9/22 Rome Wasn't Built in Day; Our Open Educational Resources (OERs) & Pedagogy Wasn't Either
Kansas State Teaching and Learning Center Open Education Week Event
<https://www.youtube.com/watch?v=tU1Wjdnc4cY>
- 3/8/22 Interactive OER
Fort Hays State University Open Education Week Event
- 2/17/22 OER 101 for Administrators & Boards
Kansas OER Summit
<https://www.youtube.com/watch?v=b6K88QL05nQ>
- 2/17/22 Interactive OER
Kansas OER Summit
<https://www.youtube.com/watch?v=2hUjGQWmpZ4>
- 2/16/22 Keynote (Welcome, Student Testimony & Kansas OER History) 1 or multiple presenters
Kansas OER Summit
<https://www.youtube.com/watch?v=n6yDDm-9aTI>
- 7/5/21 Summer LibreFest Presentation
Advance Vignettes – LibreTexts with embedded H5P Questions & Dynamic Glossary
https://www.youtube.com/watch?v=oHKCmYf39YI&list=PL83Q_gTbFatTQknn7ZnRlrvbsNOxvZEEA&index=8
- 3/2/21 LibreTexts Open Education Week
A conversation with Prof Brian Lindshield
<https://www.youtube.com/watch?v=acdeTh9Lp4U&t=9s>
- 12/2/20 OER Repositories and Platforms
Kansas Board of Regents OER Steering Committee
https://www.kansasregents.org/academic_affairs/open-educational-resources/oer-conference
- 11/5/20 LibreFest Discipline Specific Presentation Using LibreTexts
https://www.youtube.com/watch?v=6tQ-6FZt1YE&feature=youtu.be&list=PL83Q_gTbFatRwgbrfjbAx6Ge2pWzjLxs
- 9/23/20 Teaching & Learning Center Professional Development Series: Canvas Tips & Tricks
Kansas State University
https://www.youtube.com/watch?v=27G_IYBeZSQ&feature=youtu.be

- 3/23/20 Zoom Exam Monitoring
College of Human Ecology
<https://ksu.zoom.us/rec/share/uuJ7IezJ8l5lf7OXzE7RWbR8R73GX6a8gCIWqfEPxX1ke-4apGdc3LCIKqLxjkw>
Zoom Exam Monitoring
- 3/5/20 Open Education Day
Kansas State University
“Using Canvas as a Classroom Response System”
<https://www.youtube.com/watch?v=6TNATO9WmVA&feature=youtu.be>
- 2/14/20 Open Educational Resource (OER)-Enabled Pedagogy
Faculty Exchange of Teaching Excellence, Kansas State University
Organizer and panelist
- 11/29/18 Midwestern Higher Education Compact OER Policy and Implementation Summit
(Chicago)
Panel of Faculty and Librarians
- 11/20/18 South Dakota System OER Kickoff (Videoconference)
“Cultivating Textbook Alternatives from the Ground Up”
Presented about my experience developing and teaching with OER and engaged faculty there that they would like to use OER in some of their courses.
- 1/17/18 System Council of Chief Academic Officers, Kansas Board of Regents
Open/Alternative Educational Resources
- 11/11/17 Open Education Conference (Anaheim)
Sharing Kansas State University Open/Alternative Textbook Initiative experiences:
hopefully a sustainable institutional model that scales. Is a course fee a game changer
for sustaining and scaling institutional textbook replacement initiatives?
- 10/22/17 Have a Byte Event
Kansas State University
Efficiency and Effectiveness when Teaching On-Campus and Online
<https://youtu.be/s8cBo6k4vo0>
- 5/25/17 School of Biological and Human Population Sciences
Oregon State University
Developing sorghum and cowpea-based fortified blended foods for food aid
- 11/17/16 Department of Biochemistry and Molecular Biophysics
Kansas State University
Newly formulated, extruded fortified-blended foods for food aid: the MFFAPP
Tanzania efficacy study

- 3/22/16 Department of Forestry and Recreation Resources
 Kansas State University
 “Do composition differences in saw palmetto supplements translate to differences in their anti-androgen action?”
- 11/24/15 Department of Dietetics and Nutrition PhD Seminar
 University of Kansas Medical Center
 “Protein quality and micronutrient availability of extruded fortified-blended foods”
- 7/31/15 Open Educational Resource Panel Member
 Big XII Teaching and Learning Conference
- 9/17/14 NISO Webinar E-books for Education Part 2
 Open/Alternative Textbook Initiative, Kansas State University
 Presented with Beth Turtle (K-State Libraries)
- 9/10/14 College of Business Administration Teaching Workshop
 The Open/Alternative Textbook Initiative
 Presented with Andy Bennett (Mathematics) and Beth Turtle (K-State Libraries)
- 3/5/13 Innovations in Teaching & Learning Showcase, Kansas State University
 “Open Educational Resources, Textbook Replacements?”
- 3/4/13 Innovations in Teaching & Learning Workshop Panel, Kansas State University
 “Take 5: Teaching Technologies that Work”
- 9/27/12 IDT Roundtable, Kansas State University
 “E-textbooks and Beyond”
 One of 3 speakers at session.
<http://id.ome.ksu.edu/roundtable/e-textbooks-and-beyond/>
- 3/16/12 Teaching, Learning, and Technology Showcase 2012
 “Using Flexbooks to Supplement/Replace the Traditional Textbook”
- 2/20/12 College of Human Ecology Faculty Meeting
 “Using Google Docs for student collaboration and organization; sign-in not required.”
- 1/11/12 Faculty Exchange for Teaching Excellence (FETE) Teaching Retreat
 “Using Google Docs for student collaboration and organization; sign-in not required.”
- 9/28/11 Axio Learning Conference 2011
 Peer Showcase: “Using flexbooks to supplement/replace the traditional textbook”

7/25/11 Society for Nutrition Education and Behavior Oral Presentation
"Kansas State University Human Nutrition (HN 400) Flexbook"

9/29/10 Axio Learning Conference 2010
"Flexbooks"

3/22/10 Department of Anatomy & Physiology Seminar
"5 α -reductase inhibitors and prostate cancer"

1/12/10 7th annual K-State Teaching Retreat
"Flexbooks: Better than Textbooks?"

11/17/09 Department of Human Nutrition Seminar
"Behind the Curtain - How my Ph.D. really went down & how I got from there to here."

Media sources where I have been quoted or written about

Winter 2022 College of Health and Human Sciences Focus Magazine
The Internet Search
<https://indd.adobe.com/view/c1a105cb-92c0-4f87-9e97-37204a518243>

7/10/22 Medical News Today
Are supplements really the 'superheroes' of self-care?
<https://www.medicalnewstoday.com/articles/are-supplements-really-the-superheroes-of-self-care>

12/16/21 K-State Today Article
Post-Harvest Loss Innovation Lab kicks off \$1M Food for Education project in Malawi
<https://www.k-state.edu/today/announcement/?id=79412>

3/19/19 K-State Collegian Article
Sorghum grain provides answer for food shortages, K-State researchers say
<https://www.kstatecollegian.com/2019/03/19/sorghum-grain-provides-answer-for-food-shortages-k-state-researchers-say/>

11/30/18 K-State Today Article
Ten Kansas State University graduate students earn honors at Research and the State
<https://www.k-state.edu/media/newsreleases/2018-11/researchstate113018.html>

5/4/18 Kansas State Collegian
Open/Alternative Textbook Initiative tackles high cost of college textbooks

<https://www.kstatecollegian.com/2018/05/04/open-alternative-textbook-initiative-tackles-high-cost-of-college-textbooks/>

3/4/18 US News and World Report/AP Story

Kansas Lawmakers Consider Bill to Protect Speech on Campus

<https://www.usnews.com/news/best-states/kansas/articles/2018-03-04/kansas-lawmakers-consider-bill-to-protect-speech-on-campus>

12/4/17 Kansas State University Press Release

Kansas State University student receives national Marshall Scholarship

<https://www.k-state.edu/media/newsreleases/2017-12/marshallsch12417.html>

11/9/17 The Chronicle of Higher Education

To Help Combat Racism, Kansas State U. Will Cancel Classes (for 2 Hours)

https://www.chronicle.com/article/To-Help-Combat-Racism-Kansas/241733?cid=wcontentlist_hp_latest

11/9/17 K-State Today Article

Two Kansas State University students name finalists for prestigious national scholarships

<http://www.k-state.edu/today/announcement.php?id=37870>

10/18/17 KCUR

Enrollment decline means \$12 million budget revision for K-State

<http://kcur.org/post/enrollment-decline-means-12-million-budget-revision-k-state#stream/0>

4/28/17 Manhattan Mercury

K-State officially welcomes President Richard Myers

<http://themercury.com/articles/k-state-officially-welcomes-president-richard-myers>

Spring 2017 K-Stater Magazine (For K-State Alumni Association members)
Open/Alternative Textbook Initiative

2/13/17 Kansas State University Press Release

Below threshold: Nutritionists discuss serious yet common mineral deficiencies

<http://www.k-state.edu/media/newsreleases/2017-02/deficiencies21317.html>

2017 Global Food Systems Video

K-State Research and Extension

<https://www.youtube.com/watch?v=e2xi1V7od8s>

Fall Good for K-State Magazine Article

The Cost Cutters: Attacking affordability through free textbooks

<http://inspire.k-state.edu/your-support-in-action/impact-stories/CostCutters.html>

10/20/16 K-State Today Article

Two students awarded Office of Undergraduate Research & Creative Inquiry grants during SPARK Week

<http://www.k-state.edu/today/announcement.php?id=30150>

9/2/16 Kansas State Collegian

Offsetting the price of textbooks

<http://www.kstatecollegian.com/2016/09/02/offsetting-the-price-of-textbooks/>

9/2/16 Kansas State Collegian

OPINION: Open textbook initiative well-intended; underfunded student service

<http://www.kstatecollegian.com/2016/09/02/opinion-open-textbook-initiative-well-intended-underfunded-student-service/>

11/2/15 Kansas State University News Release

10 Kansas State University graduate students earn honors at Research and the State

<http://www.k-state.edu/media/newsreleases/nov15/researchstate11215.html>

Spring 2015 Perspectives magazine (Kansas State University Publication)

For the sake of our state (Featured article on cover page)

http://www.k-state.edu/perspectives/documents/Perspectives_Newsletter-Spring_2015.pdf

4/27/15 Deseret News National

Universities seek alternatives to expensive textbooks

<http://national.deseretnews.com/article/4212/universities-seek-alternatives-to-expensive-textbooks.html>

2/23/15 Kansas State University Press Release

Two graduate students recognized for research that benefits Kansas

<http://www.k-state.edu/media/newsreleases/feb15/cgrswinner22315.html>

2/17/15 College of Human Ecology Press Release

Penugonda awarded two research scholarships at Topeka summit

<http://www.he.k-state.edu/news/2015/02/17/penugonda-awarded-two-research-scholarships-at-topeka-summit/>

2/11/15 College of Human Ecology Press Release

Three graduate students in human nutrition to participate in state research summit

<http://www.he.k-state.edu/news/2015/02/11/three-graduate-students-in-human-nutrition-to-participate-in-state-research-summit/>

10/30/14 Kansas State University Press Release

Ten graduate students selected as winners at annual research forum

<http://www.k-state.edu/media/newsreleases/oct14/rsrchstate103014.html>

8/20/14 Kansas State University Press Release
Faculty members develop free alternative textbooks to save students money
<http://www.k-state.edu/media/newsreleases/aug14/textbook82014.html>

Summer 2014 Perspectives Magazine (Kansas State University Publication)
Great Grains p18-19
http://www.k-state.edu/perspectives/documents/Perspectives-Summer_2014.pdf

Summer 2014 K-Stater Magazine (For K-State Alumni Association members)
Alumnus fights prostate cancer in lab

6/11/14 Kansas State University Press Release
Nutritionist offers advice on vitamins, dietary supplements
<http://www.k-state.edu/media/newsreleases/jun14/supplements61114.html?id=14474&category=news&referredBy=email>

Spring 2014 College of Human Ecology Focus Magazine
How do dietary supplements reduce cancer risk
<http://www.he.k-state.edu/documents/alumni/newsletters/2014/focus-spring-2014.pdf>

Spring 2014 Kansas State University Johnson Cancer Research Center Conquest Magazine
From drugs to dietary supplements
<http://issuu.com/kstatecancerresearch/docs/conquest/9?e=5614479/7053413>

10/07/13 Nutraingredients-usa.com
Level of actives varies widely among saw palmetto products, researchers find
<http://www.nutraingredients-usa.com/Research/Level-of-actives-varies-widely-among-saw-palmetto-products-researchers-find>

10/3/13 Library Journal
Openness to Textbook Alternatives is Growing | From the Bell Tower
<http://lj.libraryjournal.com/2013/10/opinion/steven-bell/openness-to-textbooks-alternatives-is-growing-from-the-bell-tower/>

9/27/13 College of Human Ecology Press Release
Lindshield helps lead alternative textbook initiative
http://www.he.k-state.edu/news/2013/09/27/lindshield-helps-lead-alternative-textbook-initiative/?utm_source=twitterfeed&utm_medium=twitter

2/25/13 Kansas State Collegian
Club creates campus calorie map; mobile app in works
<http://www.kstatecollegian.com/2013/02/24/club-creates-campus-calorie-map-mobile-app-in-works/>

1/29/13 Kansas State Collegian
Open-sourced 'flexbook' earns K-State educator national acclaim
<http://www.kstatecollegian.com/2013/01/29/open-sourced-flexbook-earns-k-state-educator-national-acclaim/>

9/19/12 College Human Ecology Press Release

Lindshield's flexbook nominated for national people's choice award

<http://www.he.k-state.edu/news/2012/09/19/lindshields-flexbook-nominated-for-national-peoples-choice-award/>

9/12/12 Partnership for Technology Innovation

Providing an Open Resource, Lowering the Financial Burden

<http://partnership4techinnovation.org/providing-an-open-resource-lowering-the-financial-burden/>

8/24/12 Kansas City Star

K-State professor develops textbook flexibility

<http://www.kansascity.com/2012/08/24/3777552/k-state-professor-develops-textbook.html>

Other media outlets where the article was published:

Chicago Tribune: <http://www.chicagotribune.com/business/yourmoney/sns-201208271800--tms--kidmoneyctnsr-a20120827-20120827,0,77297.story>

McClatchy Wire

Sacramento Bee

Sun Herald (Biloxi-Gulfport and Mississippi Gulf Coast

Lexington Herald-Leader

The Telegraph (Georgia)

The South Carolina State

The Olympian (Olympia, Washington)

The Bradenton Herald (Florida)

Bellingham Herald (Washington)

News Observer (Raleigh, North Carolina)

The Modesto Bee (Modesto, California)

The Idaho Statesman (Boise, Idaho)

The Stockton Record (Stockton, California):

The Detroit News

8/16/12 Up to Date KCUR 89.3 (Kansas City NPR station)

The 'Flexbook': A Textbook Replacement

<http://kcur.org/post/flexbook-textbook-replacement>

8/13/12 Kansas State University Press Release

From textbook to flexbook: Professor uses new collaborative tool in the classroom

<http://www.k-state.edu/media/newsreleases/aug12/flexbook81312.html>

Other media outlets that published the release:

Campus Technology: <http://campustechnology.com/articles/2012/08/13/ksu-professor-creates-flexbook.aspx>

Phys.org: <http://phys.org/news/2012-08-textbook-flexbook-professor-collaborative-tool.html>

News Medical: <http://www.news-medical.net/news/20120814/Flexbook-helps-students-save-money-on-course-materials.aspx>

Kansas City infoZine: <http://www.infozine.com/news/stories/op/storiesView/sid/52822/>

8/13/12 K-State Today

Professor's collaborative flexbook nominated for national people's choice award

<http://www.k-state.edu/today/announcement.php?id=4284&category=kudos&referredBy=email>

Summer 2012 K-Stater Magazine (For K-State Alumni Association members)
K-Stater studies drugs, saw palmetto to reduce cancer risk

4/3/12 Kansas State Collegian

Eating enough fruits, vegetables can bolster health

<http://www.kstatecollegian.com/eating-enough-fruits-vegetables-can-bolster-health-1.2724048>

3/7/12 Kansas State Collegian

Spending money for healthy food now could save in the future

<http://www.kstatecollegian.com/news/spending-money-for-healthy-food-now-could-save-in-the-future-1.2712335>

2/22/12 Just In Blog

Lindshield flexes his flexbook muscle and tells how you can, too

<http://updatejustin.wordpress.com/2012/02/22/lindshield-flexes-his-flexbook-muscle-and-tells-how-you-can-too/>

1/23/12 Kansas State University Press Release

Eating smart: Researcher studies foods, dietary supplements that may reduce risk of prostate cancer

<http://www.k-state.edu/media/newsreleases/jan12/prostatecancer12312.html>

12/16/11 K-State Research and Extension Press Release

K-State Chosen for International Research and Development Grant

http://www.ksre.ksu.edu/news/story/sorghum_grant121611.aspx

12/15/10 Issue 16 Axio Quarterly

Flexbooks: What Can They Do For You?

9/14/10 Kansas State Collegian

Eating well not complicated, easy to do

<http://www.kstatecollegian.com/news/eating-well-not-complicated-easy-to-do-1.2328432>

9/9/10 Kansas State Collegian

'Little Debbie diet' may not be so sweet

<http://www.kstatecollegian.com/news/little-debbie-diet-may-not-be-so-sweet-1.2323537>

2/12/10 KTKA 49 Interview

Is dark chocolate really healthier?

Station no longer is operating, the website and story has been taken down.

2/8/10 K-State Press Release Human Ecology Version

Dark chocolate: a healthier dose of affection

<http://www.he.k-state.edu/news/2010/02/08/dark-chocolate-a-healthier-dose-of-affection/>

STUDENT/LAB TRAINING

I. Undergraduate Students Mentored:

1. Abigail Mejia-Sanchez (RiPS Program, Dietetics)
2. Fatima Vital-Caro (Biology), Bridges Program
3. Kevin Loya (Life Sciences), Developing Scholars Program
4. Huy Cam (Seward County Community College) Kansas-Louis Stokes Alliance for Minority Participation (KS-LSAMP) Program Student
5. Rachel Werling (Nutritional Sciences and Dietetics)
6. Orion Razo (Nutrition & Kinesiology)
7. Nick Bouzianis (Nutritional Sciences), Spring 2017 Office of Undergraduate Research & Creative Inquiry Research Award, Morse Scholarship Award Winner
8. Dominic Barker (Biology), Develop Scholars Program Student
9. Hanna Kaempfe (Nutrition and Health)
10. Ayomide Aduloju (Medical Biochemistry)
11. Garrett Wilkinson (Nutritional Sciences), Morse Scholarship Award Winner, 2016 SPARK Tank Event Research Award Winner (Only one at University), 2017 Truman Scholarship Finalist, 2018 Rhodes Scholarship Finalist, 2018 Marshall Scholarship Recipient
12. McKenna Parker (Nutritional Sciences)
13. Nicole Fiorentino (Biology)
14. Katie Kimmel (Nutritional Sciences)
15. Grant Geiger (Nutritional Sciences)
16. Marleen Sanchez (Public Health Nutrition) Bridges & Developing Scholar Program student
17. Irma Ailon (Public Health Nutrition) Bridges & Developing Scholars Program student
18. Geoff Digiacinto (Microbiology), Cancer Research Awardee
19. Johanna Diaz Bridges & Developing Scholars Program student, McNair Scholar
20. JP Sibbitt (Nutritional Sciences) McNair Scholar & 2011 K-State Extraordinary Student Winner
21. Casey McCaw (Public Health Nutrition)
22. Victoria Fort Bridges & Developing Scholars Program student
23. Russ Wolters Nutritional Sciences
24. Melissa Short Public Health Nutrition
25. Areli Monarrez former Bridges & Developing Scholars Program student

II. Graduate Students Mentored

1. Jami Edgell M.S. 2024
2. Jiejia Zhang Ph.D 2024

3. Oluwasanmi Odeniran M.S. 2024
4. Bryanna Hall M.S. 2024
5. Cecilia Rico-Paja M.S. 2024
6. Amanda Smith M.S. 2024
7. Maya Lew M.S. 2023
8. David Akinbo M.S. 2023
9. Morgan Kropp, M.S. 2023
10. Elena Ainscough, M.S. 2022
11. Taren Ford, M.S. 2022
12. Lacey Harter, M.S. 2021
13. Erin Ward, M.S. 2019
2018 Research and the State Winner (1 of 10 at University), 2019 Kansas State University 3 Minute Thesis Finalist (1 of 9 at University), 2019 Department of Food, Nutrition, Dietetics and Health Outstanding Graduate Student
14. Nicole Delimont, Ph.D. 2017
2015 Research and the State Winner (1 or 10 at University), Fall 2016 College of Human Ecology Dissertation Award
15. Nicole Fiorentino, M.S. 2017
16. Kavitha Penugonda, Ph.D. 2015
Fall 2014 College of Human Ecology Dissertation Award, 2014 Research and the State Winner (1 of 10 at University), 2015 Capitol Graduate Research Summit Graduate School Winner (1 or 2 at University) and 2015 Capitol Graduate Research Summit BioKansas Scholarship Winner (only University winner). 2015 New York Academy of Sciences and Pepsico Journey through Science Day (1 of 52 selected from 250 international applicants).
17. Alexander Boadu Opoku-Acheampong, M.S. 2011, Ph.D. 2015
2nd place in the Biological Science Oral Session at the 2011 Kansas State Research Forum, Spring 2014 College of Human Ecology Dissertation Award
18. Kristen Noriega, M.S. 2014

III. Research Assistants

1. Katie Kimmel 2016-2017
2. Dave Unis 2010-2012
3. Michelle Higgins 2009-2010

IV. Post-Doctoral Research Fellow

1. Hafiz Suleria 2017-2018

Graduate Student Committees

1. Sydney Burton M.S. defense committee 2024 (Dr. Kevin Sauer major professor)
2. Celina Trejo M.S. defense committee 2024 (Dr. Martin Talavera major professor)
3. Rossana Mafei M.S. defense committee 2023 (Dr. Weiqun Wang major professor)
4. Cecilia Renard M. S. defense committee 2023 (Dr. Kevin Sauer major professor)

5. Sara Norman M.S. defense committee 2023 (Dr. Linda Yarrow major professor)
6. Kayla Kamen M.S. defense committee 2023 (Dr. Linda Yarrow major professor)
7. Hannah Pacheco M.S. defense committee 2023 (Dr. Linda Yarrow major professor)
8. Avery Kirkman M.S. defense committee 2023 (Dr. Linda Yarrow major professor)
9. Emily Trost M.S. defense committee 2023 (Dr. Linda Yarrow major professor)
10. Jake Anthony M.S. defense committee 2023 (Dr. Kevin Sauer major professor)
11. Katherine Jeffers M.S. defense committee 2023 (Dr. Mark Haub major professor)
12. Alissa Towsley M.S. defense committee 2022 (Dr. Sara Rosenkranz major professor)
13. Mehreen Iftikhar M.S. defense committee 2022 (Dr. Sajid Alavi major professor)
14. Amanda Dorsi M.S. defense committee 2021 (Dr. Mark Haub major professor)
15. Trevor Steele Ph.D. defense committee 2021 (Dr. Sara Rosenkranz major professor)
16. Tesfaye Tadesse Ph.D. defense committee 2018 (Dr. Subramanyam Bhdiraju major professor)
17. Holly Kuckelman M.P.H field report experience committee 2017 (Dr. Sandy Proctor major professor)
18. Bridget Byquist M.P.H. field report experience committee 2017 (Dr. Sara Rosenkranz major professor)
19. Nicole Fiorentino M.S. defense committee 2017
20. Nicole Delimont preliminary examination 2016, Ph.D. defense committee 2017
21. Michael Minnis M.S. defense committee 2015 (Dr. Mark Haub major professor)
22. Michael Joseph preliminary examination 2014 and PhD defense 2016 committees (Dr. Sajid Alavi major professor)
23. Kristen Noriega M.S. defense committee 2014
24. Kavitha Penugonda preliminary examination 2013 and Ph.D. defense 2015 committees
25. Alexander Boadu Opoku-Acheampong preliminary examination 2013 and Ph.D. defense 2015 committees
26. Tzu-Yu Chen M.S. defense committee 2012 (Dr. George Wang major professor)
27. Kate Osei-Boadi preliminary examination 2012 and Ph.D. defense committees 2014 (Dr. Tona Melgarejo major professor)
28. Tixieanna Dissmore preliminary examination committee 2011 (Dr. Denis Medeiros major professor)
29. Alexander Boadu Opoku-Acheampong M.S. defense committee, 2011

VI. Outside Chair

1. Isabella Alvarenga Fall 2020 (Dr. Greg Aldrich major professor)
2. Jesse Stein Summer 2020 (Dr. Katie Heinrich major professor)
3. Nicoleta Ploscariu Spring 2018 (Dr. Brian Geisbrecht major professor)
4. Marcio Antonio Dornelles Goncalves Fall 2015 (Dr. Steven Dritz major professor)
5. Sara Duhachek Muggy Spring 2014 (Dr. Anna Zolkiewska major professor)
6. Emily Archer Sloane 2013 (Dr. Sherry Fleming major professor)

7. Carl Ade 2013 (Dr. Thomas Barstow major professor)
8. Amit Kumar 2011 (Dr. Sanjeev Narayanan major professor)

SERVICE

Past Chair, College Committee on Planning, College of Health and Human Sciences, Kansas State University, 2024-2025

Representative, Kansas Board of Regents Health and Exercise Science Discipline Math Pathway Committee, Kansas State University

Member, Inclusive Access Taskforce, Kansas State University, 2023-present

Member, Course Marking Working Group, Midwest Higher Education Compact, 2023-2024

Member, Strategic Planning Steering Committee, College of Health and Human Sciences, Kansas State University, 2024

Member, Core Team-College Organizational Structure, College of Health and Human Sciences, Kansas State University, 2023

Chair, College Committee on Planning, College of Health and Human Sciences, Kansas State University, 2023-2024

Member, Interim Dean Search Committee, College of Health and Human Sciences, 2023

Member, Promotion and Tenure Committee, FNDH Representative, College of Health and Human Sciences, 2022-2025

Chair, Extension Assistant Professor Search Committee, Department of Food, Nutrition, Dietetics and Health, 2022

Member, Dean Search Committee, College of Health and Human Sciences, 2022

Member, Faculty Advisory Council (became College Committee on Planning in 2023), College of Health and Human Sciences, Kansas State University, 2022-2023

Member, Pre-Professional Advising Center Director Search Committee, 2022

Judge, Early Career Research Award Competition, American Society for Nutrition, 2022

Member, OER Technology Working Group, Midwest Higher Education Compact, 2021-2022

Chair, Salaries and Fringe Benefits Committee, Kansas State University, 2022-2024

Member, Salaries and Fringe Benefits Committee, Kansas State University, 2021-2022

Member, Interim Dean Search Committee, College of Health and Human Sciences, 2021

Member, ASN Publications Request for Proposal Committee, 2021

Member, Scholarly Communication Task Force, Kansas State University, 2019-2021

Co-chair, Nutrition Kansas Core Outcomes Group, Kansas Board of Regents, 2019

Chair, High Enrollment Course OER Subcommittee, Open Educational Resources (OER) Statewide Steering Committee, Kansas Board of Regents, 2023-2024

Chair, Governance and Grants Subcommittee, Open Educational Resources (OER) Statewide Steering Committee, Kansas Board of Regents, 2022-present

Co-chair, Open Educational Resources (OER) Statewide Steering Committee, Kansas Board of Regents, 2021-2022

Chair, Open Educational Resources (OER) Statewide Steering Committee, Kansas Board of Regents, 2019-2021

Past Chair, Faculty Advisory Council, College of Health and Human Sciences, Kansas State University, 2019-2020

Co-Chair, Planning Committee, Department of Food, Nutrition Dietetics and Health, 2021-2022

Chair, Planning Committee, Department of Food, Nutrition Dietetics and Health, 2020-2021

Judge, Postdoctoral Research Award Competition, Nutrition 2019 & Nutrition 2021, American Society for Nutrition

Member, Membership Committee, American Society for Nutrition, 2019-2022

Member, Kansas State OER Action Team, Midwest Higher Education Compact, 2019

Co-chair, Common Core Curriculum & Course Development Committees, College of Human Ecology, 2019

Chair, Minimum Course Enrollment Taskforce, College of Human Ecology 2018-2019

Chair, Ad hoc Committee to Revise the Faculty Senate Constitution 2018-2019

Member, Publications Committee, American Society for Nutrition, 2018-2021

Chair, Faculty Advisory Council, College of Human Ecology, Kansas State University, 2018-2019

Chair, Communications Subgroup, K-State's Higher Learning Initiative Quality Initiative project on First Generation Student Success, Kansas State University, 2018-2020

Faculty Senate Past-President, Kansas State University, 2018-2019

Chair, Tenure and Promotion Document Committee, Department of Food, Nutrition, Dietetics and Health, 2017-2018

OER Advisory Group, Midwest Higher Education Compact, 2017-2019

Member, Utilities and Facilities Cost Pool Team, Kansas State University, 2018

Honorary Degree Committee, Kansas State University, 2017-2018

Tuition and Fees Strategies Committee, Kansas State University, 2017-2018

Academic Infrastructure Working Group Committee, Kansas State University, 2017-2018

SPARK Tank Judge, Kansas State University, 2017

Advisory Board, Cats Cupboard, Kansas State University, 2017-2018

Provost Search Committee, Kansas State University, 2017-2018

Innovation & Inspiration Campaign Internal Steering Committee, Kansas State University, 2017-2018

Academic Editor, Current Developments in Nutrition, American Society for Nutrition 2017-2023.

Faculty Senate President, Kansas State University, 2017-2018

Chair, Council of Faculty Senate President, Kansas Board of Regents, 2017-2018

Chair, W3002 Multistate Research Project "Nutrient Bioavailability Phytonutrients and Beyond", USDA, 2016-2017

Digital Measures Implementation Committee Member, College of Human Ecology, 2016-2017

President's Commission on Multicultural Affairs, Kansas State University, 2016-2017

Faculty Senate President-Elect, Kansas State University, 2016-2017

Pre-Health Advisor Search Committee, College of Human Ecology, 2015-2016

College of Human Ecology Faculty Council, Department of Food, Nutrition, Dietetics and Health, 2015-2016

Faculty Compensation Taskforce, Kansas State University, 2015-2016

Department Head Search Committee, Department of Food, Nutrition, Dietetics, and Health, 2015-2016

College Faculty Senate Caucus Chair & Faculty Senate Executive Committee, College of Human Ecology, Kansas State University, 2015-2016

K-State Online Coach, 2015-2019 (Merged with Advisory Council)
Chair, Physical Inactivity Research Assistant Professor Search Committee, Department of Food, Nutrition, Dietetics and Health, 2014
K-State Online Advisory Council, Kansas State University, 2014-2019
Open/Alternative Textbook Initiative, Kansas State University, 2013-Present
Canvas Pre-Pilot and Pilot, Kansas State University, 2013-2014
Office 365 Steering Committee, Kansas State University, 2013-2014
Chair, ASN Diet and Cancer Animal Studies Minisymposium, Experimental Biology, 2013
Judge, K-State Research Forum and/or Research and the State, 2010-2011, 2013-2015
Webmaster Search Committee, College of Human Ecology, 2012-2013
Email Upgrade Committee, College of Human Ecology Representative, Kansas State University, 2012
Public Health Nutrition Curriculum Taskforce, Department of Food, Nutrition, Dietetics and Health, 2012
 -New curriculum with new name, Nutrition and Health, began fall 2013
Learning Library Subcommittee, ASN, 2012-2015
Faculty Senator, College of Human Ecology Representative, Kansas State University, 2012-2019
Faculty Senate Committee on Technology, College of Human Ecology Representative, Kansas State University, 2012-2015
Past Chair, ASN Diet and Cancer Research Interest Section, 2012-2013
Interim Faculty Senate Committee on Technology, College of Human Ecology Representative, Kansas State University, 2012
Chair, ASN Diet and Cancer Helpful or Harmful: Soy, Isoflavones and Cancer Risk Symposium, Experimental Biology, 2012
K-State 2025 Graduate Scholarly Experience Committee, College of Human Ecology, 2012
Chair, ASN Diet and Cancer Research Interest Section, 2011-2012
Department Head Search Committee, Department of Food, Nutrition, Dietetics and Health, 2011-2012
Webmaster & Social Media Director, Department of Food, Nutrition, Dietetics and Health, 2012-2020
Website Committee, Department of Food, Nutrition, Dietetics and Health, 2011-2012
Curriculum Task Force, College of Human Ecology, 2011
Advisor, Nutritional Sciences Majors, 2008-2016
Advisor, Health & Nutrition Society (Student Interest Group), 2009-2015
M.P.H. Graduate Faculty, 2010-Present
Chair-Elect, ASN Diet and Cancer Research Interest Section, 2010-2011
Co-Chair, ASN Diet and Cancer, Micronutrients and Bioactive Compounds Minisymposium, Experimental Biology, 2010
Academic Affairs Committee, College of Human Ecology, Kansas State University, 2009-2011
Mentor, NIH Bridges to the Future Program, 2009-present
Mentor, K-State Developing Scholars Program, 2009-present

OUTREACH/OTHER PUBLICATIONS

Take 5: A 5-minute video on Open Educational Resources

<http://ome.ksu.edu/webcast/itac/take5/lindshield.html>

Campus Calorie Map, Health & Nutrition Society.

<http://www.he.k-state.edu/hn/resources/Campus%20Calorie%20Map.pdf>

-I advised the students in the Health & Nutrition Society on the development of this resource.

Kansas State University Department of Human Nutrition Youth & Teen Basketball Nutrition Handout. 2012.

<http://www.he.k-state.edu/hn/resources/Youth%20and%20Teen%20Basketball%20Nutrition%20Handout.pdf>

-I was asked by my former junior college basketball coach to put together a handout for him to use for basketball players at his clinics. I put together an original draft and then worked with Mark Haub, Tanda Kidd, Ric Rosenkranz, and Sara Rosenkranz to produce the handout.

Lindshield B.L., Human Nutrition (Lindshield)

[https://med.libretexts.org/Courses/Kansas_State_University/Book%3A_Human_Nutrition_\(Lindshield\)](https://med.libretexts.org/Courses/Kansas_State_University/Book%3A_Human_Nutrition_(Lindshield))

Lindshield, B.L., and Erdman, J.W., Jr. Update on Carotenoids. In: A. Bowley (ed), Nutriview, pp 3-4, 2006.

Lindshield, B.L., Keck, A.S., Erdman, J.W., Jr. Tomato and Cancer Prevention Module In: Functional Foods and Cancer Prevention I: 2005.

-Continuing education credit for nurses and dietitians

PROFESSIONAL ORGANIZATIONS

American Society for Nutrition (2003-present)

Society for Nutrition Education and Behavior (2011)