Yu (Joyce) Jiang

Assistant Professor, Biostatistics
Division of Epidemiology, Biostatistics, and Environmental Health
School of Public Health, University of Memphis
216 Robison Hall, 3825 DeSoto Ave, Memphis, TN 38111
yjiang4@memphis.edu
Tel: 901-678-4641; Fax: 901-678-1715
URL: http://www.memphis.edu/sph/people/faculty_profiles/jiang.php

EDUCATION

2014	Ph.D in Biostatistics, University of Kansas Medical Center, Kansas City, KS, USA
2008	Ph.D in Human Nutrition, Kansas State University, Manhattan, KS, USA
2006	M.S. in Toxicology, Iowa State University, Ames, IA, USA
1999	M.S. in Chemistry, Ocean University of Qingdao (Ocean University of China), China
1996	B.S. in Chemistry, Ocean University of Qingdao (Ocean University of China), China

PROFESSIONAL EXPERIENCE

Aug 2015-	Assistant Professor Division of Epidemiology, Biostatistics, and Environmental Health School of Public Health, University of Memphis, Memphis, TN Bioinformatics, University of Memphis, TN
2014 – 2015	Postdoc Research Associate Department of Biostatistics, School of Public Health, Yale University, New Haven, CT VA Healthcare System Cooperative Studies Program Coordinating Center, West Haven, CT
2010-2014	Graduate Research Assistant Department of Biostatistics, University of Kansas Medical Center, Kansas City, KS
2008-2010	Research Associate Department of Human Nutrition, Kansas State University, Manhattan, KS

RESEARCH INTERESTS

Gene environmental interactions and chronic disease.
Bayesian sparse learning and its application in cancer and inflammatory disease.
Adaptive Bayesian prediction of patient recruitment in clinical trials.
Latent variable modeling, structural equation model and its application in social behavior studies.

PUBLICATIONS

1. Wu C, Zhou F, Ren J, Li X, **Jiang Y**, Ma S. A Selective Review of Multi-Level Omics Data Integration Using Variable Selection. High Throughput. 2019; 8(1). pii: E4. doi: 10.3390/ht8010004. 1:

2. Sun Y, **Jiang Y**, Li Y, Ma S. Identification of cancer omics commonality and difference via community fusion. Stat Med. 2018 Nov 12. doi: 10.1002/sim.8027. [Epub ahead of print] PubMed PMID: 30421444.

3. Molnar MZ, Joglekar K, **Jiang Y**, Cholankeril G, Abdul MKM, Kedia S, Gonzalez HC, Ahmed A, Singal A, Bhamidimarri KR, Aithal GP, Duseja A, Wong VW, Gulnare A, Puri P, Nair S, Eason JD, Satapathy SK; Global NAFLD Consortium. Association of re-Transplant Renal Function with Liver Graft and Patient Survival after Liver Transplantation in Patients with Nonalcoholic Steatohepatitis. Liver Transpl. 2018 Oct 28. doi: 10.1002/lt.25367. [Epub ahead of print] PubMed PMID: 30369023

4. Agbim U, **Jiang Y**, Kedia SK, Singal AK, Ahmed A, Bhamidimarri KR, Bernstein DE,Harrison SA, Younossi ZM, Satapathy SK. Impact of Nonmalignant Portal Vein Thrombosis in Transplant Recipients With Nonalcoholic Steatohepatitis. Liver Transpl. 2019 Jan;25(1):68-78.

5. Wu, C., Zhang, Q., **Jiang, Y**. and Ma, S., 2018. Robust network-based analysis of the associations between (epi) genetic measurements. Journal of Multivariate Analysis.168:119-130.

6. Yang Y, **Jiang Y**, Xu Y, Mzayek F, Levy M. A cross-sectional study of the influence of neighborhood environment on childhood overweight and obesity: Variation by age, gender, and environment characteristics. Prev Med. 2018 Mar;108:23-28.

7. Jeyakumar A, Bégué RE, **Jiang Y**, McKinnon BJ. Cochlear implant provider awareness of vaccination guidelines. Laryngoscope. 2018 Mar 9. doi:10.1002/lary.27117.

8. Mørkve Knudsen T, Rezwan FI, **Jiang Y**, Karmaus W, Svanes C, Holloway JW. Trans-and inter-generational epigenetic inheritance in allergic diseases. J Allergy Clin Immunol. 2018 Jul 21. pii: S0091-6749(18)31058-3. doi: 10.1016/j.jaci.2018.07.007.

9. Wu C, **Jiang Y**, Ren J, Cui Y, Ma S. Dissecting gene-environment interactions: A penalized robust approach accounting for hierarchical structures. Stat Med. 2018; 37(3):437-456.

10. Ren J, He T, Li Y, Liu S, Du Y, **Jiang Y**, Wu C. Network-based regularization for high dimensional SNP data in the case-control study of Type 2 diabetes. BMC Genet. 2017; 18(1):44.

11. **Jiang Y**, Huang Y, Du Y, Zhao Y, Ren J, Ma S, and Wu C. Identification of prognostic genes and pathways in lung adenocarcinoma using a Bayesian approach. Cancer Informatics. 2017:15 10.1177/1176935116684825.

12. Chai H, Zhang Q, **Jiang Y**, Wang G, Zhang S, Ahmed S, Ma S. Identifying gene-environment interactions for prognosis using a robust approach. Econometrics and Statistics. 2017; 4:105-120.

13. Isehunwa OO, Carlton EL, Wang Y, **Jiang Y**, Kedia SK, Chang CF, Fijabi D, Bhuyan SS. Access to employee wellness programs and use of preventive care services among U.S. adults. Am J Prev Med. 2017 Oct 16. pii: S0749-3797(17)30435-X.

14. Satapathy SK, Jones OD, Vanatta JM, Kamal F, Kedia SK, **Jiang Y**, Nair SP, Eason JD. Outcomes of Liver Transplant Recipients With Autoimmune Liver Disease Using Long-Term Dual Immunosuppression Regimen Without Corticosteroid. Transplant Direct. 2017 Jun 23;3(7):e178.

15. Satapathy SK, **Jiang Y**, Eason JD, Kedia SK, Wong E, Singal AK, Tolley EA, Hathaway D, Nair S, Vanatta JM. Cardiovascular Mortality among Liver Transplant Recipients with Nonalcoholic Steatohepatitis (NASH) in the United States. Transpl Int. 2017; 30(10):1051-1060.

16. Satapathy SK, Vanatta JM, Helmick R, Flowers A, Kedia SK, **Jiang Y**, Ali B, Eason J, Nair SP, Ibebuogu UN. Outcome of Liver Transplant Recipients With Revascularized Coronary Artery Disease: A Comparative Analysis With and Without Cardiovascular Risk Factors. Transplantation. 2017; 101(4):793-803.

17. Richter KP, Hunt JJ, Cupertino AP, Gajewski BJ, **Jiang Y**, Marquis J, Friedmann PD. Commitment and capacity for providing evidence-based tobacco treatment in US drug treatment facilities. Subst Abus. 2017; 38(1):35-39.

18. **Jiang Y**, Shi X, Zhao Q, Krauthammer M, Rothberg BE, Ma S. Integrated analysis of multidimensional omics data on cutaneous melanoma prognosis. Genomics. 2016; 107 (6):223-30. (The first two authors contributed equally)

19. **Jiang Y**, Guarino P, Ma S, Simon S, Mayo MS, Raghavan R, Gajewski BJ. Bayesian accrual prediction for interim review of clinical studies: open source R package and smartphone application. Trials. 2016;17(1):336. (*Corresponding author*)

20. **Jiang Y**, Simon S, Mayo MS, Gajewski BJ, Modeling and Validating Bayesian Accrual Models on Clinical Data and Simulations Using Adaptive priors. Stat Med. 2015;34(4):613-29.

21. King B, Lu L, Yu M, **Jiang Y**, Standard J, Su X, Zhao Z, Wang W, Detailed lipidomic profiling of di- and tri-glyceride species in weight-controlled mice. PLoS One. 2015; 10(2): e0116398.

22. Standard J, **Jiang Y**, Yu M, Su X, Zhao Z, Xu J, Chen J, King B, Lu L, Tomich J, Baybutt R, Wang W, Reduced signaling of PI3K-Akt and RAS-MAPK are the key targets for weight loss-induced cancer prevention by dietary calorie restriction and/or physical activity. Journal of Nutritional Biochemistry, J Nutr Biochem. 2014, 25(12):1317-23.

23. Lin D, He H, Ji H, Willis J, Willard L, **Jiang Y**, Medeiros DM, Wark L, Han J, Liu Y, Lu B. Wolfberries potentiate mitophagy and enhance mitochondrial biogenesis leading to prevention of biogenesis leading to prevention of hepatic steatosis in obese mice: The role of AMP-activated protein kinase α2 subunit. Mol Nutr Food Res. 2014, 58(5):1005-15.

24. **Jiang Y**, Boyle DK, Bott MJ, Wick JA, Yu Q, Gajewski BJ. Expediting clinical and translational research via Bayesian instrument development. Applied Psychological Measurement. 2014, 38(4):296-310.

25. Gajewski BJ, **Jiang Y**, Yeh H, Engelman K, Teel C, Choi W, Greiner K, Daley C, Teaching confirmatory factor analysis to non-statisticians: A case study for estimating

reliability of psychometric instruments. Case Studies in Business, Industry, and Government Statistics. 2014, 5(2): 88-101.

26. Yeh H-W, **Jiang Y**, Garrard L, Lei Y, Gajewski BJ, A Bayesian model for censored positive count data in evaluating breast cancer progression. Model Assisted Statistics and Applications. 2013, 8(2):143-150

27. Hunt JJ, Cupertino AP, Gajewski BJ, **Jiang Y**, Ronzani TM, Richter KP. Staff commitment to providing tobacco dependence in drug treatment: reliability, validity, and results of a national survey. Psychol Addict Behav.2014, 28(2):389-95

28. Hunt JJ, Gajewski BJ, **Jiang Y**, Cupertino AP, Richter KP. Capacity of US drug treatment facilities to provide evidence-based tobacco treatment. Am J Public Health. 2013; 103(10):1799-801.

29. Cupertino AP, Hunt JJ, Gajewski BJ, **Jiang Y**, Marquis J, Friedmann PD, Engelman KK, Richter K, The index of tobacco treatment quality: development of a tool to assess evidence-based treatment in a national sample of drug treatment facilities. Substance Abuse Treatment, Prevention, and Policy 2013, 8:13.

30. King B, **Jiang Y**, Su X, Xu J, Xie L, Standard J, Wang W, Weight Control, Endocrine Hormones and Cancer Prevention. Experimental Biology and Medicine. Exp Biol Med (Maywood). 2013, 238(5):502-8.

31. **Jiang Y**, Ma H, Su X, Chen J, Xu J, Standard J, Lin D, Wang W, IGF-1 mediates exercise-induced phospholipid alteration in the murine skin tissues. J Nutr Food Sci 2012. S2:1-6.

32. Tang L, Zhang Y, **Jiang Y**, Willard L, Ortiz E, Wark L, Medeiros D, Lin D. Dietary wolfberry ameliorates retinal structure abnormalities in db/db mice at the early stage of diabetes. Exp Biol Med (Maywood). 2011 Sep 1;236(9):1051-63. (First three author equal contributions)

33. **Jiang Y**, Zhang Y, Wark L, Ortiz E, Lim S, et al. Wolfberry water soluble phytochemicals down-regulate ER stress biomarkers and modulate multiple signaling pathways leading to inhibition of proliferation and induction of apoptosis in Jurkat cells. J Nutr Food Sci 2011,S2:001.

34. Ayella A, Lim S, **Jiang Y**, Iwamoto T, Lin D, Tomich J, Wang W. Cytostatic inhibition of cancer cell growth by lignan secoisolariciresinol diglycoside. Nutrition Research 2010; 30(11):762-9.

35. **Jiang Y**, Ouyang P, Doan H, Xie L, Vasquez D, Welti R, Su X, Lu N, Herndon B, Yang S, Jeannotte R, Wang W, Weight loss via Exercise with controlled dietary intake may impact phospholipid profile for cancer prevention in murine skin tissues. Cancer Prevention Research, 2010, 3: 466-477. (The first two authors contributed equally)

36. Medeiros DM, **Jiang Y**, Klaahsen D, Lin D. Mitochondrial and sarcoplasmic protein changes in hearts from copper deficient rats: Upregulation of PGC1-α transcript and protein as a cause for mitochondrial biogenesis in copper deficiency. J Nutr Biochem. 2009, 20(10):823-30.

37. **Jiang Y**, Wang W. Potential mechanisms of cancer prevention by weight control, Biophysical Reviews and Letters. 2008, 3(3):421-437.

38. Chung CS, **Jiang Y**, Cheng D, Birt DF, Impact of adenomatous polyposis coli (APC) tumor suppressor gene in human colon cancer cell lines on cell cycle arrest by apigenin. Mol. Carcinog. 2007, 46(9): 773-82.

39. Xie L, **Jiang Y**, Ouyang P, Chen J, Doan H, Herndon B, Sylvester JE, Zhang K, Molteni A, Reichle M, Zhang R, Haub MD, Baybutt RC, Wang W. Effects of dietary calorie restriction or exercise on the PI3K and Ras signaling pathways in the skin of mice. J Biol Chem. 2007, 282(38):28025-35.

40. Shi XY, Wang XL, Han XR, **Jiang Y**, Zhu MY, Chen S, Koshikawa H, Relationship between petroleum hydrocarbon and plankton in a mesocosm experiment, Acta Oceanologica Sinica (English edition), 2001, 20(2): 231-240.

Publication in Chinese

41. Ma LY, L L **Jiang Y**, Shi LY, Feng BM, Wang YQ, Tang L, Study on Youchasaponin-induced apoptosis of HepG2 cells through the endoplasmic reticulum stress, Chinese Pharmacological Bulletin, 2011, 27 (11): 1523-1527.

42. **Jiang Y**, Wu ZH, Han XR, Zhang, L, Wang XL. Toxicity of polycyclic aromatic hydrocarbons (PAHs) to marine algae, Marine Science. 2002, 26(1): 46-50.

43. **Jiang Y**, Han XR, Zhang J, Zhu CJ, Jiang FH, Wang XL, Study on bioconcentration of methylnaphthalene by marine phytoplankton cells. Journal of Ocean University of Qingdao. 2002, 32(1): 86-101.

44. **Jiang Y**, Wang XL, Jin H, Yu WJ, Xie SN, Ma YJ, Wang L, The Improved acid-base titration method for determining surface areas of mineral particulates, Journal of Ocean University of Qingdao. 1998, 28(3): 465-470.

Book Chapters

45. **Jiang Y**, Wang W. Potential mechanisms of cancer prevention by weight control. In: Research on the Physics of Cancer: A Global Perspective (Ed. Gerstman B). World Scientific Publishing Company, Singapore, 2016, pp 191-207.

46. Wang W, Ayella A, **Jiang Y**, Ouyang P, Qu H. Wheat lignans: promising cancer preventive agents. In: Wheat Antioxidants (Ed. Yu L). John Wiley & Sons, Ltd., Hoboken, New Jersey, 2008, p264-272.

47. Birt DF, Wang W, Pavia N, Au A, Chung C, Schmitt L, **Jiang Y**. Cancer prevention by phytochemicals, modulation of cell cycle. In: Phytochemicals: Mechanisms of Action, Meskin MS, Bidlack WR, Davies AJ, Lewis DS, Randolph RK, Eds. CRC Press, Washington, D.C., 2004; p61-67.

48. Shi XY, Wang XL, **Jiang Y**, Han XR. Petroleum hydrocarbon associated with oil on and by plankton in a mesocosm experiment of East China Sea. Proceedings of the Japan–China Joint Workshop on the Cooperative Study of the Maine Environment-Environmental Capacity and Effects of Pollutants on Marine Ecosystem in the East China Sea (Ed. Watanabe, M. & Zhu MY). National Institute for Environments, Tsukuba (Japan), 1999, JSSN 13413643, p89–96.

ORAL PRESENTATIONS

1. **Jiang Y**, Wu C, Zhang H, Chen S and Karmaus W, Bayesian integrative model to understand joint genetic epigenetic effects in development of eczema. ICSA Applied Statistics symposium, Jun 12-5, 2017, Chicago, IL (Invited talk).

2. **Jiang Y**, Wu C, Wei, J, Zhang H, Ma, S, Dissecting the Gene-Environment Interactions: a Bayesian Approach Accounting for Hierarchical Structures, University of Kansas Department of Biostatistics' Bohan Symposium June 22-23, 2017, Kansas City, KS (Invited talk).

3. **Jiang Y**, Shi X, Zhao Q, Wu C, and Ma S, Pathway based integrative study of multidimensional genomic measurements for predicting cancer prognosis in TCGA melanoma. ICSA Applied Statistics symposium, Jun 12-15, 2016, Atlanta FL (Invited talk).

4. **Jiang Y**, Shi X, Zhao Q, and Ma S. Integrated Analysis of Multidimensional (Epi) Genetic Data on Cutaneous Melanoma Prognosis. ENAR, Mar 6-9, 2016, Austin, TX.

5. **Jiang Y**, Wu C, Gajewski B, Ma S, Guarino P, Adaptive Bayesian Prediction of Patient Accrual in Multicenter Clinical Trials Seattle, 2015 Joint Statistical Meeting, August 8 – 13, 2015, Seattle, WA.

6. **Jiang Y**, Boyle DK, Bott MJ, Wick JA, Yu Q, Gajewski BJ. Expediting Clinical and Translational Research via Bayesian Instrument Development, 2013 Joint Statistical Meeting, August 3-8, 2013, Montreal, QC, Canada.

7. **Jiang Y**, Gajewski BJ, Yeh H-W, Engelman K, Teel C, Choi W, Greiner K, Daley MC, Teaching Confirmatory Factor Analysis to Non-Statisticians: A Case Study for Estimating Composite Reliability of Psychometric Instruments.2012 Joint Statistical Meeting, July 28 – Aug 2, 2012, San Diego, CA.

8. **Jiang Y**, Application of proteomics in weight control studies, Functional Genomics Consortium 2007 Spring Symposium, April 4-5, 2007, Manhattan, KS.

POSTER PRESENTATIONS
1. Satapathy SK, Tran QT, Kovalic A, Karri S, Kedia S, **Jiang Y**, Agbim U, Gonzalez HC, Maliakkal BJ, Nair S, Eason JD, Kleiner D. Recurrent Non-Alcoholic Fatty Liver Disease after Liver Transplantation: A Single Center Experience Based on Protocol Liver Biopsy. 2018 American Association for the Study of Liver Disease Meeting, San Francisco, CA November 9-13, 2018. HEPATOLOGY 68, 714A-714A.

2. Satapathy SK, Dyer A, Angel W, Gonzalez HC, Jones AV, Kedia S, **Jiang Y**, Nezakatgoo N, Helmick R, Horton P, Vanatta JM et al., Ex Vivo Magnetic Resonance Imaging (MRI) Proton Density Fat Fraction (PDFF) of Human Donor Livers Accurately Quantifies Steatosis: A Proof of Concept Study. 2018 American Association for the Study of Liver Disease Meeting, San Francisco, CA November 9-13, 2018. HEPATOLOGY 68, 660A-661A.

3. Satapathy SK, **Jiang Y**, Cholankeril G, Parsa L, Abdul MK, Kedia S, Kamal F, Nair S, Vanatta JM, Karri S, Khan MA. Severe renal dysfunction at liver transplant in patients with NASH: Is the current approach for selection for kidney transplant optimal?. HEPATOLOGY 2017 Oct 1 (Vol. 66, pp. 923A-923A). 111 RIVER ST, HOBOKEN 07030-5774, NJ USA: WILEY.

4. Satapathy SK, Cholankeril G, Abdul MM, Nair S, Gonzalez HC, **Jiang Y**, Kedia S, Parsa L, Khan M, Kamal F, Karri S. Severe renal dysfunction at liver transplant in patients with NASH: Is the current approach for selection for kidney transplant optimal? Hepatology 66, 923A-923A. [Presented at the 2017 American Association for the Study of Liver Disease Meeting in Washington, D.C. October 20-24, 2017.

5. Liu J, **Jiang Y**, Wick J and Gajewski BJ. Adaptive Bayesian Modeling and Prediction of Patient Accrual with Varying Activation Time in Multicenter Clinical Trials, 2017 Joint Statistical Meeting, Baltimore, MD, July 29 - August 3, 2017.

6. **Jiang Y**, Gajewski BJ, Simon S, Mayo MS. Performance of Constant Accrual Model and Alternatives on Clinical Data and Simulation. 2015 Joint Statistical Meeting, Boston, August 2 - 7, 2014.

7. Lin D, **Jiang Y**, Wark L, He H, Willard L, Medeiros DM, Dietary wolfberry increases hepatic insulin sensitivity in obese mice, Experimental Biology meeting, San Diego, CA, April 21-25, 2012.

8. Standard J, **Jiang Y**, Chen J, Lu L, Tomich J, Welti R, Wang W, Bioinformatics Approaches for Weight Loss-induced Cancer Preventive Mechanisms, Experimental Biology meeting, San Diego, CA, April 21-25, 2012.

9. Han J, **Jiang Y**, Tang L, Ortiz E, Medeiros DM, Lin D, Quercetin induces cell apoptosis via activation of AMP-activated protein kinase and inhibition of protein elongation in leukemia jurkat cells, Experimental Biology meeting, Washington, DC, April 9-13, 2011.

10. Tang L, Ma L, Fu X, **Jiang Y**, Wang Y, Medeiros DM , Lin D, Sasanquasaponin Triggers Tumor Cell Apoptosis via Distinct Pathways that Involve the Cell surface, Mitochondria, and Endoplasmic Reticulum, Experimental Biology meeting, Washington, DC, April 9-13, 2011.

11. Lin D, Tang L, **Jiang Y**, Willard L, Ortiz E, Medeiros DM, Dietary wolfberry ameliorates retinal structure abnormality through activation of AMP activated protein kinase signaling in the db/db type 2 diabetic mouse, Experimental Biology meeting, Washington, DC, April 9-13, 2011.

12. Lin D, **Jiang Y**, Zhang Y, Ortiz E, Medeiros DM, Wolfberry supplements prevent the development of hepatic steatosis Experimental Biology meeting, Anaheim, CA, April 24-28, 2010

13. **Jiang Y**, Lin D, Water Soluble Wolfberry Phytochemicals Induce Cell Cycle Arrest and Apoptosis in Cancer Cells, 49th American Society for Cell Biology Annual Meeting, December 5-9, San Diego, CA, 2009.

14. **Jiang Y**, Chen J, Dong L, Ouyang P, and Wang W, Effect of IGF-1 restoration on phospholipid profile in skin tissues of weight controlled mice by exercise, Experimental Biology, Experimental Biology meeting, Washington, DC, April 28-May 2, 2007.

15. Chen J, **Jiang Y**, Dong L, and Wang W, Effect of IGF-1 restoration on TPA-induced protein expression of IGF-1-dependent signaling in the skin samples of weight controlled mice by exercise and calorie restriction, Experimental Biology meeting, Washington, DC, April 28-May 2, 2007.

16. Herndon B, **Jiang Y**, Wasson N, Xie L, Ouyang P, Quinn T, and Wang W, Proliferation/inhibition markers following TPA in skin of exercised, calorie-restricted mice, Experimental Biology, Experimental Biology meeting, Washington, DC, April 28-May 2, 2007.

17. Ouyang P, **Jiang Y**, Radke G, and Wang W, Phospholipid profiling and related protein expression in skin tissues of body weight controlled mice, Experimental Biology meeting, Washington, DC, April 28-May 2, 2007.

18. **Jiang Y**, Kineman B, Przybyszewski J, Birt D, Differential sensitivity of human colorectal cells to resveratrol. Targeting Carcinogenesis-Transduction-Transcription-Tranlation Symposium, Rochester, MN, October 6-7, 2005

19. **Jiang Y**, Przybyszewski J, Diane DF, Resveratrol Inhibits Cell Growth and Induces Cell Cycle Arrest in Human Colon Cancer Cells independently of Tumor Suppressor Genes p53 and APC. American Association of Cancer Research's Conference on Frontiers in Cancer Prevention Research, Seattle, WA, October 16-20, 2004.

20. **Jiang Y**, Au A, Przybyszewski J, Birt DF, Cancer Preventive Effect of Resveratrol in Human Colorectal Cancer Cells. 28th National Nutrient Databank Conference, Iowa City, IA, June 23-26, 2004.

21. **Jiang Y**, Wang W, Au AP, Bendickson L, Nilsen-Hamilton M, Birt DF, Dietary Energy Restriction Inhibits TPA-Induced Mmp-3 But Not Uterocalin Transactivation In SENCAR Mice. 94th AACR Annual Meeting, Washington, DC, July 11-14, 2003.

22. **Jiang Y**., Wang, W., Lepont, P.J., Au, A., Bendickson, L., Nilsen-Hamilton,M., and Birt, D.F. Dietary energy restriction inhibits both TPA-induced MMP-3 and UVB-induced uterocalin transactivation in AP-1 luiferase transgenic mice. Signal Transduction Symposium on Tissue Remodeling, Ames, IA (scheduled for September 2001, rescheduled August 1-4 2002).

RESEARCH GRANT APPLICATIONS

Funded Projects

1. Title: Epigenetic characterization of pubertal transitions
   PI: Karmaus, Wilfried
   Funding Source: NIAID/NIH
   Duration: 07/01/17-06/30/19
   Role: Co-I (5%)

2. Title: To estimate the prevalence of overweight or obese children in Memphis
   PI: Yang, Yong
   Funding Source: Memphis Research Consortium
   Duration: 05/01/16-4/30/17
   Role: Co-I (2.5%)

3. Title: The impact of stress and resilience on obesity-related complications in adolescence
   PI: Thurston, Idia
   Funding Source: NIH
   Duration: 08/30/18-06/30/20
   Role: Co-I (5%)

4. Title: The impact of stress and resilience on obesity-related complications in adolescence
   PI: Kedia, Satish
   Funding Source: University of Baltimore
   Duration: 12/01/18-11/30/19
   Role: Co-I (12.5%)

Journals Reviewed

BMC Bioinformatics, Cancer Informatics, Clinical Trial, Food Chemistry, Internatinal Journal of Clinical Trials and Case Studies, International Urogynecology Journal, Journal of Cell science and Therapy, Journal of Ecology and Toxicology, Journal of Food Science and Nutrition, Journal of Modern Applied Statistical Methods, Journal of Oleo Science, Statistics and Its Interface, Trials

Books Reviewed

Ad-hoc reviewer for Chapman & Hall/CRC | Taylor & Francis Group

AWARDS

- Member of Mu Sigma Rho honor society, since 2012.
- Outstanding Graduate Student Award, Department of Biostatistics, the University of Kansas Medical Center, 2010-2011.
- Postdoc Travel Award, Terry C. Johnson Center for Basic Cancer Research, Kansas State University, 2009
- Nina M. Browning Memorial Scholarship, Kansas State University, 2006, 2007, 2008
- Stewart Family Research Fund, Kansas State University, 2007
- Travel Award, Terry C. Johnson Center for Basic Cancer Research, Kansas State University, 2007
- Martin Research Award, Iowa State University, 2004
- Leadership Award for Graduate Student, Ocean University of China, 1998

CERTIFICATIONS

- Certified Base Programmer for SAS 9.