

## CURRICULUM VITAE

### Personal Information:

Name: Reza Hakkak, PhD

Title: Professor and Chair, Department of Dietetics and Nutrition, and Associate Dean for Research, College of Health Professions  
Professor, Department of Pediatrics, College of Medicine  
Professor, Health Policy and Management, College of Public Health  
University of Arkansas for Medical Sciences

Contact Information:	Work Address: Department of Dietetics and Nutrition University of Arkansas for Medical Sciences 4301 W. Markham Street Little Rock, AR 72205	Home Address: 12680 Rivercrest Drive Little Rock, AR 72212  Home telephone - 501-221-9070
----------------------	--	---

Office telephone	Laboratory telephone	Facsimile
501-686-6166	501-364-4539	501-686-5716
501-364-4575	501-364-4552	501-364-6291

E-mail: hakkakreza@uams.edu

Citizenship: United States

### **Academic Training:**

#### Postgraduate

1990-1993	University of Arkansas for Medical Sciences, Instructor Department of Pediatrics, College of Medicine
1987-1990	University of Arkansas for Medical Sciences, Arkansas Cancer Research Center, Research Associate in Division of Endocrinology and Metabolism, College of Medicine

#### Graduate

- 1981-1986      PhD, Nutrition, Department of Animal Science, University of Arkansas, Fayetteville, Arkansas
- 1980-1981      MS, Nutrition, College of Agriculture, Tarleton State University, Texas A&M System, Stephenville, Texas

Undergraduate

- 1973-1977      BS, Animal Science, College of Agriculture, University of Sari, Sari, Iran

**Professional Experience:**

- 7/1/2018 – present      Associate Dean for Research, College of Health Professions, University of Arkansas for Medical Sciences, Little Rock, AR
- 1/12/2011 - present      Graduate Faculty, Department of Applied Science, University of Arkansas, Little Rock, Arkansas
- 1/7/2007 - present      Professor, Division of Gastroenterology, Hepatology and Nutrition, Department of Pediatrics, College of Medicine, University of Arkansas for Medical Sciences, Arkansas Children’s Hospital Research Institute, Little Rock, Arkansas
- 3/1/2005 - present      Professor, Department of Health Policy and Management, College of Public Health, University of Arkansas for Medical Sciences, Little Rock, Arkansas
- 7/1/2004 - present      Professor, Department of Dietetics and Nutrition, College of Health Related Professions, University of Arkansas for Medical Sciences, Little Rock, Arkansas
- 1/2/2003-6/30/2007      Associate Professor, Division of Gastroenterology, Department of Pediatrics, College of Medicine, University of Arkansas for Medical Sciences, Arkansas Children’s Hospital Research Institute, Little Rock, Arkansas
- 7/1/2000-6/30/2004      Associate Professor with Tenure, Department of Dietetics and Nutrition, College of Health-Related Professions, University of Arkansas for Medical Sciences, Little Rock, Arkansas
- 7/1/2002-3/1/2005      Associate Professor; College of Public Health, University of Arkansas for Medical Sciences, Little Rock, Arkansas
- 7/1/2002 - present      Graduate Faculty, Graduate Interdisciplinary program, Department of Public Policy, University of Arkansas, Fayetteville, Arkansas
- 7/1/2001-7/1/2002      Inaugural Professor; College of Public Health, University of Arkansas for Medical Sciences, Little Rock, Arkansas
- 7/1/2000-6/30/2007      Associate Professor, Department of Pediatrics, College of Medicine, University of Arkansas for Medical Sciences, Arkansas Children’s Hospital Research Institute, Little Rock, Arkansas

9/1/1998- present Chairman, Department of Dietetics and Nutrition, College of Health Related Professions, University of Arkansas for Medical Sciences, Little Rock, Arkansas

5/1/1998-8/31/1998 Acting Chairman, Department of Dietetics and Nutrition, College of Health Related Professions, University of Arkansas for Medical Sciences, Little Rock, Arkansas

1/2/1997-12/2/2002 Senior Nutrition Scientist, Arkansas Children's Nutrition Center, University of Arkansas for Medical Sciences, Little Rock, Arkansas

1994 – present Member, Winthrop P. Rockefeller Cancer Institute, University of Arkansas for Medical Sciences, Little Rock, Arkansas

1993-2000 Assistant Professor, Department of Dietetics and Nutrition, College of Health Related Professions, University of Arkansas for Medical Sciences, Little Rock, Arkansas

1993-2000 Assistant Professor, Department of Pediatrics, College of Medicine, University of Arkansas for Medical Sciences, Arkansas Children's Hospital Research Institute, Little Rock, Arkansas

1990-1993 Instructor, Department of Pediatrics, University of Arkansas for Medical Sciences and Arkansas Children's Hospital, Little Rock, Arkansas

1987-1990 Research Associate, Arkansas Cancer Research Center, Division of Endocrinology and Metabolism, University of Arkansas for Medical Sciences, Little Rock, Arkansas

1987 Nutritionist, National Center for Toxicology Research, Food and Drug Administration, Jefferson, Arkansas

1981-1986 Graduate Assistant, Department of Animal Sciences, University of Arkansas, Fayetteville, Arkansas

1980-1981 Graduate Assistant, Department of Agriculture, Tarleton State University, Stephenville, Texas

1975-1977 Laboratory Teaching Assistant, Department of Chemistry, University of Sari, Sari, Iran

**Honors:**

2001 - present Member, Arkansas Obesity Task Force

2002 Member, Research Infrastructure, College of Public Health

2003 Member, Department of Pediatrics Obesity Research group

2003 - present Ad hoc Reviewer, National Cancer Institute

2004 Member, UAMS Obesity Center Steering Committee

2005 Most Distinguished Graduate, University of Arkansas

2005 - present Ex-Officio Board Member, Arkansas Department of Agriculture

2011- present Member of Winthrop P. Rockefeller Cancer Institute Cancer Control and Population Sciences group

2013 Excellent in Scholarship Award, College of Health Profession, UAMS

### **Professional Society Memberships:**

2007 - present	Member, European Society for Clinical Nutrition and Metabolism
2005 - present	Member, North American Association for the Study of Obesity (NAASO), Obesity Society
2005 - present	American Society for Nutrition (formerly American Society for Nutritional Sciences and American Society for Clinical Nutrition)
2003 - present	Member, American Society of Nutrition Science and Cancer Research section
2002	Who's Who in Medicine and Healthcare
2002-2005	American Society for Nutritional Sciences
2002-2005	American Society for Clinical Nutrition
2000 - 2010	Sigma Xi, Scientific Research Society
1997 - present	American Association for Cancer Research
1994-2005	International Society for the Study of Xenobiotics
1994 - present	Winthrop P. Rockefeller Cancer Institute
1993 - 2010	Society of Toxicology
1993 - 2010	South Central Chapter, Society of Toxicology
1992-1999	American Society of Parenteral and Enteral Nutrition
1992-1999	Arkansas Chapter, Parental and Enteral Nutrition

### **Review Activities:**

Grant reviewer:	National Institutes of Health, National Cancer Institute (2003)
	Susan G. Komen Breast Cancer Foundation (Breast Cancer Disparities 2006-2007)
	Susan G. Komen for the Cure (Chemoprevention Review Committee, 2008-2009)
	Susan G. Komen for the Cure, Scientific Peer Review committee (Postdoctoral Fellowship, 2010)
	United States Department of Agriculture (Bioactive Foods Study Section, 2007-2010)
	Department of Defense Breast Cancer Research Program (Epidemiology and Health, 2010)
	Susan G. Komen for the Cure, Scientific Peer Review committee (Diagnostic Therapies training Fellowship, 2011)
	Department of Defense Breast Cancer Research Program (Postdoctoral Fellowship, 2011)
	UAMS Translational Research Institute, Pilot application (2011)
	UAMS Medical Research Endowment (2014-present)

Singapore Cancer Center grant reviewer (2016-present)  
Graduate Women in Science Fellowships (University of Texas at Austin)  
Grant reviewer for Arkansas Children Research Institute (2018-present)  
Grant Reviewer for Robert Wood Johnson Foundation (April 2019)  
Grant Reviewer Request for Marion B. Lyon New Scientist Development Award at ACRI (February 2018-present)  
Pilot Grant Reviewer for Winthrop P. Rockefeller Cancer Institute (2021-present)

**Editorial Board:**

**Current:**

*Annals of Nutrition and Metabolism (2010-present)*  
*Oncology Letters (2010-present)*  
*Open Journal of Pathology (2010-present)*  
*Experimental and Therapeutic Medicine (2019-present)*

**Associate Editor:**

*Frontiers Diabetes Nutrition and Dietetics (2020-present)*

**Founder and Editor in Chief:**

*Journal of Obesity and Chronic Diseases (1/2/2015-present)*

**Past:**

*Journal of Nutritional Disorders & Therapy (2011-12/2015)*  
*Journal of Clinical Trials (2012-2016)*  
*Journal of Obesity and Weight Loss Therapy (2012-4/1/2016)*  
*Journal of Endocrinology & Metabolic Syndrome (2012-2016)*  
*Metabolic Syndrome (2012-2016)*  
*Journal of Molecular and Genetic Medicine (2013-4/1/2016)*

**Senior Editor:**

*Journal of Cancer Science and Therapy (1/2013-4/1/2016)*

**Editor in Chief:**

*Journal of Obesity and Weight Loss Therapy (4/2012-4/1/2016)*  
*Vitamins & Minerals (4/2012-12/2015)*

**Guest Editor:**

Biomedicines; Special issue "Influence of Diet and Obesity on Prevention or Promotion of Diseases." October 2018-July 2019.

**Peer Review Journals:**

*Nutrition (1997 - present)*  
*Alcoholism Clinical and Experimental Research (1998 - present)*

*Carcinogenesis (2001 - present)*  
*Cancer Letter (2002 - present)*  
*Nutrition and Cancer (2002 - present)*  
*Journal of the Science of Food and Agriculture (2003 - present)*  
*Journal of Food Science (2004 - present)*  
*Elsevier Clinical Nutrition (2007 - present)*  
*Elsevier e-SPEN (2007 - present)*  
*Environmental Health Perspectives (2009 - present)*  
*International Journal of Experimental Pathology (2009 - present)*  
*Expert Opinion on Investigational Drugs (2009 - present)*  
*Annals of Nutrition and Metabolism (2009 - present)*  
*Oncology Letters (2010-present)*  
*British J Nutrition (2010-present)*  
*Journal of Nutritional Disorders & Therapy (2011-2016)*  
*Nutrition research (2011-present)*  
*Journal of Clinical Trails (2011-present)*  
*Journal of Obesity and Weight Loss Therapy (2011-2016)*  
*Metabolism (2012-present)*  
*International Journal of Obesity (2012 - present)*  
*Proceedings of the National Academy of Sciences of the United States of America (2013-present)*  
*Osteoporosis International (2013 – present)*  
*AgroFOOD Industry Hi Tech (2013 – present)*  
*International Journal of Women's Health (2013 – present)*  
*Journal of Immunoassay & Immunochemistry (2014 – present)*  
*J Food and Function (2014 – present)*  
*J Nutritional Biochemistry (2014 – present)*  
*Metabolites (2015 – present)*  
*Cancer Prevention Research (2015 – present)*  
*Food and chemical Toxicology (2016 – present)*  
*Molecular Nutrition and Food Research (2016 – present)*  
*British J of Cancer (2016 – present)*  
*Global Journal of Health Science (2016 – present)*  
*Molecular Medicine Reports (2017 – present)*  
*Current Vascular Pharmacology (2017 – present)*  
*Folia Biologica-Krakow (2017 – present)*  
*Journal of Human Nutrition and Dietetics (2017 – present)*  
*Clinical and Experimental Medicine (2017 – present)*  
*Endocrine (2017 – present)*  
*J Medicinal Food (2017 – present)*  
*International Journal of Autism & Related Disabilities (2017 – present)*

*Cancer Prevention Research (2017 – present)*  
*Journal of Proteome Research (2018 – present)*  
*Cancer and Clinical Oncology (2019 – present)*

*Frontiers Nutrition (2020-present)*

### **Funded grants:**

**Translational Workforce Development Leader:** Expanding Translational Research in Arkansas: National Center for Advancing Translational Science: PI, Laura James, MD., \$24,221,701.00, UL1 TR003107 (7/1/19 - 6/30/24).

**Principal Investigator:** Obesity, gut microbiota and Non-Alcoholic Fatty Liver Protection in Adolescents and Adults by Soy Protein Diet. USDA, \$500,000.00 (4/1/2020-3/31/2024).

### **Past Support:**

**Principal Investigator:** Prevention of adolescent obesity-associated liver steatosis via metformin-induced alteration in the gut microbiota. ACRI, ABI, \$75,000.00 (11/1/2018-6/31/2022).

**Principal Investigator:** Metformin exerts immunomodulatory effects in Obese Zucker rats, which are mediated through the metabolic control pathways, AMPK and mTOR. Chancellor End of Year Fund, \$8,350.00 (6/1-6/30/2019).

**Co-Investigator:** Global Expression Pathway Analysis Training: Target Obesity. U of A Chancellor Challenge Seed Grant program, \$ \$76,977.00; PI Walter Bottje, Ph.D., Professor of Physiology Department of Poultry Science University of Arkansas (Oct 1, 2017 to Sept. 30, 2019).

**Co-Investigator:** Role of mitochondrial hormone receptors in bioenergetics and obesity. Arkansas Bioscience Institute, \$ 49,835.00; PI Walter Bottje, Ph.D., Professor of Physiology Department of Poultry Science University of Arkansas (1/7/2016-6/30/2017). This grant was renewed for 49,335.00 for 1/7/017-6/30/2018.

**Principal Investigator:** Effects of low and high doses of daidzein supplementation on gut microbiota and equol production in obese rats. The College of Medicine's University Medical Group (CUMG), \$40,000.00 (8/1/2015-5/31/2018).

**Principal Investigator:** Obesity, Soy Diet and Gut Microbiota. The College of Medicine's University Medical Group (CUMG), \$40,000.00 (1/2/2012-11/30/2014).

**Principal Investigator:** Obesity and Liver Steatosis Protection by Soy Protein Diet in Adolescents and Adults. Arkansas Bioscience Institute, \$50,000.00 (1/2/2012-5/30/2014).

**Principal Investigator:** Effects of dehydroepiandrosterone (DHEA) as an anti-obesity dietary supplement on breast cancer development in pre and postmenopausal women using the obese Zucker rat model. Arkansas Bioscience Institute, 5% effort, \$50,000.00, 2007-2010.

**Principal Investigator:** Soy Isoflavones and Mammary Tumor Protection in Obese Zucker Rats. USDA, 15% effort, \$100,000.00, 12/1/2006-11/30/2008.

**Principal Investigator:** A new animal model for breast cancer development in obese post-menopausal women: Mechanisms and role of diet. Susan G. Komen Breast Cancer Foundation, 24% effort, \$250,000.00, 2005-2008.

**Co-Investigator:** UAMS Nutrition and Cardiovascular Disease Prevention Project (R. Khan, PI). National Heart, Lung and Blood Institute, 10% effort, \$750,000.00, 2000-2005.

**Principal Investigator:** Obesity and risk of mammary tumor development in rats. UAMS/CUMG, 40% effort (no salary), \$20,000.00, 2004-2005.

**Co-Investigator:** Animal model of microgravity: Studies on structure-function relationships of cardiovascular, gastrointestinal and brain tissue (P. Chowdhury, PI). Arkansas Space Grant Consortium Project, 5% effort, \$45,000.00, 3/01/2002-2/28/2005.

**Principal Investigator:** State of Arkansas Tobacco Funds; \$49,196.00, 2/01/03-06/30/03.

**Co-Investigator:** Dietary factors in early human development: Health consequences of phytochemical intake (Badger, PI). USDA, 50% effort, \$1,900,000.00, 1997-2002.

**Co-Investigator:** Alcohol: Direct and indirect effects on drug metabolism (T. Badger, PI). NIAAA, 25% effort, \$1,764,935.00, 1998-2000.

**Principal Investigator:** The effects of alcohol and nutrition on gastrointestinal tumorigenesis: UAMS. American Cancer Society Institutional Grant; \$10,000.00, 1993-1994.

#### **Graduate student Grant Awards:**

1. Alisa Brown, MS, RD. (06/2007-05/2008)  
Source: UAMS Arkansas Cancer Research Center (ACRC)  
Amount: \$4,800.00
2. Laura Jill Richmond, BS. (01/2011)  
Source: Dairy Max  
Title: Expanding Dairy consumption in Texarkana Independent School District  
Amount: \$44,122.00
3. Andrea Bell., MS, RD, LD  
Source: Arkansas Children's Research Institute  
Title: The Effects of a high and low daidzein diet on serum leptin and adiponectin levels in obese rats.  
Amount: \$1,900.00 (01/04-30/11/016)

#### **Peer-reviewed papers:**

1. Li W, Twaddle N, Spray B, Nounamo B, Monzavi-Karbassi and **R Hakkak**. Feeding soy protein concentrate with low and high isoflavones alters 9 and 18 weeks serum isoflavones and inflammatory protein levels in lean and obese zucker rats. J Med Food., 36 (3) 2023, 1-8. <https://doi.org/10.1089/jmf.2022.0100>
2. **Hakkak R**, Spray B, Borsheim E and S Korourian. Diet containing soy protein concentrate with low and high isoflavones for 9 weeks protects against Non-Alcoholic



Fatty liver steatosis using obese Zucker rats. *Frontiers in Nutrition (Clinical Nutrition)*. *Front. Nutr.*, 22 June 2022 | <https://doi.org/10.3389/fnut.2022.913571>.

3. Robeson M, Manna K, Randolph C, Byrum S and **R Hakkak**. Short-term Metformin Treatment Enriches *Bacteroides dorei* in Obese Liver Steatosis Zucker Rat Model. *Front. Microbiol.*, 30 March 2021 | <https://doi.org/10.3389/fmicb.2022.834776>
4. Melnyk S and **R Hakkak**. Metabolic Status of Lean and Obese Zucker Rats Based on Untargeted and Targeted Metabolomics Analysis of Serum. *Biomedicines*; 2022 Jan 12;10(1):153. doi: 10.3390/biomedicines10010153
5. Kozaczek M, Kong B, Bottje W and **R Hakkak**. Hepatic Proteomics Analysis of Nonalcoholic Fatty Liver Disease Obese Rat Model After Short- and Long-Term Soy Protein Isolate Feeding. *Journal of Medicinal Food*; Published Online: 9 December 2021; <https://doi.org/10.1089/jmf.2021.0088>.
6. Kozaczek M, Bottje W, Albatineh D and **R Hakkak**. Effects of Short-and Long-term Soy Protein Feeding on Hepatic Cytochrome P450 Expression in Obese Nonalcoholic Fatty Liver Disease Rat Model. *Frontiers in Nutrition (Nutrition and Metabolism)*. 28 June 2021 | <https://doi.org/10.3389/fnut.2021.699620>.
7. Kozaczek M, Bottje M, Kong B, Albatineh D and **R Hakkak**. A Comparison of Short- and Long-Term Soy Protein Isolate Intake and Its Ability to Reduce Liver Steatosis in Obese Zucker Rats Through Modifications of Genes Involved in Inflammation and Lipid Transport. *J Med Food* 2021 Mar 22. doi: 10.1089/jmf.2020.0180. Online ahead of print.
8. **Hakkak R**, Rose S, Spray B, Kozaczek M and Korourian S. Effects of Obesity and 10 Weeks of Metformin Treatment on Liver Steatosis. *J Biomedical Reports*, 2021 Jun;14 (6):49. doi: 10.3892/br.2021.1425. Epub 2021 Mar 30. *Biomed Rep.* 2021. PMID: 33859820
9. Arthur C, Phelps J, **Hakkak R**. Examining weight gain: A retrospective study on preterm newborn growth on a diet exclusively of fortified donor breast milk. *Int. J of Functional Nutrition*, January 11, 2021 <https://doi.org/10.3892/ijfn.2021.13>.
10. Kozacek M, Bottje W, Kong B, Dridi S, Albatineh D, Lassiter K, **Hakkak, R**. Long-Term Soy Protein Isolate Intake Reduces Liver Steatosis through Changes in Global Gene Expression in Obese Zucker Rats. *Frontiers in Nutrition (Nutrigenomics)*, 11 December 2020 | <https://doi.org/10.3389/fnut.2020.607970>
11. Zeng H, Larson K, Cheng W, Bukowski M, Safratowich B, Liu Z, **Hakkak R**. Advanced liver steatosis accompanies an increase in hepatic inflammation, colonic secondary bile acids and Lactobacillaceae/Lachnospiraceae bacteria in C57BL/6 mice fed a high-fat diet.

J Nutr Biochem. 2020 Jan 8;78:108336. doi: 10.1016/j.jnutbio.2019.108336. [Epub ahead of print] PMID: 32004929.

12. Kozacek M, Bottje W, Greene E, Lessiter K, Kong B, Dridi S, Korourian S, **Hakkak, R**. Comparison of Liver Gene Expression by RNAseq and PCR Analysis After 8 Weeks of Feeding Soy Protein Isolate- or Casein-based diets in an Obese Liver Steatosis Rat Model. *Food & Function*, Dec 11, 2019, 10, 8218 – 8229. DOI: 10.1039/C9FO01387C
13. Rochester E, Wickman BE, Bell A, Simecka C, Clayton ZS, **Hakkak R**, Hooshmand S. A Diet Containing a High – Versus Low- Daidzein Level Does Not Affect Bone Density and Osteogenic gene Expression in the Obese Zucker Rat model. *Food & Function*, 2019 Oct 16; 10(10):6851-6857. doi: 10.1039/c9fo01292c. PMID: 31580380.
14. **Hakkak R**, Gauss CH, Bell A and S Korourian. Short-Term Soy Protein Isolate Feeding Prevents Liver Steatosis and Reduces Serum ALT and AST Levels in Obese Female Zucker Rats. *Biomedicines* 2018, 6(2), 55; <https://doi.org/10.3390/biomedicines6020055>.
15. Stokić E, **Hakkak R**, Romani A, Kupusinac A, Isenović E, et al. 2017. Influence of Vitamin D Deficiency on Cardiometabolic Risk in Obesity. *J Obes Chronic Dis* 1(2): 21-30.
16. **Hakkak R**, Korourian S, Foley S and B Erickson. Assessment of gut microbiota populations in lean and obese Zucker rats. *PLoS One*. 2017 Jul 13;12(7):e0181451. doi: 10.1371/journal.pone.0181451. eCollection 2017.
17. Melnyk S, Korourian S, Levy JW, Pavliv O, Evans T and **R Hakkak**. Effects of Obesity on Pro-Oxidative Conditions and DNA Damage in Liver of DMBA-Induced Mammary Carcinogenesis Models. *Metabolites*, 2017, 7, 26; doi:10.3390/metabo7020026.
18. **Hakkak R**, Bell, A and S Korourian. Dehydroepiandrosterone (DHEA) Feeding Protects Liver Steatosis in Obese Breast Cancer Rat Model. *Sci. Pharm.* 2017,85,13; DOI:10.3390/scipharm85010013.
19. Bell A, Korourian S, Zeng H, Phelps J and **R Hakkak**. A diet containing a high- versus low-daidzein level does not protect against liver steatosis in the obese zucker rat model. *Food & Function*, 2017, 8, 1293-1298 . DOI: 10.1039/C6FO01772J
20. Zeng, H, Taussig DP, Cheng W-H, Johnson LK and **R Hakkak**. Butyrate Inhibits Cancerous HCT116 Colon Cell Proliferation but to a Lesser Extent in Noncancerous NCM460 Colon Cells. *Nutrients* 2017, 9(1), 25; doi:10.3390/nu9010025
21. Phelps J, Brite-Lane A, Crook T, **Hakkak, R** and S Fuller. Demonstrating Effectiveness of Arkansas EFNEP through an Evaluative Process. *Journal of Extension*, Feature Article. 55(2). Article Number 2FEA2. Available at: <https://www.joe.org/joe/2017april/a2.php>

22. **Hakkak R**, Bell A. Obesity and the Link to Chronic Disease Development. *J Obes Chronic Dis* 2016; 1(1): 1-3.
23. Jousheghany F, Phelps J, Crook T and **R Hakkak**. Relationship Between Level of HbA1C and Breast Cancer. *BBA Clinical*. 2016 Apr 23;6:45-48. PMID: 27957429
24. **Hakkak R**, Zeng H, Ishwori D and S Korourian. Short and long-term soy diet vs. casein protects liver steatosis independent of the arginine content. *J Med Food*. 2015 Nov;18(11):1274-80. doi: 10.1089/jmf.2015.0002. PMID: 26186426
25. Ronis M, **Hakkak R**, Korourian S and T Badger. Whey Protein Hydrolysate but not Whole Whey Protein Protects Against 7,12-Dimethylbenz(a)anthracene-Induced Mammary Tumors in Rats. *J Nutrition and Cancer*. OI:10.1080/01635581.2015.1055370
26. Melnyk S, Evans T, Korourian S and **R Hakkak**. Effects of Obesity on Serum Vitamin D Metabolites using Obese Zucker rat Model. *Vitam & Miner*. 2014; 3: 112, 4 pages, doi:10.4172/vms.1000122.
27. Feresin R, Johnson S, Elam M, Jo E, Arjmandi B, and **R Hakkak**. Effects of Obesity on Bone Mass and Quality in Ovariectomized Female Zucker Rats. *Journal of Obesity*, vol. 2014, Article ID 690123, 7 pages, 2014. doi:10.1155/2014/690123.
28. Phelps J, Parker S **R Hakkak**. Obesity, Chronic Disease Risk Factors & Fighting Words – The Collateral Damage to Health. *J Obes Weight Loss Ther* 2014, 4: e115; doi: 10.4172/2165-7904.1000e115.
29. **Hakkak R**, Macleod S and S Korourian. Effects of Obesity and 7,12-Dimethylbenz(a)anthracene (DMBA) Treatment on Liver Cytochrome P4501A1 and 1B1 Expression in Ovariectomized Obese Zucker Rats. *J Mol Genet Med.*, 2013; S1:003. Doi:10.4172/1747-0862.S1-003.
30. Crook T and **R Hakkak**. Nutrition Screening and Assessment: A Critical Element of Care in Children with Developmental Disabilities and Special Health Care Needs. *J Nutr Disorders Ther* 2013; 3:e111. Doi: 10.4172/2161.0509.1000e111
31. Filla C, Hays N, Gonzales D and **R Hakkak**. Self-Reported Changes in Weight, Food Intake, and Physical Activity from High School to College. *J Nutr Disorders Ther* 2013; 3:129. Doi 10.4172/2161.0509.1000129
32. **Hakkak R**, Korourian S and S Melnyk. Obesity, Oxidative Stress and Breast Cancer Risk. *J. Cancer Sci Ther* 2013; 5: e129. Doi; 10.4172/1948.5958.1000e129.
33. Prins A, Gonzales D, Crook T and **Hakkak R**. Impact of Menu Labeling on Food Choices of Southern Undergraduate Students. *J Obes & Wt Loss Ther*, 2012; S4-001, doi: 10.4172/2165-7904.S4-001.

34. Monzavi-Karbassi BJ, Keiber-Emmons T and **Hakkak R**. Obesity, Diabetes and Breast Cancer: Defining Metabolic Oncogenesis. *J Obes Wt Loss Ther*, 2012; 2:e108, doi:10.4172/2165-7904.1000e108.
35. Moore E, Crook T, James J, Gonzales D, and **Hakkak R**. Nutrient Intake among Children with Autism. *Journal of Nutritional Disorders & Therapy*, 2012; 2:115. doi:10.4172/2161-0509.1000115.
36. Melnyk, S and **Hakkak R**. Effects of obesity on serum concentration of methylation and oxidative/nitrosative stress metabolites following DMBA treatment of female Zucker rats. *J Obes Wt Loss Ther*, 2012; 2:141. doi:10.4172/2165-7904.1000141.
37. **Hakkak, R**. Obesity Decreases Serum Selenium Levels in a Mammary Tumor Zucker Rat Model. *Vitam Trace Elem*, 2012; 1:106. doi:10.4172/2167- 0390.1000106.
38. **Hakkak R**, Al-Dwairi A, Fuchs GJ, Korourian S and Simmen FA. Dietary soy protein induces hepatic lipogenic enzyme gene expression while suppressing hepatosteatosis in obese female Zucker rats bearing DMBA-initiated mammary tumors. *Genes Nutr*. 2012;DOI 10.1007/s12263-012-0294-6.
39. **Hakkak R**, Shaaf S, Jo C, McLeod S and Korourian S. Effects of soy vs. casein protein diet and obesity on DMBA-induced mammary tumor development. *Oncology Letters* 2: 29-36, 2011.
40. **Hakkak R**, Shaaf S, Jo C, McLeod S, Korourian S. Dehydroepiandrosterone intake protects against 7,12-dimethylbenz(a)anthracene-induced mammary tumor development in the obese Zucker rat model. *Oncology Reports* 24: 57-362, 2010.
41. Chowdhury P, Scott J, Holley A and **Hakkak R**. Obesity and laboratory diets affects tissue Malondialdehyde (MDA) levels in obese rats. *J American Institute of Physics Proc.* 1229, 54, 2010.
42. Enderlin C, Coleman A, Stewart CB and **Hakkak R**. Dietary soy intake and breast cancer. *Oncology Nursing Forum*. 36:531-9, 2009.
43. Whitehead T, Holley AW, Kieber-Emmons T, Korourian S, Shaaf S and **Hakkak R**. <sup>1</sup>H nuclear magnetic resonance metabolomic analysis of mammary tumors from lean and obese Zucker rats exposed to 7,12-dimethylbenz[a]anthracene (DMBA). *Int. J. Mol. Medicine*, 20:573-80, 2007.
44. Vargas PA, Perry TT, Robles E, Jo CH, Simpson PM, Feild CR, **Hakkak R**, Carroll PA and Jones SM. Relationship of body mass index with asthma indicators in head start children. *Ann Allergy Asthma Immunol*, 99:22-28, 2007.
45. **Hakkak R**, MacLeod S, Shaaf S, Holley AW, Simpson P, Fuchs G, Jo CH, Kieber-Emmons T, Korourian S. Obesity Increases the Incidence of 7,12-dimethylbenz(a)anthracene-Induced Mammary Tumors in Ovariectomized Zucker Rat. *International Journal of Oncology*, 30:557-563, 2007.

46. **Hakkak R**, Holley AW, MacLeod S, Simpson P, Fuchs G, Jo CH, Kieber-Emmons T, Korourian S. Obesity Promotes 7,12-dimethylbenz(a)anthracene-Induced Mammary Tumor Development in Female Zucker Rats. *Breast Cancer Research*, 7:R627-R633, 2005. (**According to Breast Cancer Research, this article was accessed more than 10k as of 5/1/2019**).
47. Ronis MJ, **Hakkak R**, Korourian S, Albano E, Yoon S, Ingelman-Sundberg M, Lindros KO, Badger TM. Alcoholic liver disease in rats fed ethanol as part of oral or intragastric low-carbohydrate liquid diets. *Exp Biol Med*. 229:351-60, 2004.
48. Ronis MJ, Korourian S, Zipperman M, **Hakkak R**, Badger TM. Dietary saturated fat reduces alcoholic hepatotoxicity in rats by altering Fatty Acid metabolism and membrane composition. *J. Nutr.* 134:904-12, 2004.
49. Badger TM, Ronis MJ, **Hakkak R**, Rowlands JC, and Korourian S. The health consequences of early soy consumption. *J. Nut.* 132: 559S-565S, 2002
50. Rowlands, JC, **Hakkak R**, Ronis MJJ, and Badger TM. Altered mammary gland differentiation and progesterone receptor expression in rats fed soy protein and whey proteins. *Toxicological Sciences* 70; 40-45, 2002.
51. Brown, EC, Perrien DS, Fletcher TW, Irby DJ, Aronson J, Gao GG, Hogue WR, Skinner RA, Suva LJ, Ronis MJJ, **Hakkak R**, Badger TM, Lumpkin CK Jr. The negative effects of chronic ethanol exposure on distraction osetogenesis in a rat model. *J. Pharmacol Exp Ther.* 301: 1132-1138, 2002.
52. Rowlands C, **Hakkak R**, Ronis MJJ, and Badger TM. Soy and whey proteins down-regulate DMBA-induced liver and mammary gland CYP1A, expression in female rats. *J. Nutr.* 131:3281-3287, 2001.
53. **Hakkak R**, Korourian S, Ronis M, Johnston J, and Badger TM. Dietary whey protein protects against AOM- induced colon cancer in male rats. *Cancer Epidemiology Biomarkers & Prevention*. 10: 555-558, 2001.
54. Badger TM, Ronis MJ, and **Hakkak R**. Health effects of soy protein isolate, genistein and other dietary factors: Implications for gender specific effects. *Int. J. Toxicol.* 20: 165-174, 2001.
55. **Hakkak R**, Korourian S, Ronis M, Johnston J, and Badger TM. Soy protein isolate consumption protects against azoxymethane-induced colon tumors in male rats. *Cancer Letters* 106: 27-32, 2001.
56. Ronis MJ, Rowlands JC, **Hakkak R**, and Badger TM. Inducibility of hepatic CYP1A enzymes by 3-Methylcholanthrene and isosafarole differs in male rats fed diets containing casein, soy protein isolate or whey from conception to adulthood. *J. Nutr.* 131: 1180-1188, 2001.

57. Rowlands C, Wang H, **Hakkak R**, Ronis MJ, Strobel H, and Badger TM. Chronic intragastric infusion of ethanol-containing diets induces CYP3A9 while decreasing CYP3A2 in male rats. *J. Pharmacol Exp. Ther.* 295:747-752, 2000.
58. **Hakkak R**, Korourian S, Shelnutt S, Lensing S, Ronis MJ, and Badger TM. Diet containing whey protein or soy protein isolate protect against DMBA-induced breast cancer in rats. *Cancer Epidemiology Biomarkers & Prevention.* 2000, 9; 111-117.
59. Ronis MJ, **Hakkak R**, Irby D, Shelnutt S, King S, Cimino C, and Badger TM. Development of a rat total enteral nutrition (TEN) model for delivery of high levels of dietary phytoestrogens using soy protein isolate. *J. Medicinal Food* 1999; 2: 193-195.
60. Cimino C, King S, Ronis MJ, **Hakkak R**, Shelnutt S, Torres A, and Badger TM. Development of an LC-MS procedure for quantitation of free and conjugated phytoestrogens in human urine: Application in pharmacokinetic studies following soy consumption. *J. Medicinal Food.* 1999; 2:177-179.
61. Ronis MJ, Rowlands JC, **Hakkak R**, and Badger TM. Expression and glucocorticoid-inducibility of CYP3A and CYP2B enzymes in male rat liver: effects of diets containing soy protein isolate. *J. Nutrition* 1999, 129: 1958-1968.
62. Korourian S, **Hakkak R**, Shelnutt S, Ronis MJ, Waldron JA, and Badger TM. Diet and risk of ethanol-induced hepatotoxicity: carbohydrate-fat relationships in rats. *Toxicological Sciences.* 1999; 47:110-117.
63. **Hakkak R**, Korourian S, Ronis MJ, and Badger TM. Effects of diet and chronic ethanol treatment on azoxymethane-induced liver and gastrointestinal neoplasm of male rats. *Cancer Letters* 1996; 107:257-264.
64. Helm R, Wheeler G, Burks W, **Hakkak R**, and Badger TM. Flow cytometric analysis of lymphocytes from rats following chronic ethanol treatment. *Alcohol* 1996; 13:467-471.
65. **Hakkak R**, Korourian S, Ronis MJ, Ingelman-Sundberg M, and Badger TM. Effects of diet and ethanol treatment on expression of cytochrome P450 isozymes CYP 2E1 and CYP 2C7 in the colon of male rats. *Biochemical Pharmacology* 1996; 51:61-69.
66. Badger TM, Ronis MJ, Ingelman-Sundberg M, and **Hakkak R**. Inhibition of CYP2E1 activity does not abolish the pulsatile urine alcohol concentration during chronic alcohol infusions. *European J. Biochem.* 1995; 23:914-919.
67. **Hakkak R**, Ronis MJ, and Badger TM. Effects of enteral nutrition and ethanol on cytochrome P450 distribution in small intestine of male rats. *Gastroenterology* 1993; 104:1611-1618.
68. Badger TM, Crouch J, Irby D, **Hakkak R**, and M Shahare. Episodic excretion of ethanol during chronic intragastric ethanol infusion in the male rat: continuous vs. cyclic ethanol and nutrient infusions. *J. Pharmacol. Exp. Ther.* 1993; 264:938-943.

69. Badger TM, Ronis MJ, Ingelman-Sundberg M, and **R Hakkak**. Step II induction of CYP 2E1 during chronic ethanol exposure occurs via transcriptional activation: Role of blood alcohol concentration. *Alcohol* 1993; 10:453-457.
70. Hendry WJ, **Hakkak R**, and Harrison R. An analysis of autologous glucocorticoid receptor protein regulation in AtT-20 cells also reveals differential specificity of the BuGR2 monoclonal antibody. *Biochimica et Acta* 1993; 1178:176-188.
71. Hendry WJ, **Hakkak R**, and Cornett LE. Selective loss of glucocorticoid-dependent responses in a variant of the DDT1 MF-2 tumor cell line. *Cancer Research* 1992; 52:2516-2522.

**Papers receiving press releases from affiliated institutions:**

1. **Hakkak R**, Korourian S, Shelnutt S, Lensing S, Ronis MJJ, and Badger TM. Diet containing whey protein or soy protein isolate protect against DMBA-induced breast cancer in rats. *Cancer Epidemiology Biomarkers & Prevention*. 2000, 9; 111-117. - *UAMS issued a press release for this research article. It has been cited by several news media and web sites and translated into many languages around the world.*
2. **Hakkak R**, Holley AW, MacLeod S, Simpson P, Fuchs G, Jo CH, Kieber-Emmons T, Korourian S Obesity Promotes 7,12-dimethylbenz(a)anthracene-Induced Mammary Tumor Development in Female Zucker Rats. *Breast Cancer Research*, 7:R627-R633, 2005. - *Arkansas Children Hospital Research Institute issued a press release for this research article.*
3. **Hakkak R**, MacLeod S, Shaaf S, Holley AW, Simpson P, Fuchs G, Jo CH, Kieber-Emmons T, Korourian S. Obesity Increases the Incidence of 7,12-dimethylbenz(a)anthracene-Induced Mammary Tumors in Ovariectomized Zucker Rat. *International Journal of Oncology*, 30:557-563, 2007. - *Arkansas Children Hospital Research Institute issued a press release for this research article.*

**Book chapters:**

1. **Hakkak R**. Effects of different dietary cation-anion on mineral and glucose absorption in the rabbit intestine. Doctoral Dissertation University of Arkansas, Fayetteville, AR.1986.
2. Badger TM, Ronis MJ, **Hakkak R**, and Korourian S. The health consequences of soy infant formula, soy protein and isoflavones. *Phytoestrogens and Health*, GS Gilani and JB Anderson, AOCS Press, Champaign, IL. 2002.
3. Light K and **Hakkak R**. Food-Drug Interaction, Alcohol and Nutrition (chapter 9). BJ McCabe, EH Frankle and JJ Wolfe, CRC Press, Boca Raton, FL. 2003.

**Abstracts:**

1. **Hakkak R**, Spray B, Korourian S. Short and long-term soy protein with low and high isoflavones protects against liver steatosis. *Obesity*, Volume 30, issue S1, November 1-4, San Diego, California.
2. Jansen LT, Andres A, Børshheim E, **Hakkak R**. A pilot study protocol: Glycemic patterns in obese pregnancies without diabetes – Identifying susceptible periods for intervention. *Am Society of Nutrition*, June 14-16, 2022 (virtual).
3. Li W, Nouanmo B, Irby D, Monzavi-Karbassi B, **Hakkak R**. Feeding Obese Zucker rats with soy protein concentrate with high isoflavones compared to low isoflavones leads to a significant reduction of serum tumor necrosis factor- $\alpha$ . *American Society for Nutrition*, June 14-16, 2022 (virtual).
4. **Hakkak R**, Twaddle N, Spray B, Irby D and S Korourian. Effects of 8 weeks feeding diet with Low and High Isoflavones Soy Protein Concentrate on serum isoflavones in Non-Alcoholic Fatty Liver Disease (NAFLD) Rat model. *Am Society of Nutrition*, June 14-16, 2022 (virtual).
5. **Hakkak R**, Spray B, Irby D and S Korourian. Diet Containing Soy Protein Concentrate With Low and High Isoflavones for 18 Weeks Protects Against Non-alcoholic Fatty Liver. *Am Society of Nutrition*, June 14-16, 2022 (virtual).
6. **Hakkak R**, Melnyk S, Korourian S. Obesity promotes liver pro-oxidative and DNA damage in mammary tumor of Zucker rats. *Annual American Association for Cancer Research*. Abstract # 5680; April 81-3, 2022 (New Orleans, La).
7. Kozaczek M, Korourian S, Spary B, Irby D, **Hakkak R**. Effects of Obesity and Low and High Isoflavones in Soy Protein Concentrate Diet on Liver Steatosis. *Current Developments in Nutrition*, Volume 5, Issue Supplement\_2, June 2021, Page 339, [https://doi.org/10.1093/cdn/nzab037\\_049](https://doi.org/10.1093/cdn/nzab037_049)
8. **Hakkak R**, Randolph C, Bennuri S, Robeson M. Effects of Short-Term Metformin Treatment on Gut Microbiota Profile Using Female Obese Zucker Rat Model. *Current Developments in Nutrition*, Volume 5, Issue Supplement\_2, June 2021, Page 1213, [https://doi.org/10.1093/cdn/nzab055\\_023](https://doi.org/10.1093/cdn/nzab055_023)
9. Kozaczek M, Bottje W, **Hakkak R**. Liver Proteomics Analysis After Short- and Long-Term Soy Protein Isolate Feeding Using Obese Zucker Rat Model. *Current Developments in Nutrition*, Volume 5, Issue Supplement\_2, June 2021, Page 1226, [https://doi.org/10.1093/cdn/nzab055\\_036](https://doi.org/10.1093/cdn/nzab055_036)
10. Kozaczek M, Bottje W, **Hakkak R**. Effects of Short and Long-Term Soy Protein Isolate Intake on Hepatic Cytochrome P450 Expression in Obese Zucker Rats. *Current Developments in Nutrition*, Volume 5, Issue Supplement\_2, June 2021, Page 1225, [https://doi.org/10.1093/cdn/nzab055\\_035](https://doi.org/10.1093/cdn/nzab055_035)



11. **Hakkak R**, Melnyk S and Korourian S. Effects of feeding soy protein isolate diet on hepatic methylation and oxidative stress in DMBA-induced mammary tumor in obese rat model. Virtual Annual American Association for Cancer Research. Abstract # 3460; June 22-24, 2020 (San Diego, Ca).
12. **Hakkak R** and Korourian S. Effects of soy protein diet on plasma isoflavones levels in obese DMBA-induced mammary tumor rat model. Virtual Annual American Association for Cancer Research. Abstract # 4642; June 22-24, 2020 (San Diego, Ca).
13. **Hakkak R**, Irby D, Rose S, Bennuri S, Spray B, Korourian S. Effects of Obesity and Short-Term Metformin Treatment on Liver Steatosis in Female Zucker Rats. *Current Developments in Nutrition*, Volume 4, Issue Supplement\_2, June 2020, Page 1640, [https://doi.org/10.1093/cdn/nzaa063\\_038](https://doi.org/10.1093/cdn/nzaa063_038).
14. Rose C, Heo S, Nagel C, **Hakkak R**, Landes R, Tsai PF. The Association of Caffeine Metabolite with Obesity and Low-Density Lipoprotein Level. *Current Developments in Nutrition*, Volume 4, Issue Supplement\_2, June 2020, Page 1681, [https://doi.org/10.1093/cdn/nzaa063\\_079](https://doi.org/10.1093/cdn/nzaa063_079).
15. Rose S, Carvalho E, Irby D, Bennuri S, Beebe A, **Hakkak R**. Mitochondrial Respiration in Female Zucker Rats: Effects of Obesity and Short-Term Metformin Treatment. *Current Developments in Nutrition*, Volume 4, Issue Supplement\_2, June 2020, Page 1682, [https://doi.org/10.1093/cdn/nzaa063\\_080](https://doi.org/10.1093/cdn/nzaa063_080).
16. Kozaczek M, Bottje W, Greene E, Lassiter K, Kong BC, Rochelle S, Dridi S, Albatineh D, **Hakkak R**. Global Gene Expression and Pathway Analysis of Liver Obtained After 8 and 16 Weeks of Feeding Soy Isolate- or Casein-Based Diets in Male Obese Zucker Rats. *Current Developments in Nutrition*, Volume 4, Issue Supplement\_2, June 2020, Page 1650, [https://doi.org/10.1093/cdn/nzaa063\\_048](https://doi.org/10.1093/cdn/nzaa063_048).
17. O'Malley Emily, Phelps J, Arthur C, **Hakkak R**. Investigating Effectiveness of a Pritikin-Based Cardiac Rehabilitation Program on Patients with Heart Disease. *Current Developments in Nutrition*, Volume 4, Issue Supplement\_2, June 2020, Page 58, [https://doi.org/10.1093/cdn/nzaa040\\_058](https://doi.org/10.1093/cdn/nzaa040_058)
18. Spencer Sabrina, Arthur C, Phelps J, **Hakkak R**. A Tele-Visit Nutrition Intervention Promoting Consumption of Healthy Foods and Beverages Among Adolescents Attending Rural Public Schools. *Current Developments in Nutrition*, Volume 4, Issue Supplement\_2, June 2020, Page 1350, [https://doi.org/10.1093/cdn/nzaa059\\_067](https://doi.org/10.1093/cdn/nzaa059_067).
19. Rose C, Heo S, Nagel C, **Hakkak R**, Landes, Tsai PF. The Association of Caffeine Metabolite with Obesity and Glycohemoglobin Level. *Current Developments in Nutrition*, Volume 4, Issue Supplement\_2, June 2020, Page 1680, [https://doi.org/10.1093/cdn/nzaa063\\_078](https://doi.org/10.1093/cdn/nzaa063_078).

20. Montelongo J, Phelps J, Maddox T, **Hakkak R**. Determining Effectiveness of Diabetes Education Program for Management of Type 1 and Type 2 Diabetes in a Pediatric Population. *Journal of the Academy of Nutrition and Dietetics*.  
[https://jandonline.org/article/S2212-2672\(19\)30735-X/abstract](https://jandonline.org/article/S2212-2672(19)30735-X/abstract). 28 October 2019.
21. **Hakkak R**, Korourian S, Pavliv O, Melnyk S. Effects of Diet Containing Soy Protein Isolate on Liver Metabolic Methylation Status Using Obese Zucker Rat Model. *Curr Dev Nutr*. 2019 June;3(1) P08-033-19.
22. **Hakkak R**. Yihong Kaufmann and Brendan Stack. Effects of Obesity on Serum Calcium and Parathyroid Hormone in Zucker Rat Model. *Curr Dev Nutr*. 2019 June; 3(1) P08-032-19.
23. Zeng H, Larson K, Cheng WH, Bukowski M, Safratowich B, **Hakkak R**. Advanced Liver Steatosis Accompanies an Increase in the Level of Colonic Pro-inflammatory Bile Acids and Hepatic Inflammation in C57BL/6 Mice Fed a High-fat Diet. *Curr Dev Nutr*. 2019 June;3(1) P15-027-19
24. Kozaczek, M; Sami, D; Greene, E; Kentu, L; Byungwhi, C K; Baum, J; Rochell, S; Khatri, B; Bottje, W and **R Hakkak**. Liver Proteogenomics in Liver After Feeding Soy Isolate- or Casein-based Diets in Male Zucker Rats. Obesity. Nashville, TN, November 18-21, 2018.
25. **Hakkak R**. Obesity-associated Chronic Diseases Development: The role of Gut Microbiota. *Obesity & Chronic Diseases (ICOCD-2018)*.
26. Kozaczek M, Bottje W, Greene G, Lassiter K, Kong BC, Rochell S, Baum J, Dridi S, and **R Hakkak**. Liver Global Gene Expression Analysis After 8 Week Feeding Soy Isolate- or Casein-based Diets using Male Obese Zucker Rat Model. 3<sup>rd</sup> International meeting on Obesity and Chronic Diseases. Los Angeles, July 24, 2018.
27. Zeng H, Kate Larson KJ, Cheng W, and **R Hakkak**. Transcriptomic analysis reveals the differential expression of hepatic genes in C57BL/6 mice with long-term feeding of a high-fat diet. American Society of Nutrition, June 11, 2018, Boston.
28. Rochester E, Wickman B, Liu C, Bell A, Bekkevold C, Hooshmand S and **R Hakkak**. Effects of the low and high daidzein diet on bone density and osteogenic gene expression in female obese Zucker rats. American Society of Nutrition, June 11, 2018, Boston.
29. **Hakkak R**, Korourian S, Pavliv O and S Melnyk. Obesity promotes global DNA hypermethylation and DNA oxidative damage in liver of female Zucker rats. American Society of Nutrition, June 11, 2018, Boston.

30. Carter M, Crook T, Phelps J, **Hakkak R**. Assessing the Effectiveness of a Training Video on Nutrition Knowledge and Confidence in Food Pantry Volunteers. *Current Developments in Nutrition*, Volume 2, Issue 11, 1 November 2018, nzy036, <https://doi.org/10.1093/cdn/nzy036>.
31. Parker K, Phelps J, Crook T, Jung SE, **Hakkak R**, Parker S. Relations between Food Insecurity and Self-Esteem among a Sample of SNAP Recipients. *Current Developments in Nutrition*, Volume 2, Issue 11, 1 November 2018, nzy033, <https://doi.org/10.1093/cdn/nzy033>.
32. Arthur C, Phelps J, Crook T, **Hakkak R**. A Retrospective Look at Milk Laboratory Data for the Purpose of Identifying Future Avenues for Data Collection and Research. *Current Developments in Nutrition*, Volume 2, Issue 11, 1 November 2018, nzy040, <https://doi.org/10.1093/cdn/nzy040>
33. McClafferty S, Phelps J, Crook T, **Hakkak R**. Associations Between Iron Intake and Hemoglobin Levels in Older Adults. *Journal of the Academy of Nutrition and Dietetics*; 2017 117(9 Supplemental):A52
34. **Hakkak R** and Korourian S. Obesity; Breast Cancer and Liver Steatosis protection by weight loss. *Obesity & Chronic Diseases (ICOCD-2017)* Volume 2 page 11, 2017.
35. Swindle T, Phelps J, **Hakkak R**, Crook T. Organizational Characteristics in Early Education Settings Related to Educator Nutrition Promotion and Mealtime Practice: A Qualitative Exploration. Accepted as a short oral presentation at the International Society of Behavioral Nutrition and Physical Activity (ISBNPA) annual conference in Victoria, Canada, June 7th-10th, 2017.
36. **Hakkak R** and Bell A. Effects of dietary isoflavone daidzein on fecal short-chain-fatty-acid and serum cytokines in obese Female Zucker rats *FASEB J* April 2017 31:793.18
37. Melnyk S, Korourian S, Evans T, Pavliv O. and **R Hakkak**. Liver steatosis and redox status alterations in obese Zucker rats *FASEB J* April 2017 31:969.
38. Bell A, Korourian S, Zeng H, Phelps J, Crook T, Gurley B, Feresin R and **R Hakkak**. The effects of a high- and low-daidzein diet on liver steatosis and serum adipokines in female obese Zucker rats *FASEB J* April 2017 31:793.1
39. Bauerlein D, Phelps J, Crook T and **R Hakkak**. Exploring Diabetes Care-Related Outcomes in Arkansas Healthcare Systems for Young Old (Ages 65–74) and Old (Ages 75–84) Age Groups *FASEB J* April 2017 31:648.9

40. **Hakkak R**, and S. Korourian. Obesity, Soy protein and Liver Steatosis. The 21<sup>st</sup> International Conference, Functional Foods and Bioactive Compounds in Health and Disease. 2017; 62-64.
41. **Hakkak R**, S. Korourian, S. Foley, B. Erickson. Obesity and Cancer; Gut Microbiota Connection. *ICOCD 2016*; 1:7.
42. Melnyk S, Pavliv O, Evans T, S. Korourian and R. **Hakkak**. Obesity and Liver Metabolic Profile in Zucker Rats: New Aspects and Approches. *ICOCD 2016*; 1:36.
43. Bell A., Phelps J., Crook T., Feresin R., Korourian S., Gurley B., and **R Hakkak**. The Effects of Diet Containing Low and High Levels of the Soy isoflavones Daidzein on Liver Steatosis in Obese Female Zucker Rats. *ICOCD 2016*; 1:62.
44. **Hakkak R**, S. Korourian, T. Evans, O. Pavliv, A. S. Melnyk. Effects of Dehydroepiandrosterone (DHEA) treatment on serum methylation, oxidative and nitrosative stress biomarkers in an obesity model of mammary carcinogenesis. Proceeding of the American Association for Cancer Research 2016; 57: 890-891.
45. Zeng H, D.P. Taussig, W-H. Cheng, **R. Hakkak**. Butyrate Plays Differential Roles in Cellular Signaling in Cancerous HCT116 and Noncancerous NCM460 Colon Cells. *FASEB J* 2016; 30:688.9.
46. **Hakkak R**, S. Korourian, T. Evans, O. Pavliv, A. Harb, S. Melnyk. Effect of Obesity on Liver Metabolic and Morphological Profile in Zucker Rats. *FASEB J* 2016; 910.1.
47. **Hakkak R**, S. Korourian, M. Niedoba, A. Romani. Effects of Obesity on Serum and Hepatic Cations in Zucker Rat Model. *FASEB J* 2016; 910.2.
48. **Hakkak R**, A. Bell, S. Korourian. Effects of Obesity and Soy Protein Diet on Feed Intake and Serum Leptin Level in Female Zucker Rats. *FASEB J* 2016; 915.30.
49. **Hakkak R**, S. Korourian, S. Foley, B. Erickson. Effects of Obesity and Soy Diet on Gut Microbiota Using Obese Zucker Rat Model. *FASEB J* 2016; 1166.1.
50. Rhodes K, Crook T, Phelps J and **Hakkak R**. Effect of Food Allergies on Growth in Children. *FASEB J* 2016; 30:671.13.
51. Delavan L, Crook T, Phelps J and **Hakkak R**. Associations between Weight-Related Variables, Gender, and Age in Overweight and Obese Preadolescents and Adolescents. *FASEB J* 2016; 30:687.1.
52. Hurlimann T, Crook T, Phelps J and **Hakkak R**. Current Nutrition Screening & Assessment Practices in Use According to Members of the Texas and Arkansas Academy of Nutrition and Dietetics. *FASEB J* 2016; 30:675.12.

53. Turker, J, Crook, T, Phelps, J, **Hakkak, R**. Identifying Attitudes of Healthcare Professionals toward Obese Individuals in a Hospital Setting. *Journal of the Academy of Nutrition and Dietetics*, 2015; 15(9): A-27.
54. Hall J, Portilla M, Crook T, Phelps J, **Hakkak R**. Identification of Risk Factors and Clinical Measures for Pediatric Eating Disorder Patients. *FASEB J* April 2015 29:912.6
55. Wells J, Vermani M, Crook T, Phelps J and **Hakkak R**. Influences on Breastfeeding Exclusivity and Duration. *FASEB J* April 2015 29:581.2
56. Melhorn S, Crook T, Phelps J and **Hakkak R**. Examine the Knowledge of Nutrition and Physical Activity among 3rd-Graders using Two Different Teaching Methods in Elementary School. *FASEB J* April 2015 29:911.4
57. Jousheghany F, Phelps J, Crook T and **Hakkak R**. Relationship Between Level of HbA1C and Breast Cancer Outcomes. *FASEB J* April 2015 29:918.9
58. Markovic S, Phelps J, Crook T and **Hakkak R**. Eating Habits and Patterns of Female College Athletes. *FASEB J* April 2015 29:733.1
59. Ezmiry M, Phelps J, Crook T and **Hakkak R**. Comparison of Selected Micronutrient Intakes Between Vegans and Omnivores Using Dietary Reference Intakes. *FASEB J* April 2015 29:587.15
60. Brite-Lane A, Phelps J, Fuller S, Crook T and **Hakkak R**. Evaluating Effectiveness of the Arkansas Expanded Food and Nutrition Education Program on Changing Food Resource Management and Nutrition Practice Outcomes. *FASEB J* April 2015 29:911.7
61. **Hakkak R**, Post S, Mackintosh S, West K, and Tackett A. Proteomic Analysis of the Low Molecular Weight Peptide Fraction in Serum of Obese Zucker Rat. *FASEB J* April 2015 29:595.3
62. **Hakkak R**, Korourian S, Jagetia S and Romani A. Effects of Obesity on Serum Cations using Obese Zucker Rat Model. *FASEB J* April 2015 29:602.2
63. **Hakkak R**, Korourian S, Evans S, Pavliv O and S Melnyk. Effects of 7, 12-dimethylbenz(a)anthracene (DMBA) treatment on serum Oxidative and Nitrositive Stress in obese Zucker rats. *FASEB J* April 2015 29:753.8
64. **Hakkak R** and S Korourian. Obesity and Fatty liver Prevention by Diet and Weight Loss. *J. Obes Wight Loss Ther* 2014; 4: 26.
65. **Hakkak R**, Pavliv O, Korourian S and S Melnyk. Effects of Obesity on Serum Methylation and Oxidative Stress Biomarkers Following DMBA Treatment. 4<sup>th</sup> World Congress on Cancer Science & Therapy. *J. Cancer Sci Ther* 2014, 6:10

66. Colvin, A, Crook, T, Christie, L, Gonzales, D, Phelps, J, Maddox, L, **Hakkak, R** (2014). "Relationship between childhood food allergies and family quality of life." Journal of the Academy of Nutrition and Dietetics, 114(9): A-28.
67. Bailey A, Gonzales D, Crook T and **R Hakkak**. Vitamin D Intake among adults of varying age, race, and gender. FASEB J April 2014 28:1041.1
68. Hamlin J, Crook T, James J, Gonzales D and **R Hakkak**. Correlation between dietary intake and plasma levels of choline and betaine in children with autism. FASEB J April 2014 28:827.1
69. Norman L, Gonzales D, Crook T and **R Hakkak**. Evaluation of behavior changes in physical activity after implementation of CATCH Kids Club. FASEB J April 2014 28:808.3
70. Drake E, Gonzales D, Crook T and **R Hakkak**. Examination of the knowledge and consumption of fruits and vegetables of 7-11 year old children at the Boys & Girls Club. FASEB J April 2014 28:808.15
71. Hereford A, Phelps J, Rodibaugh R, Crook T, Gonzales D and **R Hakkak**. Evaluating Face Validity of a Parent Survey Used to Evaluate a Supplemental Nutrition Assistance Program-Education Youth Program in Arkansas. FASEB J April 2014 28:625.6
72. Bowden M, Phelps J, Crook T, Gonzales D and **R Hakkak**. Examination of Relationships among Dietary Factors and Bone Mineral Density in Adolescents. FASEB J April 2014 28:810.8
73. **Hakkak R**, Korourian S, Pavliv O and S Melnyk. Serum Metabolic Profile of the 7, 12-dimethylbenz(a)anthracene (DMBA)- Induced Mammary Tumor in Obese Zucker Rat Model. FASEB J April 2014 28:824.1
74. **Hakkak R**, Korourian S, Foley S and Bruce Erickson. Effects of Obesity on Gut Microbiota using the Obese Zucker Rat Model. FASEB J April 2014 28:637.2
75. **Hakkak R**, Korourian S, Sepehr E, and D Doerge. Effects of a soy protein diet on serum leptin and isoflavones in obese versus lean Zucker rats (829.5) FASEB J April 2014 28:829.5
76. **Hakkak R**, Korourian S, Pavliv O, and S Melnyk. Effects of Obesity on Development of Oxidative Stress and DNA Damages in Liver of the Obese Zucker Rat. FASEB J April 2014 28:643.1
77. **Hakkak R**, Korourian S and S Melnyk. Effects of Obesity and Soy protein diet on Serum Vitamin D Metabolites. J. Obes Wight Loss Ther 2013; 3: 26.

78. Maddox L, Crook T, Gonzales D, and **Hakkak R**. Use of Interactive Whiteboards as a Teaching Method in School-Age Nutrition Education. *Acad Nutr and Diet J*, 2013 S3:113.9.
79. **Hakkak R**, Korourian S and S Melynk. Effects of anti-obesity dietary supplement dehydroepiandrosterone (DHEA) treatment on serum methylation and oxidative stress biomarkers in DMBA-induced mammary tumor obese zucker rats model. *J. Cancer Sci Ther* 2013, 5:10.
80. Timmerman B, Crook T, Gonzales D, Maddox L, Smith K, Feild C, and **Hakkak R**. Relationship of Body Mass Index to Screen Time in Head Start Participants in Central Arkansas. *FASEB J*, 2013; 27:1063.16
81. Garner S, Gonzales D, Crook T, and **Hakkak R**. Physician attitudes towards individuals who are overweight. *FASEB J*, 2013; 27:1064.4
82. Prins A, Gonzales D, Crook T, and **Hakkak R**. Impact of Menu Labeling on Food Choices of Southern Undergraduate Students. *FASEB J*, 2013; 27:842.11
- a. *This poster won the 1<sup>st</sup> place in Category 3 (graduate degree-seeking students) at the UAMS Student Research Day.*
83. Maddox L, Crook T, Gonzales D, and **Hakkak R**. Efficacy of Interactive Whiteboards as Teaching Tools in the Nutrition Education of 1st and 2nd grade students. *FASEB J*, 2013; 27:1062.1
84. **Hakkak R**, Starrett W, Tang X, and Korourian S. Effects of high isoflavone soy diet vs casein or arginine-supplemented casein diet on liver steatosis. *FASEB J*, 2013; 27:861.24
85. **Hakkak R**. Extra body fat and breast cancer risk. *J. Obes Wt Loss Ther*, 2012; 2: 38.
86. **Hakkak R** and Korourian S. Effects of anti-obesity dietary supplement DHEA on serum DHEA, DHEA-S, IGF-1 and IGFBP-3 in DMBA-induced breast cancer model. 5<sup>th</sup> AACR Conference on the Science of Cancer Health Disparity, 2012; page 161.
87. Brown A, **Hakkak R**, Gonzales D, Wolfe R, and N Hays. Does Digital Photography Improve the Accuracy of Diet Records in the Elderly? *FASEB J*, 2012 26:808.4
88. Hardin A, Gonzales D, Carroll P and **Hakkak R**. Integrating sustainable agriculture into professional practice: a survey of dietetic professionals in Arkansas. *FASEB J*, 2012 26:815.13.
89. Moore E, Crook T, James J, Gonzales D, and **Hakkak R**. Nutrient Intake among Children with Autism. *FASEB J*, 2012 26:811.16

90. Richmond L, Gonzales D, Crook T, and **Hakkak R**. Evaluation of Knowledge and Behavior Changes in Middle School Students. *FASEB J*, 2012 26:816.1
91. Al-Dwairi A, Simmen F, Fuchs G, Korourian S, and **Hakkak R**. Dietary modulation of liver lipogenic gene expression in obese female Zucker rats *FASEB J*, 2012 26:1023.5
92. **Hakkak R** and Korourian S. Effects of Dehydroepiandrosterone (DHEA) treatment on Liver Steatosis using DMBA-Induced Mammary Tumor Obese Zucker Rat Model. *FASEB J*, 2012 26:1023.7
93. **Hakkak R** and Korourian S. Does soy diet prevent or promote breast cancer development? BIT's 4th Annual World Cancer Congress-Breast Cancer Conference 2011, page 030. 2011.
94. Danielle D, Gonzales D, Hays N and **Hakkak, R**. Affects on timeliness of dietitian assessment in acute care: Nutrition screening in acute care related to hospital length of stay and timing of dietitian assessment. *FASEB J*, 2011 25:989.
95. Inebnit K, Gonzales D, Rodibaugh R and **Hakkak R**. Evaluation of Attitudes and Knowledge of Fruit and Vegetable Consumption among Second Graders: The Pick a Better Snack and Act Program. *FASEB J*, 2011 25:597.
96. Stogsdill G, Gonzales D, Hays H and **Hakkak R**. Post-Liver Transplant Weight Gain and its Effect on Cardiovascular Disease Risk Factors. *FASEB J* 2011 25:971.39.
97. Irgens J, Mayo J, Gonzales D, **Hakkak R** and Hays N. Energy drink consumption: comparing athletes vs. nonathletes at a private college in Arkansas. *FASEB J*, 2011 25:989.
98. Filla C, Gonzales G, **Hakkak R** and Hays N. Physical activity, dietary intake, and body weight changes from high school to college among first-year college students. *FASEB J*, 2011 25:989.
99. Frazier E, Gonzales D, Hays N and **Hakkak R**. Registered Dietitian Involvement in Interdisciplinary Rounds and its Effects on Intervention of Nutrition Support in Adult Ventilated Patients. *FASEB J*, 2011 25:971.38.
100. **Hakkak R**, Melnyk S and Korourian S. Effect of soy versus casein protein diet and obesity on S-adenosylmethionine (SAM), S-adenosylhomocysteine (SAH) ratio in liver of DMBA-induced mammary tumor formation in obese Zucker rats. *FASEB J*, 2011 25:782.15.
101. **Hakkak R**, Zeng H, Lacher C, Johnson LA and Korourian S. Obesity Decreases Serum Selenium levels in DMBA-Induced mammary Tumor using Obese Zucker Rat Model. *FASEB J*, 2011 25:977.12.



102. **Hakkak R**, Carroll P, Gonzales D, Crook T, Smith T, and Feild C. A Longitudinal study of Body Mass Index in Head Start Children: A ten year follow up, Southern Society for Pediatric Research, 2011 American Federation for Medical Research, 2011: 59:2;368.
103. Stanley C, Gonzales D, Carroll PA, Nelsen DA and **Hakkak R**. Nutrient intakes of individuals consuming a gluten-free diet compared to intakes of general American population and healthy eating guidelines. *J Am Diet Assoc.* 2010;110:9:A-13
104. **Hakkak R**, Shaaf S, Jo C, Talley L, and Korourian S. Effects of soy with high isoflavones vs. casein protein diet and obesity on plasma isoflavones levels using obese DMBA induced mammary tumor Zucker rat model. *FASEB J.* 2010; 24:728.5.
105. Karbassi BJ, Korourian S, Jo C, and **Hakkak R**. NG2 Expression in mammary gland and DMBA-induced tumor of obese Zucker rat model. *FASEB J.* 2010 ; 24:931.3.
106. Chowdhury P, Scott J, Holley A and **Hakkak R**. Obesity and laboratory diets affects tissue Malondialdehyde (MDA) levels in obese rats. *4th BioNanoTox.* 2009
107. **Hakkak R**, Carroll P, Gonzales D, Dawson A, Smith T, and Feild C. A Nine Year Follow-Up Study of Body Mass Index Percentiles in Head Start Children. *Obesity*, 2009; 17:S195.
108. Glenn L, Rodibaugh R, Carroll P, **Hakkak R**, and Harris M. Sustainable agriculture: An educational approach for the promotion of locally grown produce. *JNEB* 2009;41:4S:S1-2
109. Carroll PA, Looney RA, Johnson S, Dawson A, and **Hakkak R**. Nutrigenetics: Development of a standardized patient case to prepare dietetic interns for the future in nutritional counseling. *J Am Diet Assoc.*2009:S109:9:A54.
110. **Hakkak R**, Shaaf S, Jo C, Talley L, and Korourian S. Effects of soy vs. casein protein diet and obesity on DMBA-induced mammary tumor development. *FASEB J.* 2009 23:897.2.
111. **Hakkak R**, Shaaf S, MacLeod S, and Korourian S. Effects of Obesity, short-term soy vs casein protein diet and DMBA on Liver CYP 1A1 and CYP 1B1 Expression in Ovariectomized Obese Zucker Rats. *FASEB J.* 2009 23:897.1.
112. **Hakkak R**, Shaaf S, MacLeod S, and Korourian S. Effects of Long-Term Soy vs. Casein Protein Intake and Obesity on Serum Insulin-Like Growth Factor 1 (IGF-1) and IGFBP-3 Levels using Obese Female Zucker Rat Model. *FASEB J.* 2009 23:718.12.
113. Robken EA, Carroll PA, **Hakkak R**, Provost DC, and Harris MM. Impact of food record keeping and other contributing factors to weight loss success: Results from the

managing overweight and obesity in veterans everywhere (MOVE!) level 2 program. J Am Diet Assoc. 2008;108:A-41.

114. **Hakkak R**, Shaaf S, Dunn, H, MacLeod S, Fuchs G, and Korourian S. Effects of obesity and 7,12-dimethylbenz(a)anthracene (DMBA) treatment on hepatic CYP1A1 expression in ovariectomized obese Zucker rats. FASEB J. 2008 22:886.1.
115. **Hakkak R**, Shaaf S, MacLeod S, Cockrell G, and Korourian S. Effects of obesity on serum Insulin-Like Growth factor 1 (IGF-1) levels using DMBA-induced mammary tumors in Ovariectomized Zucker rat model. FASEB J. 2008 22:886.7.
116. **Hakkak R**, Shaaf S, Talley L, Fuchs G, and Korourian S. Soy protein diet protects against liver steatosis using DMBA-induced mammary tumors in Ovariectomized obese Zucker rat model. FASEB J. 2008 22:891.3.
117. Holly Kyzer, **Hakkak R**, Carroll PA, Hays N, and Harris M. Effectiveness of outpatient diabetes education on HbA1c levels. FASEB J. 2008 22:872.4.
118. Vargas, PA, Simpson PM, Feild CR, **Hakkak R**, Carroll PA, Magee JS, and Jones SM. The relationship between body mass index and asthma indicators among minority pre-school aged children. PAS, Toronto, 2007.
119. **Hakkak R**, Shaaf S, Korourian S, Banga A, and Owens R. Effects of obesity on serum and adipose tissue adiponectin levels using DMBA-induced Ovariectomized Obese Zucker model. Obesity 2007;15; A62.
120. McClelland A, Harris M, **Hakkak R**, Carroll P, and Rodibaugh R. “Healthy Lifestyle” Education Motivates Weight Loss and Behavior Changes. Obesity 2007;15; A102.
121. Looney RA, Rodibaugh R. **Hakkak R**, Carroll P, and Harris M, Should We Teach Schoolteachers Nutrition Sciences to Impact Obesity in Children? Obesity 2007;15; A143.
122. **Hakkak R**, Shaaf S, Talley L, and S Korourian. A New Animal Model for Studying Obesity and Breast Cancer Research. The International Society for the Prevention of Tobacco Induced Diseases, ISPTID; 2007: 6:56.
123. Morgan ML, Sullivan DH, Evans WJ, Harris M, Carroll PA, **Hakkak R**, and Hays NP. Dietary Glycemic Load and Insulin Sensitivity in the Elderly. J Am Diet Assoc. 2007.;S107:8:A77.
124. Tumilson KM, Harris M, **Hakkak R**, and Carroll PA. Student Behavior Outcomes of an Expanded Nutrition Curriculum in Culinary School of Apprenticeship. J Am Diet Assoc. 2007.;S107:8:A56.

125. **Hakkak R**, MacLeod S, Shaaf S, Holley AW, Simpson P, Fuchs G, Jo CH, Kieber-Emmons T, and Korourian S. Obesity Increases the Incidence of 7,12-dimethylbenz(a)anthracene-Induced Mammary Tumors in Ovariectomized Zucker Rat Model. *Am Assoc Cancer Res.* 2007; 48:614.
126. **Hakkak R**, MacLeod S, Shaaf S, Talley L, and Korourian S. Estrogen Receptor Expression of DMBA-Induced Mammary Tumors in Intact and Ovariectomized Lean and Obese Zucker Rats. *FASEB J.* 21:A734, 2007.
127. Melnyk S, Holley A, James SJ, and **Hakkak R**. Effects of obesity on serum level of S-adenosylmethionine, S-adenosylhomocysteine and Adenosine in female Zucker rats following DMBA treatment. *FASEB J.* 21:A1096, 2007.
128. Richardson M, Harris M, Carroll P, Hays N, Johnson P, and **Hakkak R**. The effectiveness of diabetes education on the lipid profile and HbA1c in a proactive veteran population with Type 2 Diabetes Mellitus. *FASEB J.* 21:A304, 2007.
129. Tacker D, Harris M, Carroll P, Hays N, Johnson P, and **Hakkak R**. Diabetes education lowers HbA1c and weight veteran population with Type 2 Diabetes. *FASEB J.* 21:A304, 2007.
130. Bennett M, Harris M, Carroll P, Hays N, Johnson P, and **Hakkak R**. Association of body mass index and pulmonary function tests in cystic fibrosis patients. *FASEB J.* 21:A706, 2007.
131. Hauk G, Sullivan D, Evans BJ, **Hakkak R**, Harris M, Carroll P, and Hays N. Association of dietary intake and physical activity with intramyocellular lipid content in older men and women. *FASEB J.* 21:A1069, 2007.
132. Bryant L, Gurley B, Allen C, Harris M, and **Hakkak R**. Hemodynamic and Electrocardiographic Effects of “Ephedra-free” dietary Supplements. *FASEB J.* 21:A1087, 2007.
133. **Hakkak R**, Shaaf S, MacLeod S, Talley L, and Korourian S. Effects of Obesity on Serum DHEA and DHEA Sulfate Levels Using the Obese Zucker Rat as a Model for Breast Cancer Development. *Obesity*, 14:A134, 2006.
134. **Hakkak R**, Holley AW, Shaaf S, Cockrell G, and MacLeod S. Effects of obesity and short-term dietary manipulations on serum Insulin and leptin levels in female Zucker rats following DMBA treatment. *FASEB J.* 20:A1029, 2006.
135. **Hakkak R**, Holley AW, Talley L, and Korourian S. Effects of obesity and casein or soy protein diet on liver steatosis in Female Zucker rats following DMBA treatment. *FASEB J.* 20:A1039, 2006.

136. Chowdhury P, Scott J, Holley AW, and **Hakkak R**. Effects of obesity and diet on tissue Malondialdehyde (MDA) levels, a biomarker of lipid peroxidation, in obese Zucker rats following DMBA treatment. *Obesity Research*, 13:A170, 2005.
137. **Hakkak R**, Holley AW, Bunn RC, Winters A, and MacLeod S. Effects of obesity on serum Insulin Growth Factor 1 (IGF-1) levels in lean and obese female Zucker rats following DMBA treatment. *FASEB J*. 19:A993, 2005.
138. **Hakkak R**, Holley AW, MacLeod S, Simpson P, and Korourian S. Obesity Promotes DMBA-Induced Mammary Tumor Development in Female Zucker Rats. *FASEB J*. 19:A774, 2005.
139. **Hakkak R**, Holley AW, Gno F, and Owens R. Effects of obesity on serum adiponectin levels and breast cancer development in lean and obese female Zucker rats following DMBA treatment. *FASEB J*. 19:A993, 2005.
140. **Hakkak R**, Holley AW, Devareddy L, and Arjmandi B. Effects of obesity on bone mass in female zuckler rats following DMBA treatment. *FASEB J*. 19:A993, 2005.
141. Whitehead T, Holley AW, Kieber-Emmons T, Korourian S, and **Hakkak R**. Metabolic phenotype of the DMBA-induced mammary tumor in obese female Zucker Rats. *Am Assoc Cancer Res*. 2005; 46:6074.
142. Carroll PA, **Hakkak R**, Kahn R, Vannatta P, and Wheeler G. Nutritional curricula development for first-year medical students in an interdisciplinary training with dietetic interns. *J Am Diet Assoc*. 2004;S104:8:A36.
143. **Hakkak R**, Kahn RF, Vannatta PM, O'Sullivan PS, Wheeler G, and Carroll PA. How are 3rd year medical students using a booklet to guide cardiovascular risk and nutrition assessments in practice? *FASEB J*. 18:A121, 2004.
144. **Hakkak R**, Kahn RF, Vannatta PM, O'Sullivan PS, Wheeler G, and Carroll PA. Development of cardiovascular disease and nutrition assessment booklet for 3rd year medical students in a family practice clerkship. *FASEB J*. 18:A121, 2004.
145. **Hakkak R**, Carroll PA, and Petty ME. Evaluation of a model for providing nutrition education to K-12 teachers and nurses via a six-month follow-up survey. *FASEB J*. 18:A506, 2004.
146. **Hakkak R**, Carroll PA, Smith KR, and Feild CR. A two year follow-up study of body mass index percentiles in Head Start children. *FASEB J*. 18:A846, 2004.
147. Lawson PR, Rodibaugh R, O'Sullivan P, Petty ME, and **Hakkak R**. A follow-up evaluation in nutrition education on the health benefits of using functional foods. *FASEB J*. 18:A768, 2004.

148. Carroll PA, Cantrell M, and **Hakkak R**. Enhancement of a Dietetic Internship Counseling Curricula by Objective Structured Clinical Examination (OSCE) and Training with Standardized Patients (SP). *J Am Diet Assoc.* 2004;S103:9; A91.
149. Lawson T, Petty M, Mercado C, Rodibaugh R, and **Hakkak R**. Development and evaluation of a nutritional education program on the health benefit of functional foods. Annual Meeting of The American Dietetic Association, San Antonio, Texas, October, 2003.
150. Badger TM, Korourian S, **Hakkak R**, Ronis MJJ, Fletcher T, Hale, Ferguson M, Holder D, Parker J, Treadaway P, and Badger TM. Whey protein hydrolysate, but not intact whey protein, protects against DMBA-induced mammary tumors in rats. *Am Assoc Cancer Res.* 44: 199, 2003.
151. **Hakkak R**, Carroll, PA, Rephan S, and Petty M. A model for providing nutrition education to the high school teachers by using partners in health science program. *FASEB J.* 17: A1094, 2003.
152. **Hakkak R**, Korourian S, Fletcher T, Hale J, Ferguson M, Ronis MJJ, and Badger TM. The effects rice protein isolate on DMBA-induced mammary tumors in rats. *Am Assoc Cancer Res.* 43: 823, 2002.
153. **Hakkak R**, Korourian S, Fletcher T, Hale K, Ferguson M, Holder D, Parker J, and Ronis MJJ, Treadaway P, Badger TM. The effects of soy protein isolate containing negligible isoflavones and of casein on DMBA-induced mammary tumors in rats. *Am Assoc Cancer Res.* 43: 823, 2002.
154. Ronis MJJ, Hardy H, Badeaux J, Curtis C, **Hakkak R**, and Badger TM. Effects of dietary soy protein isolate on hepatic CYP3A activity, expression and inducibility in the 25 day old male sprague-dawley rat. *FASEB J.* 2002;16: A643.
155. Ronis MJJ, **Hakkak R**, Fletcher T, Ferguson M, Ferguson S, Badeaux J, Perrien D, Lumpkin CK, Hogue W, Suva L, and Badger TM. Effects of altered dietary protein source on tibial trabecular bone density in intact and ovariectomized female rats. *FASEB J.* 2002;16: A643.
156. Ronis MJJ, Hardy H, **Hakkak R**, and Badger TM. Effects of dietary soy protein isolate on hepatic CYP1A1/2 and CYP2B1 activity, expression and inducibility in the 25 day old male Sprague-Dawley rat. *FASEB J.* 2002;16: A643.
157. Ronis MJJ, Hardy H, **Hakkak R**, and Badger TM. Effects of dietary whey protein on hepatic CYP1A1/2 activity, expression and inducibility in the 25 day old male Sprague-Dawley rat. *FASEB J.* 2002;16: A643.
158. Ronis MJJ, He J, Rowlands JC, **Hakkak R**, and Badger TM. Soy and whey proteins down-regulate DMBA-induced mammary gland CYP1 expression in female rats. *FBSEB J.* 2002;16: A371.

159. Fang N, Ronis MJJ, Hardy H, Irby D, Rowlands JC, **Hakkak R**, and Badger TM. Characterization of new medazolam metabolites generated by hepatic microsomes from dexamethasone-induced male rats by LC-MS/MS. *FASEB J.* 2002;16: A244.
160. Kahn A, O' Sullivan P, Vannatta P, and **Hakkak R**. A supermarket tour and its influence on medical students' nutrition knowledge and attitudes. *FASEB J.* 2002;16: A609.
161. Ronis MJJ, Badger TM, **Hakkak R**, Korourian S, Albano E, Ingelman-Sundberg M, and Lindros KO. Lack of sex differences in alcohol-induced liver damage in rats fed low carbohydrate diets, *The Toxicologist* 66: 231; 2002.
162. Badger TM, **Hakkak R**, Irby D, Sweeny J, Mercado C, Perry M, Weatherford C, Shelnett S, and Ronis MJJ. Effects of pregnancy and diet on pulsatile ethanol excretion in female rats fed via total enteral nutrition, *The Toxicologist* 66: 366; 2002.
163. **Hakkak R**, Ronis MJJ, Korourian S, Fletcher T, Ferguson M, Perry M, Sharp S, Reeves M, Prior R, and Badger TM. Effects of the dietary antioxidants butylated hydroxytoluene (BHT) and N acetyl cysteine (NAC) on alcohol-induced liver damage in a rat model utilizing total enteral nutrition, *The Toxicologist* 66: 231; 2002.
164. Ronis MJJ, Fletcher T, Fergusson M, Hale K, Gardner B, Zipperman M, **Hakkak R**, Hogue W, Suva L, and Badger TM. Alcohol exacerbates bone loss in pregnant rats even in the presence of adequate nutrition. *Alcoholism Clinical & Experimental Research.* 26; 142A, 2002.
165. Ronis MJJ, Korourian, S, **Hakkak R**, Yoon S, Ingelman-Sundberg M, Albano E, Lindros K, and Badger TM. Liver pathology and changes in hepatic cytokine profiles in male and female rats treated chronically with ethanol as part of a low carbohydrate diet. *Alcoholism Clinical & Experimental Research.* 26; 67A, 2002.
166. Badger TM, Fletcher T, Fergusson M, Hale K, Gardner B, Zipperman M, **Hakkak R**, and Ronis MJJ. A new paradigm to determine the effects of ethanol in pregnancy: Overnight ethanol infusion in pregnant rats utilizing total enteral nutrition. *Alcoholism Clinical & Experimental Research.* 26; 118A, 2002.
167. Korourian S, **Hakkak R**, Fletcher T, Fergusson M, Hale K, Ronis MJJ, and Badger TM. Inhibition of CYP2E1 and ADH does not inhibit alcohol-induced liver damage in a rat model utilizing low carbohydrate total enteral nutrition. *Alcoholism Clinical & Experimental Research.* 26; 66A, 2002.
168. Carroll PA, Smith K, Feild C, and **Hakkak R**. Development of a Community-Based Learning Experience for Dietetic Interns at an Academic Medical Center Sponsored Head Start Program. *J Am Diet Assoc* 9: A-67, 2001.

169. **Hakkak R**, Baker V, and Carroll PA. A Standardized Patient Program for Teaching Medical Nutrition Therapy to Dietetic Interns and Graduate Students. *J Am Diet Assoc* 9: A-10, 2001.
170. Badger TM, Fletcher T, Ferguson M, Hale K, Sharp S, **Hakkak R**, and Ronis MJJ. Time course of CYP2E1 induction, steatosis and alcohol-induced liver damage in a rat model utilizing total enteral nutrition (TEN). *Alc. Clin. Exp. Res.*, 2001.
171. Badger TM, Ronis MJJ, **Hakkak R**, Korourian S, Albano E, Ingelman-Sundberg M, and Lindros K. Intra-gastric versus liquid diet models of alcohol-induced liver damage using low carbohydrate concentrations, Proc. 8th ESBRA Congress, Paris September 2001, *Alcohol & Alcoholism*, 2001.
172. Ronis MJJ, Badger TM, **Hakkak R**, Korourian S, Albano E, Ingelman-Sunberg M, and Lindros K. Lack of sex differences in alcohol-induced liver damage using two rodent models with low carbohydrate diets, Proc. 8th ESBRA Congress, Paris September 2001, *Alcohol & Alcoholism* 2001.
173. Badger TM, Ronis MJJ, **Hakkak R**, Korourian S, Albano E, Ingelman-Sunberg M, and Lindros K. Ethanol-induced hepatotoxicity in male rats fed low carbohydrate diets: intra-gastric vs. liquid diet models, *The Toxicologist*, 60: 346. 2001.
174. **Hakkak R**, Korourian S, Fletcher T, Mercado C, Holder D, Ronis M, and Badger TM. Effects of dietary saturated fat on growth and ethanol-induced hepatotoxicity in male rats. *The Toxicologist*, 60: 347. 2001.
175. **Hakkak R**, Korourian S, Ronis M, Rowlands C, and Badger TM. Effects of whey protein consumption on initiation and promotion of DMBA-induced mammary tumors in rats. *Proc. Am. Assoc. for Cancer Research*. 42: 892. 2001.
176. **Hakkak R**, Korourian S, Fletcher T, Hale K, Holder D, Ferguson M, Ronis M, Rowlands C, and Badger TM. Effects of whey protein consumption in different stages of life on protection of DMBA-induced mammary tumors in rats. *Am. Assoc. for Cancer Research*. 42: 311. 2001.
177. Cimino C, Ronis M, Rowlands C, **Hakkak R**, Zhang Z, and Badger TM. New methods for identification of isoflavone conjugates in urine and plasma, *FASEB J*. 15: A985. 2001.
178. Ronis M, Mercado C, Holder D, Sharp S, Irby D, **Hakkak R**, and Badger TM. Inducer-specific effects of dietary protein source on CYP2B1 expression and activity in male rat liver. *FASEB J*. 15: A627. 2001.
179. Bode A, McCabe B, **Hakkak R**, Rodibaugh R, and Vogel R. Evaluation of pre-recorded messages as a method of delivering nutrition education. *Proceeding Of Society for Nutrition Education 34th Annual Conference*, Vol. 34, NO. 1, 2001.

180. Khalil M, Savidge M, **Hakkak R**, and Hine J. The patterns of dietary supplement use among breast cancer patients in Arkansas. *American Journal of Clinical Oncology*, 2001.
181. Rowlands C, Ronis MJJ, **Hakkak R**, and Badger TM. Developmental expression of GST activities in female Sprague-Dawley rats fed soy protein isolate, whey protein or casein-based diets. *Proceedings of American Association for Cancer Research*. 2000; 41:443.
182. Rowlands C, Brewer TL, **Hakkak R**, and Badger TM. Effects of Soy-protein isolate or whey protein on rat mammary epithelium. *FASEB J* 2000; 14:A240.
183. **Hakkak R**, Korourian S, Weatherford C, Ronis M, Rowlands C, and Badger TM. Effects of whey protein consumption pre- and post-weaning on DMBA-induced mammary tumors in rats. *FASEB J* 2000; 14:A718.
184. Badger TM, Ronis MJJ, Heard G, Cimino C, **Hakkak R**, Korourian S, Rowlands C, and Bottje W. Changes in hepatic GSH, GSSG associated with alcohol-induced liver damage in rats continuously infused with ethanol in a model utilizing total enteral nutrition. *FASEB J*. 2000; 14:A492.
185. Badger TM, **Hakkak R**, Shelnutt S, Ronis M, and Rowlands C. Long-Term use of soy protein isolate: Lack of apparent toxic effects? *J. Nutrition* 130: 666S, 2000.
186. Badger TM, **Hakkak R**, Korourian S, Shelnutt S, Ronis M, and Rowlands C. Dietary prevention of breast and colon cancer: plant and animal factors. *International Conference on Diet and Prevention of Cancer*. 1999; S7.31.
187. **Hakkak R**, Korourian S, Ronis M, Irby D, Kechelava S, Rowlands C, Benson J, Weatherford C, Lansing S, and Badger TM. Dietary prevention of mammary cancer in multiparous female rats by whey protein, but not soy protein isolate. *Proceedings of American Association for Cancer Research*. 1999; 40:56.
188. **Hakkak R**, Korourian S, Ronis M, Irby D, Kechelava S, Rowlands C, Benson J, Weatherford C, Parker J, and Badger TM. Dietary Soy protein isolate or whey protein protects against AOM-induced colon cancer in male rats. *Proceedings of American Association for Cancer Research*. 1999; 40:303.
189. Badger TM, **Hakkak R**, Korourian S, Shelnutt S, Ronis M, and Lansing S. Diets containing whey protein or soy protein isolate protect against DMBA-induced mammary cancer in rats. *Proceedings of American Association for Cancer Research*. 1999; 40:652.
190. **Hakkak R**, Korourian S, Ronis M, Shelnutt S, Lansing S, Sweeney J, Irby D, Weatherford C, and Badger TM. Dietary soy or whey prevent DMBA-induced breast cancer in rats: effects of diets fed over two generations. *FASEB J* 1999; 13:A583.



191. Badger TM, **Hakkak R**, Korourian S, Ronis M, Rowlands C, and Shelnutt S. Differential and tissue specific protective effects of diets formulated with soy or whey proteins on chemically-induced breast and colon cancer. *FASEB J* 1999; 13:A583.
192. Badger TM, Ronis M, **Hakkak R**, Rowlands C, and Shelnutt S. Effects of lifetime consumption of diets containing soy protein isolate on expression and glucocorticoid-inducibility of CYP3A and CYP2B enzymes in male rat liver. *Toxicological Sciences* 1999; 48:409.
193. Rowlands C, **Hakkak R**, Ronis M, Strobel H, and Badger TM. Chronic ethanol treatment differentially affects the expression of CYP3A enzymes in the liver of male rats. *Toxicological Sciences* 1999; 48:409.
194. Badger TM, Ronis M, **Hakkak R**, Benson J, Irby D, Mercado C, Weatherford C, and Cole F. Effects of lifetime soy diet consumption on reproductive physiology, Fertility and growth in rats. *FASEB J* 1999; 13:A583.
195. Ronis M, Mercado C, Hird G, Rowlands C, **Hakkak R**, and Badger TM. Effects of dietary consumption of soy protein isolate on expression and inducibility of CYP1A enzymes in rat liver. 1999 *FASEB J* 1999; 13: A219.
196. Badger TM, Ronis MJ, Shelnutt S, **Hakkak R**, Irby D, J Sweeny, Mercado C, Lehigh M, and Weatherford C. Pulsatile ethanol excretion during pregnancy in the TEN rat model: effects of Diet. *Alc. Clin. Exp. Res.* 1999.
197. Badger TM, Ronis MJ, **Hakkak R**, Fletcher T, Lehigh M, and Mercado C. Ethanol “super-induction” of hepatic CYP 2E1 in rats fed intragastric diets with low carbohydrate to fat ratios. *Alc. Clin. Exp. Res.* 1998;22:107.
198. Badger TM, Saviers M, Glasier E, Ronis M, **Hakkak R**, Irby D, Sweeney J, and Weatherford C. A model of prenatal alcohol exposure: sleep time response to first adult ethanol challenge. *CPDD Proc* 1998.
199. **Hakkak R**, Ronis MJ, Mercado C, Irby D, Lehigh M, and Badger TM. Effects of dietary carbohydrate and chronic ethanol treatment on expression of CYP 3A2, CYP 4A1 and CYP 2B1 in the liver of male rats. *Toxicological Sciences.* 1998;42:19.
200. Badger TM, Korourian S, **Hakkak R**, Ronis MJ, Shellnutt S, and Waldron J. Chronic alcoholic effects: the carbohydrate to fat ratios as a factor rat CYP 2C11 expression. *Toxicological Sciences.* 1998;42:22.
201. **Hakkak R**, Korourian S, Ronis MJ, Irby D, Kechelava S, Shelnutt S, and Badger TM. Protection against DMBA-induced breast cancer in female rats by life time soy consumption. *Proceedings of American Association for Cancer Research.* 1998; 39:389.

202. Badger TM, Korourian S, **Hakkak R**, Ronis MJ, Shellnutt S, and Waldron J. Carbohydrate deficiency as a possible factor in ethanol-induced hepatic necrosis. *Alcoholism: Clinical and Experimental Research*. 1998; 22:742.
203. Ronis M, **Hakkak R**, Rowlands C, Irby D, Mercado C, Lehigh M, and Badger TM. Effects of soy feeding on CYP3A-dependent monooxygenase activity and induction in male rat liver. *FASEB Journal* 1998;12:A795.
204. Badger TM, King S, Cimino C, **Hakkak R**, Ronis M, Rowlands C, Shellnutt S, and Mercado C. Free and conjugated isoflavones in rat and human urine following ingestion of soy protein isolate. *FASEB Journal* 1998; 2:A828.
205. Divine JK, Hine RJ, **Hakkak R**, and Demenci L. Dietary methionine and its relationship to plasma homocysteine levels in children and adolescents. *FASEB Journal* 1998; 12:A228.
206. Badger TM, **Hakkak R**, Irby D, Glover P, Lyons K, Harvey C, and Ronis MJ. Effects of chronic ethanol and beer consumption on hepatic microsomal monooxygenase activity and cytochrome P450 expression in the pig. *Fundamental and Applied Toxicology*. 1997; 36:82.
207. **Hakkak R**, Korourian S, Ronis MJ, and Badger TM. Effects of total enteral nutrition and chronic ethanol treatment on liver damage in male rats. *The Toxicologist*. 1997; 36:228.
208. Badger TM, Ronis MJ, Hoog JO, McGehee RE, **Hakkak R**, and Ingelman-Sunberg M. Simultaneous induction of CYP2E1 and ADH mRNA levels correlate with blood ethanol pulses in the TEN-fed rats. *Alcohol Alcoholism* 1997; 32:398.
209. Badger TM, Korourian S, **Hakkak R**, Ronis MJ, Shellnutt S, and Waldron J. Alcohol-induced liver damage of rats: Dietary carbohydrate can be an important factor. *Alc Clin Exp Res*. 1997; 21:122A.
210. Badger TM, Korourian S, **Hakkak R**, Ronis MJ, Shellnutt S, and Waldron J. The use of total enteral nutrition (TEN) for the study of chronic alcohol effects in rats and pigs: The carbohydrate to fat ratios as a factor in hepatic necrosis. Presented at the First Bordeaux Basic and Clinical Research Conference: "Alcohol, Liver and Nutrition: Utility of the enteral (Tsukamoto/French) alcohol feeding model. Sponsored in part by NIAAA, September, 1997.
211. Ronis MJ, **Hakkak R**, Irby D, S King, C Cimino, and Badger TM.: Development of a rat total enteral nutrition (TEN) model for delivery of high levels of dietary phytoestrogens using soy protein isolate. Symposium on Phytoestrogen Research Method. Tusan Arizona 1997.
212. Cimino C, King S, Ronis MJ, **Hakkak R**, Torres A, and Badger TM. Development of LC-MS procedure for quantitation of free and conjugated phytoestrogens in human urine: Application in pharmacokinetic studies following soy consumption. Symposium on Phytoestrogen Research Method. Tusan Arizona 1997.

213. **Hakkak R**, Ronis MJ, Mercado C, and Badger TM. Effects of dietary fat and chronic ethanol treatment on expression of CYP 3A in different segments of small and large intestine of male rats. *Fundamental and Applied Toxicology*. 1996; 30:73.
214. Badger TM, **Hakkak R**, King S, Shaw M, and Ronis MJ. The effect of dietary lipid content and composition on hepatic P450 isozymes and estradiol metabolism in female rats fed via a system of total enteral nutrition (TEN). *Fundamental and Applied Toxicology*. 1996; 30:317.
215. Ronis MJ, **Hakkak R**, King S, Mercado C, Irby D, Parker J, and Badger TM. The effects of chronic ethanol on hepatic sex steroid metabolism in a rat model utilizing total enteral nutrition (TEN) with diets differing in fat content. *Alcoholism Clinical and Experimental Research*. 1996; 20:113A.
216. Ronis MJ, **Hakkak R**, ElDieb M, and Badger TM. Interactions of the phytochemical isosafrole with cytochrome P450 2E1 in male rat liver IN VITRO and IN VIVO. *ISSX Proceeding*, 1996; 10:209.
217. **Hakkak R**, Ronis MJ, and Badger TM. Effects of total enteral nutrition and chronic ethanol treatment on expression of CYP 4A isozymes in colon of male rats. *Fundamental and Applied Toxicology*. 1995; 15:120.
218. Aronson J, Shen XC, Irby D, Skinner RA, Dixon DC, Wilcox TL, **Hakkak R**, Puskarich-May C, Badger TM, and Lumpkin CK. The impact of Total Enteral Nutrition on distraction Osteogenesis in a Rat Model. *Orthopedic Res. Soc*, 41st meeting, 1995.
219. **Hakkak R**, Eldieb M, Ronis MJ, McGehee R, and Badger TM. Induction of Cytochrome P450 isozymes by classical inducers in the small intestine of the male rat. *Toxicologist* 1994; 14:140.
220. **Hakkak R**, Korourian S, Kechelava S, Ronis MJ, Ingelman-Sundberg M, and Badger TM. Effects of total enteral nutrition and ethanol treatment on expression of cytochrome P450 isozymes CYP 2E1 and CYP2C7 in the colon of the male rat. *ISSX Proc.* 1994; 6:200.
221. Ronis MJ, Badger TM, Thomas PE, and **Hakkak R**. Cytochrome P450-dependent metabolism of steroids and xenobiotics in adipose tissue: P450 isozymes occurrence, sexual dimorphism and regulation. *ISSX Proc.* 6:163, 1994.
222. **Hakkak R**, Ronis MJ, Mercado C, Lyons K, and Badger TM. Effects of castration and testosterone replacement on expression of cytochrome P450 isozymes in the small intestine of the male rat. *Toxicologist* 1993; 13:59.
223. Wang S, Graupner W, Bottje W, **Hakkak R**, and Badger TM. Effects of castration and chronic ethanol on glutathione (GSH) PGI2 in a model using Total Enteral Nutrition (TEN) in adult male rats. *FASEB.J.* 1993;4:A845.

224. Hendry WJ, **Hakkak R**, and Harrison RW. An analysis of autologous glucocorticoid receptor protein regulation in AtT-20 cells also reveals differential specificity of the BuGR2 monoclonal antibody. *Endocrinology (suppl.)* 1992; 130:152.
225. **Hakkak R**, Ronis MJ, Irby D, Mercado C, Eldib M, and Badger TM. Modulation of hepatic and duodenal microsomal monooxygenase by dietary lipid and ethanol in a model system utilizing Total Enteral Nutrition (TEN). *Toxicologist* 1992; 12:405.
226. Badger TM, Ronis MJ, Valentine C, Lumpkin C, **Hakkak R**, Huang J, and Irby D. Gonadal factors and ethanol's actions on hepatic drug metabolism: effects on cytochrome P450 CYP 2C11. *Proceedings of the CPDD Symposium.* 1992; 119:385.
227. Ronis MJ, Lumpkin CK, Eldieb M, **Hakkak R**, Valentine C, Ingelman-Sunberg M, Thomas PE, and Badger TM. Induction and suppression of rat hepatic microsomal cytochrome P450 isozymes by chronic ethanol in a system utilizing total enteral nutrition. *Toxicologist* 1991; 11:302.
228. Hendry WJ, Cornett LE, and **Hakkak R**. Selective glucocorticoid resistance in a variant derived from the DDT1 MF-2 cell line. *Endocrinology (suppl.)* 1990; 126:65.
229. Hendry WJ and **Hakkak R**. Immunochemical manipulation of glucocorticoid receptor protein in living cells. *Endocrinology (suppl.)* 1989; 124:272.
230. Daniels LB, Nejad HH, and **Hakkak R**. Effects of different cation-anion on mucosal glucose absorption in vitro and in vivo in rabbits. *J. Dairy Sciences*, 1986. 69:197.

**Noteworthy Presentations:**

1. Obesity and Non-Alcoholic Fatty Liver Diseases: Possible Prevention by Diet and Drug. Keynote Speaker & Moderator at the 6th International conference on Obesity and Chronic Diseases, Virtual, June 21-23, 2021.
2. Impact of The Gut Microbiota on Cancer Development: Prevention vs Promotion. Winthrop P. Rockefeller Cancer Institute Grand Round, UAMS, March 4, 2020.
3. Soy protein diet and Non-alcoholic fatty liver protection; role of Methylation and Oxidative Stress. Keynote Speaker & Moderator at the 4th International conference on Obesity and Chronic Diseases, San Francisco, July 1-3, 2019.
4. Can your Gut Microbiota be blamed for Disease Development? Monthly Nutrition Seminar Series, Department of Dietetics and Nutrition, UAMS, November 8, 2018.
5. Obesity-associated Chronic Diseases Development: The Role of Gut Microbiota. Keynote Speaker & Moderator at the 3rd International conference on Obesity and Chronic Diseases, Los Angeles, July 23-25, 2018.

6. Gut Microbiota: A Key Orchestrator of Cancer Prevention or Promotion? Winthrop P. Rockefeller Cancer Institute Grand Round, UAMS, March 28, 2018.
7. Obesity and Breast Cancer Prevention by weight Loss. Winthrop P. Rockefeller Cancer Institute Grand Round, UAMS, January 24, 2018.
8. Can Your Gut Microbiota Help You to Prevent Cancer? Monthly Nutrition Seminar Series, Department of Dietetics and Nutrition, UAMS, October 12, 2017.
9. Obesity: Breast cancer and Liver Steatosis protection by weight loss. Keynote Speaker & Moderator at the 2<sup>nd</sup> International conference on Obesity and Chronic Diseases, San Francisco, July 6, 2017.
10. Obesity, Soy protein and Liver Steatosis. The 21<sup>st</sup> International Conference, Functional Foods and Bioactive Compounds in Health and Disease. San Diego; March 26, 2017.
11. Obesity and Cancer Risk; the Gut Microbiota Connection; Keynote speaker at the 1<sup>st</sup> International conference on Obesity and Chronic Diseases, Los Vegas, July 25, 2016.
12. Impact of Gut Microbiota on Chronic Disease development. Monthly Nutrition Seminar Series, Department of Dietetics and Nutrition, UAMS, March 10, 2016.
13. Obesity and Fatty liver Prevention by Diet and Weight Loss. Keynote Speaker at 3<sup>rd</sup> International Conference and Exhibition on Obesity & Weight Management. San Francisco, December 1, 2014.
14. Effects of Obesity on Serum Methylation and Oxidative Stress Biomarkers Following DMBA Treatment. Keynote speaker at 4<sup>th</sup> World Congress on Cancer Science & Therapy. Chicago, October 21, 2014.
15. Possible Dietary Intervention for Liver Steatosis Prevention; Monthly Nutrition Seminar Series, Department of Dietetics and Nutrition, UAMS, September 11, 2014
16. Cancer Prevention: Steps to Reduce Your Risk, Winthrop P. Rockefeller Cancer Institute Grand Round, UAMS, March 12, 2014.
17. Effects of Obesity and Soy protein diet on Serum Vitamin D Metabolites. 2<sup>nd</sup> International Conference and Exhibition on Obesity & Weight Management. Las Vegas, December 2, 2013, Keynote Speaker.
18. Effects of anti-obesity dietary supplement dehydroepiandrosterone (DHEA) treatment on serum methylation and oxidative stress biomarkers in DMBA-induced mammary tumor obese zucker rat's model. 3<sup>rd</sup> World Congress on Cancer Science & Therapy, San Francisco, October 21, 2013.

19. Cancer, The Lifestyle Connection; College of Pharmacy seminar series, UAMS, October 4, 2013.
20. Nutrition in Cancer, 14th Annual Geriatrics and Long-Term Care Update, Reynolds Center on Aging, UAMS, September 12, 2013.
21. Extra Body Fat and Breast Cancer Risk, International Conference and Exhibition on Obesity and Weight Management, Philadelphia, December 3, 2012.
22. Can Your Lifestyle Choices Influence Heart Disease Development? Department of Cardiology Grand Round, UAMS, October 24, 2012.
23. Your life style and risk of cancer development. Department of Applied Science; University of Arkansas at Little Rock, November 28, 2011.
24. Does soy diet prevent or promote breast cancer development? BIT's 4th Annual World Cancer Congress-Breast Cancer Conference, Guangzhou, China; Nov. 16, 2011
25. Extra Body Weight and Breast Cancer Risk, Winthrop P. Rockefeller Cancer Institute Grand Round, UAMS, March 9, 2011.
26. A Longitudinal study of Body Mass Index in Head Start Children: A ten year follow up, Southern Society for Pediatric Research, 2011 American Federation for Medical Research, New Orleans, Louisiana, February 19, 2011.
27. Anti-Obesity Dietary Supplement DHEA and Breast Cancer Development. Monthly Nutrition Seminar Series, Department of Dietetics and Nutrition, UAMS, November 18, 2010.
28. Obesity, Diet and Breast Cancer. Grand Forks Nutrition Center, Grand Forks, North Dakota, August 3, 2010
29. Obesity and Cancer. Arkansas Medical, Dental and Pharmaceutical Association, Peabody Hotel, Little Rock, June 9, 2010
30. Obesity and Breast Cancer: How about soy in the diet? Winthrop P. Rockefeller Cancer Institute Grand Round, UAMS, October 21, 2009.
31. Obesity, Soy Diet and Breast Cancer Risk. Monthly Nutrition Seminar Series, Department of Dietetics and Nutrition, UAMS, September 10, 2009.
32. Diet, Lifestyle and Cancer Prevention. Arkansas Health Management Association Annual meeting, May 7, 2008, Peabody Hotel. Little Rock, Arkansas.
33. Adiposity and Mammary Carcinogenesis. Cancer Prevention Grand Rounds, Roswell Park Cancer Institute, September 29, 2008, Buffalo, New York.

34. Risk of Breast cancer development in obese post-menopausal women, Animal model and Mechanism of Action. Department of Nutrition, Food and Exercise Sciences, Florida State University, February 7, 2008, Tallahassee, Florida.
35. A New Animal Model for Studying Obesity and Breast Cancer Research. The International Society for the Prevention of Tobacco Induced Diseases, November 3, 2007, Little Rock, Arkansas
36. Can Your Lifestyles Choices Affects Cancer Development? Arkansas Hospital Auxiliary Association, October 31, 2007, Governor Mansion, Little Rock, Arkansas
37. Diet and Ovarian Cancer, 5th Annual ovarian cancer survivors retreat, What about the disease that Whispers Arkansas Cancer Research Center, September 29, 2007, Little Rock, Arkansas.
38. Obesity and Cancer, Are you at Risk? UAMS Rural Hospital Program, August 23, 2007, Little Rock, Arkansas.
39. Obesity and Breast Cancer—An Animal Model Opens the Door for Research, Arkansas Cancer Research Center Foundation Board, June 6, 2007, Little Rock, Arkansas.
40. Diet, Obesity and Cancer, UAMS Foundation Fund Board Meeting, May 24, 2007, Little Rock, Arkansas.
41. Have You Checked the Color of Your Diet Lately? Keynote Speaker, Annual Meeting Arkansas Farmers Market Association, February 23, 2007, Hot Springs, Arkansas.
42. Obesity and Breast Cancer. Breast Cancer Challenge 2007, Big Cedar Lodge, Ridgedale, Missouri, February 19, 2007.
43. Breast Cancer: Another consequence of Obesity? Public Health Grand Rounds, Arkansas Department of Health, November 16, 2006.
44. Obesity and Breast Cancer: What is the Link? Monthly Nutrition Seminar Series, Department of Dietetics and Nutrition, UAMS, September 14, 2006.
45. Obesity and Breast Cancer Risk. Nutrition and Health Update, University of Arkansas, Division of Agriculture, Little Rock, May 4, 2006.
46. Can Lifestyle Choices Influences Breast Cancer Development? UAMS, 15th Annual Breast Health/Mammography Seminar, Little Rock, May 6, 2006
47. Obesity and Breast Cancer. UAMS, College Of Public Health, Little Rock, June 8, 2005.

48. Obesity Promotes DMBA-Induced Mammary Tumor Development in Female Zucker Rats. Annual Experimental Biology Meeting, San Diego, April 4, 2005.
49. Zucker Rats: A New Animal Model for Breast Cancer Research. Center of Excellence for Poultry, University of Arkansas at Fayetteville, November 1, 2004.
50. Obesity and Risk of Breast Cancer Development. UAMS Preventive Nutrition Project, UAMS, Little Rock, October 14, 2004.
51. Diet and Colon Cancer Prevention, Partner in Health Science with High School Teachers, College of Medicine, UAMS, Little Rock, July 27, 2004.
52. A two year follow-up study of body mass index percentiles in Head Start Children. Annual Experimental Biology Meeting, Washington DC, April 20, 2004.
53. A follow-up evaluation in nutrition education on the health benefits of using functional foods. Annual Experimental Biology Meeting, Washington DC, April 19, 2004
54. Partner in Health Science with High School Teachers, College of Medicine, UAMS “Is your diet saving your life”, Little Rock, July 23, 2003.
55. Second malignancies incidence in breast cancer patients, 94th Annual meeting for American Association for Cancer Research, Washington D.C., July 12, 2003.
56. Can your diet prevent cancer for you?, Health Research, Policy and Health Promotion Conference, College of Public Health, UAMS, Little Rock, May 20, 2003.
57. A model for providing nutrition education to the high school teachers by using partners in health science program, Annual Experimental Biology Meeting, San Diego, California, April 12, 2003.
58. Nutrition and Cancer Prevention, one CME for physicians, CME Conference, St. Vincent Health System, Little Rock, November 12, 2002.
59. Partner in Health Science with High School Teachers, College of Medicine, UAMS “Nutrition and Cancer: New Insight into Role of diet”, July 9, 2002.
60. Cancer: Prevention by Diet, University of Arkansas Cooperative Extension Service and UAMS Department of Dietetics and Nutrition Road to Wellness Workshop May 1, Little Rock, 2002.
61. UAMS Preventive Nutrition Project “Cancer: Power of Prevention by Healthy Diet” February 14, 2002.
62. Martin Luther King Magnet School faculty meeting “Importance Role of Diet on Cancer prevention”, Little Rock, November 5, 2001.



63. Arkansas Children's Nutrition Center "Diet and Breast Cancer Prevention: The Rat Model" October 17, 2001.
64. Partner in Health Science with High School Teachers, College of Medicine, UAMS "Prevention of Cancer, Role of diet", July 31, 2001.
65. Diet and Prevention of Cancer, Central Arkansas Dietetics Association, Little Rock, April 24, 2000.
66. Dietary prevention of mammary cancer in multiparous female rats by whey protein, but not soy protein isolate, American Cancer Association for Cancer Research, Philadelphia, April 1999,
67. Nutrition and Prevention of Cancer. American Society for Parental and Enteral Nutrition, Arkansas chapter, Little Rock, May 1999,
68. Effects of nutrition on alcohol and drug metabolism, Department of Dietetics and Nutrition, VA Hospital, September 1998,
69. Department of Dietetics and Nutrition, UAMS, August 1998, "Influence of nutrition on alcohol and drug metabolism and prevention of cancer, Department of Dietetics and Nutrition, UAMS, November 1997, "Interaction of alcohol and nutrition".
70. Department of Dietetics and Nutrition, UAMS, February 1995, "Effects of Nutrition on alcohol metabolism".
71. Society of Toxicology, Dallas, TX, March 1994. "Effects of Diet and chronic ethanol treatment on expression of CYP 4A in the colon of male rats".
72. Animal Science Department, University of Arkansas, Fayetteville, October 1993. "Nutrition, Alcohol, and Drug Metabolism".
73. Arkansas Cancer Research Center, UAMS, August 8, 1993. "Diet and Cytochrome P450 Expressions".

### **Administrative and Service Responsibilities:**

University and Professional

#### **Department of Dietetics and Nutrition:**

- |      |   |
|------|---|
| 2020 | MSCN Program Site visit by two external reviewers for UAMS Graduate School  |
| 2019 | Accreditation Site Visit, UAMS/CAVHS Dietetic Internship (The UAMS/CAVHS Dietetic Internship received an excellent review with few very minor comments) |

2018	Chair search committee for Dietetic Internship Director, Department of Dietetics and Nutrition
2017	Chair search committee for new faculty, Department of Dietetics and Nutrition
2015	Chair search committee for new faculty, Department of Dietetics and Nutrition
2013	Member of Arkansas Obesity Scientific and Research Symposium
2012	Chair search committee for new faculty, Department of Dietetics and Nutrition
2011	MSCN Program Site visit by UAMS Graduate Assessment Committee
2010-present	Member of advisory board for UAMS Summer Undergraduate Research Program
2010	Chair search committee for Dietetic Internship Director, Department of Dietetics and Nutrition
2010	Accreditation Site Visit, UAMS/CAVHS Dietetic Internship (The UAMS/CAVHS Dietetic Internship received an excellent review with few minor comments)
2009	Member of Arkansas Genetics Health Committee, Adult Subcommittee
2008	Member of Arkansas Coalition for Obesity Prevention
2006	Chair search committee for new faculty, Department of Dietetics and Nutrition
2006 - 2015	Member of the Grant Reviewer for College of Medicine Dean's Research Development Fund Grant
2006 - present	Member of the Grant Reviewer for Pilot Study for Bridging Fund, College of Medicine, UAMS
2005	Chair search committee for new faculty, Department of Dietetics and Nutrition
2005 - present	Grant Reviewer for Medical Research Endowment, UAMS
2005 - 2012	Grant Reviewer for Children University Medical Grant (CUMG) Arkansas Children Hospital Research Institute
2004	Member of UAMS Obesity Center Steering Committee
2004	Grant Reviewer for Medical Research Endowment, UAMS
2004 - present	Member of UAMS Research Council, UAMS
2003 - present	Member of Grievance Committee for College of Health Professions
2002 - 2011	Member of Arkansas Cardiovascular Health Program Steering Committee, Arkansas Department of Health.

2002 - 2010	Member of Arkansas Preventive Nutrition and Physical Activity
2002 - 2010	Member of Arkansas Healthy Aging Coalition Committee
2000	Accreditation Site Visit, UAMS/CAVHS Dietetic Internship (The UAMS/CAVHS Dietetic Internship received an excellent review with ten-year reaccreditation with no deficiencies or recommendations.)
2000	Directed the Self-assessment for Site Visit by UAMS Graduate School for MSCN program (MSCN received very successful review with very few comments.)
2000 - present	Organizer for Monthly Nutrition Seminar series for UAMS Preventive Nutrition Project.
2000 - 2003	Member of Promotion and Tenure Committee for College of Health Related Professions
2000	Grant Reviewer for Medical Research Endowment for UAMS
2000	Grand Marshal for Commencement for Graduate School (MSCN)
1999	Diploma Assistant for Commencement for College of Health Related Profession
9/1/1998 - present	Chairman, Department of Dietetics and Nutrition
5/1/1998-9/1/1998	Acting Chairman, Department of Dietetics and Nutrition
5/1/1998 - present	Member of UAMS/VA Dietetics Internship Coordinating Committee
1998 - present	Member American Association for Nutrition Chairman
1998	Grand Stair Marshal for Commencement for Graduate School
1997-1999	Member of Curriculum Committee of Graduate Council
1996-1999	Member of Graduate School Council
1995 - 2001	UAMS, Six Year Plan Graduate Education committee for Department of Dietetics and Nutrition.
1994 - present	Admissions committee for Master of Sciences for Clinical Nutrition.
1994 - 2000	Curriculum committee for Department of Dietetics and Nutrition.

**College of Health Professions:**

6/8/2021	Member of Arkansas Children's Research Institute faculty advisory committee
5/2020	Member of search committee for recruiting Associate vice chancellor for research and innovation, UAMS.
3/2020	Member of search/selection committee for recruiting Cancer researcher at The Winthrop P. Rockefeller Cancer Institute

3/2020	Member of Arkansas Children's Research Institute Surgical and Translational Research Lane
8/1/2019	Member of U of A and UAMS Research collaboration committee
3/2016-12/30/2017	Member of Promotion and Tenure Committee for College of Health Professions
2011	Grant reviewer for UAMS General Clinic Research Center (GCRC)
2010	Member of Search Committee for Dean of College of Health Related Professions
2009	Reviewer for UAMS Center for Clinical and TRI Pilot Awards Program
2009 - present	Medical Research Endowment grant selection committee member, UAMS
2007 - present	Member, UAMS Research Advisory Committee
2007	Member of Search Committee for Associate Dean for Academic and Student Affairs, College of Health Related Professions
2005	Member of Search Committee for Associate Dean for Administrative Affairs, College of Health Related Professions
2004	Member of Search Committee for Associate Dean for Academic and Student Affairs, College of Health Related Professions
2002	Member of Search Committee for Dean College of Pharmacy, UAMS
2002	Member of Committee for Faculty Incentive Plans, College of Health Related Professions
2002	Member of Search Committee for College Recruiter, College of Health Related Professions
1/14/2000 - 2009	Member of General Clinic Research Center (GCRC) Advisory Committee
7/1/1999 - 2007	Member of CHRP Minority Affairs Scholarship Committee

### **College of Public Health:**

2002	Member of Research Infrastructure for UAMS College of Public Health.
2001-2002	Member of Admissions committee for College of Public Health
2001-2002	Member of Curriculum Committee for College of Public Health

### **University of Arkansas for Medical Sciences:**

2021	Chair Organizing Committee for the 6th International conference Obesity and Chronic Diseases, Virtual, June 21-23, 2021. ICOCD-2021: <a href="https://obesity.unitedscientificgroup.org/pdfs/ICOCD_2021_Program.pdf">https://obesity.unitedscientificgroup.org/pdfs/ICOCD_2021_Program.pdf</a>
------	---

- 2019 Chair Organizing Committee for the 4th International conference Obesity and Chronic Diseases, San Francisco, July 1-3, 2019. ICOCD-2019: <https://unitedscientificgroup.com/conferences/obesity-and-chronic-diseases>
- 2018 Chair Organizing Committee for the 3rd International conference Obesity and Chronic Diseases, Los Angeles, July 23-25.  
ICOCD-2018: <https://www.unitedscientificgroup.com/conferences/obesity-and-chronic-diseases/>
- 2017 Chair Organizing Committee for the 2nd International conference Obesity and Chronic Diseases, San Francisco, July 6-8.  
ICOCD-2017: <http://unitedscientificgroup.com/conferences/obesity-and-chronic-diseases/2017/home.php>
- 2017 Co-chair “Current Research and Development of New Functional Products; 21<sup>st</sup> International Conference and Expo on Functional Foods. San Diego, March 26, 2017.
- 2016 Reviewer for the faculty research productivities at North Dakota Nutrition Center by USDA.
- 2016 Chair Organizing Committee for the 1<sup>st</sup> International conference Obesity and Chronic Diseases, Los Vegas, July 25-27.  
ICOCD-2016: <http://unitedscientificgroup.com/conferences/obesity-and-chronic-diseases/2016/>
- 2014 Chair session for Basic Science and Obesity; 3<sup>rd</sup> International Conference and Exhibition on Obesity & Weight Management. San Francisco, December 1, 2014
- 2014 Chair session for Advances in Cancer Detection, Imaging & Prevention, 4<sup>th</sup> World Congress on Cancer Sciences & Therapy, Chicago; October 21, 2014
- 2012 Chair, Health Risks Associated with Obesity, International Conference and Exhibition on Obesity and Weight Management, Philadelphia, December 3, 2012
- 2012 Reviewer for the faculty research productivities at North Dakota Nutrition Center by USDA.
- 2011 Co-Chair, Epidemiology, Genetics, and Prevention section; BIT's 4th Annual World Cancer Congress-Breast Cancer Conference, Guangzhou, China; Nov. 16, 2011
- 2010 Member of UAMS Promotion and Tenure Appeal Committee

- 2007 Chair, Tobacco Smoking Related Diseases Section, 6th Annual Conference of International Society for the Prevention of Tobacco Induced Diseases. November 2-4, 2007 Little Rock, AR.
- 2005 - 2013 Interviewer for medical student admissions at UAMS
- 2/1/1999 - 5/18/2000 Organizer for weekly Nutrition Research Seminar series at Arkansas Children's Nutrition Center.
- 1996-1999 Interviewer for medical student admissions at UAMS

**Faculty mentoring committee:**

Se-ran Jun, Ph.D.; Assistant Professor, Department of Bioinformatics, College of Medicine, UAMS (2019-present)

Yong-Moon Park, MD, Ph.D., Assistant Professor, Department of Epidemiology, Fay W. Boozman College of Public Health, UAMS (2021-present)

**Promotion and Tenure Reviewer/referee for the following faculty at different Institutes:**

- 2002 Purdue University Department of Foods and Nutrition Reviewer for a promotion to the rank of Associate Professor with tenure.
- 2007 Purdue University Department of Foods and Nutrition Reviewer for a promotion to the rank of Professor.
- 2008 South Dakota State University, Department of Nutrition, Food Science and Hospitality Reviewer for a promotion to the rank of Associate Professor with tenure.
- 2009 University of Cincinnati Medical Center, Department of Nutritional Sciences, College of Allied Health Sciences. Reviewer for a promotion to the rank of Professor.
- 2010 Oklahoma State University, Department of Nutritional Sciences. College of Human Environmental Sciences. Reviewer for a promotion to the rank of Associate Professor with tenure.
- 2011 Virginia Commonwealth University, Department of Microbiology and Immunology, School of Medicine (Richmond, VA. Reviewer for a promotion to the rank of Associate Professor with tenure.
- 2011 UAMS, Department of Geriatrics, College of Medicine. Reviewer for a promotion to the rank of Professor with tenure.

- 2012 UAMS, Department of Pediatrics, College of Medicine. Reviewer for a promotion to the rank of Professor.
- 2013 University Sains Malaysia, Penang, Malaysia, Department of Dietetics and Nutrition, Reviewer for a promotion to the rank of Professor with Tenure.
- 2015 Oklahoma State University, Department of Nutritional Sciences. College of Human Environmental Sciences. Reviewer for a promotion to the rank of Professor.
- 2016 University of California, UC Davis, Department of Internal Medicine, Reviewer for a promotion to the rank of Associate Professor.
- 2017 Virginia Commonwealth University, Department of Microbiology and Immunology, School of Medicine (Richmond, VA. Reviewer for a promotion to the rank of Professor.
- 2017 UAMS, Department of Internal Medicine, College of Medicine. Reviewer for a promotion to the rank of Associate Professor with Tenure.
- 2018 Texas Women University, Department Nutrition and Food Sciences, Reviewer for a promotion to the rank of Professor.
- 2018 Texas Tech University, Paul Whitfield Horn Professorship, Reviewer of packet and recommendation to Provost.
- 2019 University of Illinois, Department of Surgery, Reviewer for a promotion to the rank of Associate Professor with Tenure.
- 2020 Jordan University of Science and Technology (Jordan), Reviewer for a promotion to the rank of Associate Professor with Tenure.
- 2020 UAMS, Department of Pathology, College of Medicine. Reviewer for a promotion to the rank of Associate Professor.
- 2020 UAMS, Department of Family Medicine, College of Medicine. Reviewer for a promotion to the rank of Associate Professor with Tenure.
- 2020 Oklahoma State University, Department of Nutritional Sciences. College of Human Environmental Sciences. *External reviewer for Regents Professor.*
- 2021 Texas Tech University, Obesity Research Institute and Department of nutrition Sciences, College of Human Sciences. *Reviewer for Paul Whitfield Horn Distinguished Professorships.*

**Teaching:**

- 2002- 2013            **Course Director** for Advanced Nutrition Seminar (NUTR 5161)
- 2003- 2016            **Course Director** for Independent Study in Clinical Nutrition (NUTR 509V)
- 2004- 2016            **Course Director** for Advanced Clinical Practicum (NUTR 523V)
- 2018-2021            **Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, Online
- 2017-present        **Course Director** for Diet and Cancer Prevention, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 16 lectures online
- Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, Online
- 2016                   **Course Director** for Diet and Cancer Prevention, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 16 lectures with ½ lectures online
- 2016                   **Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, Online
- 2015                   **Course Director** for Diet and Cancer Prevention, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 16 lectures with ½ lectures online
- Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, Online
- 2014                   **Course Director** for Diet and Cancer Prevention, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 16 lectures with ½ lectures online
- Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, Online
- 2013:                   **Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours
- Course Director** for Diet and Cancer Prevention, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 16 lectures



- 2012            **Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours
- Course Director** for Diet and Cancer Prevention, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 16 lectures
- 2011            **Course Director** for Diet and Cancer Prevention, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 16 lectures
- Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours
- 2010            **Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 14 lectures, 42 hours
- 2009            **Course Director** for Diet and Cancer Prevention, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 16 lectures
- Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours
- 2008            **Course Director** for Advanced Nutrition and Metabolism (Macronutrient), Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours
- USMLE**, Step 2, Review Course for 3rd and 4th year medical students, Overview of Micronutrients Deficiency and Disease Process, College of Medicine, 1 lecture, 3 hours, July 14
- Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 14 lectures, 42 hours
- 2007            **USMLE**, Step 2, Review Course for 4th year medical students, Overview of Micronutrients Deficiency and Disease Process, College of Medicine, 1 lecture, 3 hours, July 31
- Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours
- 2006            **Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours
- 2005            **Course Director** for Advanced Nutrition Seminar, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course

**USMLE**, Step 2, Review Course for 4th year medical students, Overview of Micronutrients Deficiency and Disease Process, College of Medicine, 1 lecture, 4 hours, July 25

**Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours

2004

**Course Director** for Advanced Nutrition and Metabolism (Macronutrient), Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 10 lectures, 30 hours

**USMLE**, Step 2, Review Course for 4th year medical students, Overview of Micronutrients Deficiency and Protein-Calorie Malnutrition, College of Medicine, 1 lecture, 4 hours, July 29

**Course Director** for Advanced Nutrition and Metabolism (Micronutrient), Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours

2003

**Course Director** for Advanced Nutrition and Metabolism (Macronutrient), Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 12 lectures, 36 hours

**Course Director** for Advance Nutrition Support, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 2 lectures, 4 hours.

**Alcohol and Cancer** for Diet and Cancer Prevention course, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 1 lecture, 3 hours

**USMLE**, Step 2, Review Course for 4th year medical students, Overview of Micronutrients Deficiency, College of Medicine, 1 lecture, 4 hours, July 31.

**Course Director** for Advanced Nutrition and Metabolism, (Micronutrient) Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course 15 lectures, 45 hours

**Case Conference:** Gastrointestinal PBL case in Medical Physiology course for the 1st year medical students, Department of Physiology, College of Medicine, UAMS, May 1, 2 hrs.

2002

**Course Director** for Advanced Nutrition and Metabolism (Macronutrient), Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 8 lectures, 24 hours

**Course Director** for Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours

- 2001                    **Course Director** for Advanced Nutrition and Metabolism (Macronutrient), Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 18 hours
- USMLE**, Step 2, Review Course for the 4th year medical students, Water and Fat soluble vitamins, College of Medicine, 4 hours
- Course Director** for Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours
- 2000                    **Course Director** for Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours
- 1999                    **Course Director** for Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours
- 1998                    **Course Director** for Advance Nutrition Support, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 30 hours.
- Course Director** for Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 45 hours.
- 1997                    **Co-Course Director** for Advanced Clinical Nutrition, Spring semester, UAMS, Department of Dietetics and Nutrition, graduate school course, 1 lecture, 3 hours.
- Course Director** for Advance Nutrition Support, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 15 lectures, 30 hours.
- Special lecture:** Phytochemical and Nutrition for Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 1 lecture, 2 hours.
- Co-Course Director** for Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 3 lectures, 9 hours.
- 1996                    **Interaction of Nutrition and Alcohol on Drug Metabolism**, Advanced Nutrition and Metabolism, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 1 lecture, 3 hours.
- Course Director** for Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 13 lectures, 38 hours.

- 1995                    **Biotin, Thiamin, and Riboflavin**, Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 2 lectures, 6 hours.
- Alcohol and Nutrition**, Nutrition in Wellness, Health Promotion, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 1 lecture, 3 hours.
- 1994                    **Co-Course Director** for Advanced Nutrition Support, Fall semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 7 lectures, 21 hours.
- Thiamin and Biotin**, Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 2 lectures, 4 hours.
- 1993                    **Thiamin and Biotin**, Advanced Nutrition and Metabolism, Spring semester, UAMS, Department of Dietetics and Nutrition, Graduate School Course, 2 lectures, 4 hours.
- 1981-1986            **Biochemistry and Nutrition**, Department of Animal Science, University of Arkansas, Fayetteville, Arkansas, Instructor, 60 hours/year.
- 1980-1981            **Nutrition**, Department of Agriculture, Tarleton State University: Lab. Instructor, 60 hours/year.
- 1975-1977            **Chemistry**, Department of Chemistry, Sari University, Sari, Iran: Instructor, 80 hours/year.

**Workshops:**

**Facilitator and presenter:** UAMS Translational Research Institute (TRI), Mentorship at all levels; 1/12/2020

**Facilitator and presenter:** UAMS Translational Research Institute (TRI), Mentorship at all levels; 1/29/2021

**Co-Course Director:** “The Colon: Structure, Function and Cancer” as part of Partners in Health Science with High School Teachers, UAMS, College of Medicine, July 27, 2004.

**Course Director:** “Health verses cardiovascular disease, diabetes and cancer: kids and adults are what they eat” as part of Partners in Health Science with High School Teachers, UAMS, College of Medicine, July 23-24, 2003.

**Course Director:** “Role of diet in prevention of cardiovascular disease, diabetics (children and adults) and cancer” as part of Partners in Health Science with High School Teachers, UAMS, College of Medicine, July 9-10, 2002.

**Co-Course Director:** “Road to Wellness” By University of Arkansas Cooperative Extension Service” UAMS, May 1, 2002.

**Course Director:** “Role of diet in prevention of cancer and other disease” as part of Partners in Health Science with High School Teachers, UAMS, College of Medicine, July 31, 2001.

**Graduate Student Training:**

**Master of Science**

Past:

1. Sui-Ying Wang, MS, 1993 Graduate, Department of Animal Science; University of Arkansas, Fayetteville, member, Master Advisory Committee. (Major Advisor: Walter G. Bottje, PhD).
2. Renee Bethel, MS, 1995 Graduate, Department of Dietetics and Nutrition; UAMS, member, Master Advisory Committee. (Major Advisor: Margaret L. Bogle, PhD).
3. Joan Divine, MS, 1998 Graduate, Department of Dietetics and Nutrition; UAMS, member, Master Advisory Committee. (Major Advisor: Jean Hine, PhD).
4. Monique Robertson, MS., Spring 1999 Graduate, Department of Dietetics and Nutrition; UAMS, member, Master Advisory Committee (Major Advisor: Jean Hine, PhD).
5. Hanna Morse, Spring 1999, Department of Dietetics and Nutrition; UAMS, member, Master Advisory Committee (Major Advisor: Wayne Campbell, Ph.D).
6. Andrea Bode, Spring 2000, Department of Dietetics and Nutrition; UAMS, Major Advisor.
7. Maisaa Khalil, Fall 2000, Department of Dietetics and Nutrition; UAMS, member, Master Advisory Committee (Major Advisor: Jean Hine, PhD).
8. Christie Brooks, Fall 2001, Department of Dietetics and Nutrition; UAMS, member, Master Advisory Committee (Major Advisor: Beverly McCabe, PhD RD, LD).
9. Anita Bercher, Spring 2002, Department of Dietetics and Nutrition; UAMS, member, Master Advisory Committee (Major Advisor: Ronni Chernoff, PhD RD).
10. Brook Miller, Spring 2002, Department of Dietetics and Nutrition; UAMS, member Master Advisory Committee (Major Advisor: Beverly McCabe, PhD RD. LD).
11. Cathleen Staggs, Spring 2002, Department of Dietetics and Nutrition; UAMS, member Master Advisory Committee (Major Advisor: Beverly McCabe, PhD RD. LD).
12. Iris McDuffie, Spring 2002, Department of Dietetics and Nutrition; UAMS, member Master Advisory Committee (Major Advisor: Beverly McCabe, PhD RD. LD).

13. Patricia Lawson, Spring 2003, Department of Dietetics and Nutrition; UAMS, Major Advisor.
14. April Hubbs, Fall 2002, Department of Dietetics and Nutrition; UAMS, member, Master Advisory Committee (Major Advisor: Jean Hine, PhD).
15. Michele Hegans, Spring 2003, Department of Dietetics and Nutrition; UAMS, member, Master Advisory Committee (Major Advisor: Jean Hine, PhD).
16. Stephanie Neyman, Spring 2003, Department of Dietetics and Nutrition; UAMS, member, Master Advisory Committee (Major Advisor: Jean Hine, PhD).
17. April Teages: Spring 2004, Department of Dietetics and Nutrition; UAMS, Major Advisor
18. JoAnne Kiehn: Summer 2004, Department of Dietetics and Nutrition; UAMS, Major Advisor
19. Nikkei Harper: Summer 2004, Department of Dietetics and Nutrition; UAMS, Major Advisor
20. Deanna Tacker, Summer 2005, Department of Dietetics and Nutrition; UAMS, Major Advisor
21. Katie Tumilson, Summer 2005, Department of Dietetics and Nutrition; UAMS, Major Advisor
22. Gracen Hauk, Spring 2006, Department of Dietetics and Nutrition; UAMS, member of Master Advisory Committee (Major Advisor: Nick Hays, PhD).
23. Amy McClelland, Spring 2006, Department of Dietetics and Nutrition; UAMS, Master Advisory Committee (Major Advisor: Rosemary Rodibaugh, PhD).
24. Megan Bennett, Spring 2006, Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee, Master Advisory Committee
25. Mandy Mueller, Spring 2006, Department of Dietetics and Nutrition; UAMS, Advisor
26. Michel Morgan, Spring 2006, Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
27. Megan Richardson, Spring 2007, Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee

28. Holly Kaiser, Spring 2008, Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
29. Ruth Ann Looney, Spring 2007, Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
30. Lyndsey Bryant, Spring 2007, Department of Dietetics and Nutrition; UAMS, Major Advisor
31. Elizabeth Clover, Spring 2007; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
32. Erin Johnson, Spring 2008, Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
33. Anna Glenn, Fall 2008, Department of Dietetics and Nutrition; UAMS, Major Advisor
34. Elizabeth Frazier, Fall 2009 : Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
35. Carly Stanley, Fall 2009: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
36. Anna Pennington Spring 2010: Department of Dietetics and Nutrition; UAMS, Major Advisor
37. Katie Inebnit, Spring 2010: Department of Dietetics and Nutrition; UAMS, Major Advisor
38. Charlotte Filla, Spring 2010: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Nick Hays, PhD).
39. Gracen Stogsdill, Spring 2010: Department of Dietetics and Nutrition; UAMS, Major Advisor
40. Jessica Irgens, Summer 2010: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Nick Hays, PhD).
41. Alisa Brown, Fall 2010, Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Nick Hays, PhD).
42. Danielle DeGarie, Summer 2010, Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Nick Hays, PhD).
43. Erin Moore, Summer 2011, Department of Dietetics and Nutrition; UAMS, Major Advisor

44. Laura Richmond, Summer 2011; Department of Dietetics and Nutrition; UAMS, Major Advisor and Member of Master Advisory Committee
45. Amber Prins, Summer 2012,: Department of Dietetics and Nutrition; UAMS, Major Advisor
46. Laura Sanders: December 2012; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
47. Brittney Timmerman: , Summer 2012; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
48. JoAnna Hamlin, Spring 2013: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Tina Crook, PhD, RD, LD).
49. Alison Hammons: Summer 2013; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
50. Elizabeth Drake: Fall 2013; Department of Dietetics and Nutrition; UAMS, Major Advisor
51. Rebecca Newton: Spring 2014; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
52. Alison Brite; Spring 2014; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
53. Julie Hall, Spring 2014; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Tina Crook, PhD, RD, LD).
54. Avigail Hereford, Spring 2014; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
55. Srdan Markovic, Spring 2014: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
56. Susan Melhorn, Summer 2014: Department of Dietetics and Nutrition; UAMS, Major Advisor and Member of Master Advisory Committee (Major Advisor: Tina Crook, PhD, RD, LD).
57. Fariba Jousheghany, Spring 2014: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
58. Kobe Johnston, Spring 2014: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).



59. Mawaddh Ezmirly, Spring 2014 : Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
60. Jessica Turker, Summer 2015: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Tina Crook, PhD, RD, LD).
61. Katie Roads, Summer 015: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Tina Crook, PhD, RD, LD).
62. Leigh Delavan, Summer 015: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Tina Crook, PhD, RD, LD).
63. Daniella Bauerlein: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
64. Amanda Woodruff, summer 2016; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
65. Andrea Bell: Summer 2016; Department of Dietetics and Nutrition; UAMS, Major Thesis Advisor
66. Sara McClefferty, spring 2016. Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Tina Crook, PhD, RD, LD).
67. Christie Arthur spring 2017: Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
68. Lyndsey Queen, spring 2017. Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
69. Taren Swindle; spring 2017. Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
70. Kaila Parker, spring 2017. Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
71. Morgan Turner, summer 2017. Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
72. Carley Davis; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
73. Morgan England; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Tina Crook, PhD, RD, LD).

74. Juanita Montelongo; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
75. Carmen Shaw; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
76. Morgan McKinney; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
77. Ellen O'malley; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor: Josh Phelps, PhD).
78. Sabrina Spencer; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee (Major Advisor Christi Arthur, MS,RD,LD)
79. Charles Wiesner; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
80. Webb Haley; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee
81. Haley Shrill; Department of Dietetics and Nutrition; UAMS, Member of Master Advisory Committee

### **PhD Students**

Past:

1. Dana Gonzales: Summer 2004, Department of Public Policy, University of Arkansas at Fayetteville, Member Thesis Committee
2. Ahmad DiLawi: December 2013, Department of Physiology & Biophysics, UAMS, Member of Thesis Committee
3. Mohammad Alimohammadi; Spring 2016, Department of Applied Sciences, University of Arkansas at Little Rock, Member of Thesis Committee
4. Kimberly Cooney; Spring 2018, The Interdisciplinary Biomedical Sciences (IBS), UAMS, Member of Thesis Committee
5. Crystal Gillihan; Spring 2019, College of Nursing, UAMS, Member of Thesis Committee
6. Melisa Kozaczek; Spring 2020, Department of Poultry Science, U of A, Fayetteville, Member of Thesis Committee and co-advisor

7. Clai Morehead, MD, Ph.D. student; Department of Biochemistry & Molecular biology, UAMS College of Medicine, Member of Thesis Committee (2019-present)

Present:

1. Sajedeh Rezaie, Department of Applied Sciences, University of Arkansas at Little Rock, Member of Thesis Committee (2021-present)

Post-Doc Training:

1. Melisa Kozaczek, Ph.D. Department of Dietetics and Nutrition and Arkansas Children's Research Center (2020-9/2021).

**Community:**

- |            |   |
|------------|---|
| 3/12/2021  | Interview with UAMS Health Talk Podcast "Your Diet and gut microbiota"<br><a href="https://uamshealth.com/podcast/">https://uamshealth.com/podcast/</a>   |
| 6/1/2020   | Interview with ay (About You) Magazine "The 10 Leading Cause of Death for Men" The Heart Disease and Stroke section, Page 129-130. June 2020 issue.   |
| 2/11/2020  | Interview with <i>Science News for Students</i> on excess-weight-results of blood test for kids and Teens;<br><a href="https://www.sciencenewsforstudents.org/article/excess-weight-alters-results-of-blood-tests-in-kids-and-teens">https://www.sciencenewsforstudents.org/article/excess-weight-alters-results-of-blood-tests-in-kids-and-teens</a> . |
| 1/28/2020  | Live interview Science Café — 'Essential Nutrition vs. Fad Diets', 7:00-9:00 PM.  |
| 3/1/2019   | Interview with KATV, Channel 7 News "Diet, and Disease Prevention".   |
| 5/29/2018  | Live Interview with Radio Maria (Health Hub), Toronto, Canada at 10:00-11:00 AM "Gut microbiota in Health and diseases".  |
| 3/28/2018  | Interview with KTHV, Channel 11 News at 6:00 PM "Are daily multivitamins necessary and do they work?"   |
| 10/25/2016 | Live interview Science Café — 'Prequels to Great Health', 7:00-9:00 PM.   |
| 9/24/2016  | Live Interview with KATV, Channel 7 News at Day Break shows "Diet, and Breast Cancer".  |
| 9/21/2016  | Interview with deltacrossroads magazine fall section; Breast cancer before Start: page 115-116  |

2/17/2016 Interview with Ch. 4 TV News at 5:00 PM “Foods that Causes Cancer”.

10/6/2015 Live Interview with Fox 16 News at Good Day shows “Obesity and Breast Cancer Prevention”.

9/25/2015 Live Interview with KATV, Channel 7 News at Day Break shows “Diet, Obesity and Cancer Prevention”.

8/18/2015 Interview with SYNC weekly magazine “Our Big Fat problem”, page 12-15.

7/8/2014 Interview with KTHV, Channel 11 News at 6:45 AM “Diet and Cancer prevention”.

2/27/2014 Interview with KATV, Channel 7 News at 6:15 AM “Cancer Prevention”.

1/9/2013 Interview with KARK, Channel 4 News at 6:00 PM “Breast Cancer and Healthy Diet”.

11/5/2012 Interview with Arkansas Medical News” Probiotics Show Promise, but More Research Needed”.

7/2/2012 Interview with Arkansas Life Magazine “SuperFoods: Natures Multivitamins”, July, 2012 issue, Page 74-75.

2/23/2012 Interview with KTHV, Channel 11 News at 6:00 PM “Cleansing Diets”.

2/8/2012 Nutrition, Physical Activity and Cancer: The Power of Prevention. Lifequest of Arkansas, Second Presbyterian Church, Little Rock

2/1/2012 Can your Life Style Choices Affect Cancer Development? Lifequest of Arkansas, Second Presbyterian Church, Little Rock

8/15/2011 Live Interview with KARK, Channel 4 News at 6:30 AM “Healthy Breakfast for Kids”.

8/6/2011 Live interview with KTHV, Channel 11 News at 6:30 AM “Healthy food for summer”.

3/14/2011 Live interview with KTHV, Channel 11 News at 5:00 pm “Obesity and Cancer”.

1/17/2011 Live interview with KTHV, Channel 11 News at 6:30 pm “Healthy Diet tips for New Year”.

1/17/2011 Interview with Arkansas Democrat Gazette Newspaper “New Year Resolutions”

1/10/2011 Live interview with KTHV, Channel 11 News at 6:30 pm “Vitamin D Too-Little or Too-Much”.

10/11/2010 Live Interview with KARK, Channel 4 News at 5:00 pm “Banning Soft Drink purchase for Food Stamps Recipients”.

8/26/2010 Live Interview with KARK, Channel 4 News at 12:00 pm “Eat This, Not That”.

5/12/2010 “Nutrition, Physical activity and Cancer; The Power of Prevention”. Cancer Friends Luncheon Program, Pulaski Heights United Methodist Church, Little Rock, AR.

12/9/2009 Live interview with KTHV, Channel 11 News at 5:00 pm “Adipose and cancer risk and mortality”.

12/8/2009 Interview with KUAR radio “Virus and obesity”.

11/24/2009 Panel Member for Science Cafe talk show, KUAR-FM89 “Obesity: young and old; 7:00-9:00 pm.

11/19/2009 Live Interview with KARN radio “Obesity and cancer cost”. 8:00 am.

10/21/2009 Live Interview with KARK, Channel 4 News at 7:00 pm “Obesity Soy and Breast Cancer”.

8/17/2009 Live Interview with KTHV, Channel 11 News at 6:45 am “Eating Right in New School Year”.

3/6/2009 Interview with KATV, Channel 7 News at 10:00 pm “Eating healthy diet during difficult economy time”.

3/3/2009 Interview with Arkansas Democrat Gazette Newspaper “Food Allergy”

11/8/2008 Interview with City & Town, Official publication of Arkansas Municipal League. “Making Healthy Eating a Holiday Tradition”. Little Rock, Arkansas.

11/18/2008 Interview with KTHV, Channel 11 News at 10:00 pm “Unhealthy Diet During Saggy Economy”.

11/13/2008 Live Interview with KARK-TV, Channel 4 News “Tough Economy and Healthy Eating” as part of Sunrise News at 6:30 am.

10/8/2008 Interview with KARK-TV, Channel 4 News “Obesity and Breast Cancer” as part of Sunrise News at 5:00 am.

8/26/2008 Live Interview with KATV, Channel 7 Daybreak at 6:15 am “Dark Chocolate and Health Benefits”.

4/23/2008 Interview with KATV, Channel 7 News at 5:00 pm “Vitamin Supplements”.

4/21/2008 Interview with Fox News Channel 16 News at 5:00 pm “Diet and Your Health”.

2/1/2008 Live Interview with KTHV, Channel 11 News at 5:00 pm “Overeating and diseases development”.

9/2008 Interview with SYNC. Magazine, “Anti-Aging Foods”. Little Rock, Arkansas.

11/30/2007 Interview with City & Town, Official publication of Arkansas Municipal League. “Eat Smart This Holiday Season”. Little Rock, Arkansas.

11/2/2007 Diet Tips for Cancer Prevention and Survivors. National Witness Project, Amen 2007, Little Rock, Arkansas.

11/2/2007 Is Obesity a Breast Cancer Risk Factor for All of the women? National Witness Project, Amen 2007, Little Rock, Arkansas.

10/31/2007 Live Interview with KTHV, Channel 11 News at 6:00 pm “Obesity and Cancer”.

10/10/2007 Diet and Cancer Prevention, 20 Century Women club, Pleasant Valley Club, Little Rock, Arkansas.

5/16/2007 Interview with KATV, Channel 7 “Healthy Soda? Can you add vitamins and minerals to soda?” as part of the Daybreak at 6:00 am.

4/22/2007 Interview with KATV, Channel 7 “Healthy Juices for Adults and Kids” as part of Daybreak at 7:35 am.

2/28/2007 Interview with KATV, Channel 7 “Better Food Choices for Women” as part of Daybreak at 6:05 am.

12/27/2006 Live Interview with KATV, Channel 7 “Obesity and Losing Weight during Holidays” as part of Good Morning Arkansas at 9:05 am.

12/20/2006 Interview with Fox News, Channel 16 “Holidays Diets and Weight Control” two segment to be broadcast on December 30 and 31 at 6:00 am.

12/12/2006 Live Interview with KARN radio “Healthier Diet During Holidays”. 10:45 am.

12/8/2006 Interview with KARK-TV, Channel 4 News “Obesity and Diet and losing weight.

11/28/2006 Panelist, Live call-in program with AETN “Fighting Fat” as part of the panel discussion of Nutrition and Fitness, 8:00-9:00 pm.

10/30/2006 Live Interview with KTHV, Channel 11 News at 5:15 pm “Hydrogenated Fat”.

10/17/2006 Interview with Arkansas Democrat Gazette Newspaper “Food for Thought”

5/26/2005 Panelist, Live call-in program with AETN “Fighting Fat” as part of the panel discussion of obesity and Disease Promotion, 8:00-9:00 pm.

3/29/2005 Live Interview with KARN radio “Obesity and Breast Cancer”. 8:45 am.

3/25/2005 Live Interview with KTHV, Channel 11 News at 6:15 am “Obesity and Cancer”.

3/14/2005 Interview with Fox News, Channel 16 “Obesity and Cancer” at 9:00 pm.

2/21/2005 Interview with KATV, Channel 7 “Caffeine and Kids” at 10:00 pm.

1/20/2005 Live Interview with KARN radio “New guidelines for food pyramid”. 7:45 am.

12/9/2004 Interview with KATV, Channel 7 “Diet, Fat and Obesity” at 5:00 pm.

10/14/2004 Live Interview with KATV, Channel 7 “Dietary Supplement; Health Benefit or Health Hazards” as part of Good Morning Arkansas at 6:20 am.

10/4/2004 Interview with KARK-TV, Channel 4 News “Obesity and chronic diseases”.

7/19/2004 Live Interview with KATV, Channel 7 “Obesity and Hydrogenated Fat” as part of Good Morning Arkansas at 9:10 am.

3/30/2004 Live Interview with KARK-TV, Channel 4 News “Hydrogenated Fat” as part of Sunrise News at 6:30 am.

- 11/6/2003 Interview with KARK-TV, Channel 4 News “Healthy Food” as part of medical report at 10:00 pm.
- 9/25/2003 Panelist, Live call-in program with AETN “Fighting Fat” as part of the panel discussion 8:00-9:00 pm.
- 7/23/2003 Interview with KARK-TV, Channel 4 News “Role of Diet on Obesity Promotion and Prevention” as part of the workshop on “Partners in Health Science Teachers Teaching Teachers”.
- 7/23/2003 Interview with KARK-TV, Channel 4 News at 6:00 pm “The Impact of Obesity on Children” as part of the workshop on “Partners in Health Science Teachers Teaching Teachers”.
- 7/23/2003 Interview with KATV Channel 7 News at 6:00 pm “Role of Diet on Obesity Promotion and Prevention” as part of the workshop on “Partners in Health Science Teachers Teaching Teachers”.
- 7/23/2003 Interview with KTHV, Channel 11 News at 6:00 pm “Role of Diet on Obesity Promotion and related diseases” as part of the workshop on “Partners in Health Science Teachers Teaching Teachers”.
- 5/21/2003 Interview with KLRE/KUAR radio “Childhood Obesity”.
- 2/24/2003 Interview with KLRE/KUAR radio “Heart Healthy Diet”.
- 1/30/2003 “What students need to know about the role of diet in the prevention of diabetes, cardiovascular disease and certain types of cancers” Interactive video from UAMS to AHEC Texarkana 8 and 10 grade students, as part of Science education Partnership Award from the National Institute of Health and the UAMS office of regional programs.
- 10/31/2002 Role of diet in prevention of diseases for adolescences, 11th grade students, Central High School, Little Rock.
- 10/18/2002 Community Helpers Day, Lecture on Important of eating healthy diet for kids for 1st grade students, Martin Luther King, JR Magnet School, Little Rock.
- 7/11/2002 Interview with UAMS News media “Nutrition Expert Calls on Schoolteachers to Help to Fight Childhood Obesity” as part of the workshop on “Partners in Health Science Teachers Teaching Teachers” UAMS Online.
- 7/10/ 2002 Live Interview with KARN Radio News at 7:50 am “Role of Diet on Prevention of Childhood Diabetics”.



- 7/9/2002 Live Interview with KHTV Channel 11 News at 5:00 pm “Childhood Obesity”.
- 12/20/2001 Radio interview with Dr. Thomas at UAMS 30 minute interview (taped) on KABF: The Department of Dietetics and Nutrition on promotion of nutrition education, child and adult obesity, cancer prevention.
- 12/2-7/2001 Radio Interview with UAMS “Here to your Health, Healthy Diet”.
- 9/1/2001– present Member of Advisory group for Cardiovascular and Physical Activity, Arkansas Department Health.
- 2000- 2006 Member of Obesity Task Force, Arkansas Department of Health.