

CURRICULUM VITAE  
**SIBYLLE KRANZ, PhD, RDN FTOS**  
 University of Virginia, [sibylle.kranz@virginia.edu](mailto:sibylle.kranz@virginia.edu)  
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**EDUCATION:**

PhD	1998-2002	The University of North Carolina at Chapel Hill School of Public Health, major (Nutrition) minor (Epidemiology) - certified child nutrition epidemiologist, Chapel Hill, NC, USA
MS, RDN	1996-1998	Florida International University College of Health and Urban Affairs, School of Health, Department of Dietetics and Nutrition, Miami, FL, USA
BS	1994-1995	Florida International University College of Health and Urban Affairs, School of Health, Department of Dietetics and Nutrition, Miami, FL, USA
Vordiplom	1990-1994	Justus-Liebig University Nutrition and Home Economics, Vordiplom in Ökotrophologie 1993 Giessen, Germany
Business Management	1987-1989	Schulze-Delitsch Business School Coordinated Program (apprentice partner: Rietschel & Henneberg, Wiesbaden) Ausbildung zur Industriekauffrau, Wiesbaden, Germany
Admin. Assistant for International Business	1986-1987	Dr. Zimmermann'sche International Business School (languages: English and French), Koblenz, Germany
High-School Diploma	1973-1986	Hedwig Gymnasium, Rhineland-Palatinate Abitur major: Biology and German, Diez, Germany

**POSITIONS:**

08/2016 - current	Associate Professor, Department of Kinesiology, Curry School of Education, adjunct Public Health Sciences, University of Virginia, Charlottesville, VA, adjunct: Public Health Sciences, School of Medicine
05/2014 – 05/2016	Senior Lecturer in Nutrition (tenured), Centre for Exercise, Nutrition and Health Sciences, School of Policy Studies, University of Bristol, UK
10/2009 to 05/2014	Associate Professor, Department of Nutrition Science & Director of the Coordinated Program in Dietetics, College of Consumer and Family Sciences and member of the Ingestive Behavior Research Group, Purdue University, USA
08/2008 to 09/2009	Associate Professor, Department of Nutrition and Dietetics, College of Human Ecology East Carolina University, USA
09/2002 to 08/2008	Assistant Professor, Department of Nutritional Sciences, College of Health and Human Development and research associate of the Population Research Institute Pennsylvania State University, USA
1998 to 2002	Graduate Research Assistant, Department of Nutrition, School of Public Health The University of North Carolina at Chapel Hill, Chapel Hill, NC, USA
1996 to 1998	Graduate Research Assistant, Department of Dietetics and Nutrition, College of Health and Urban Affairs, Florida International University, Miami, FL, USA
1995 to 1998	Miami based Field Representative, part-time RQA Inc. Product Retrieval and Quality Assurance, Phoenix, AZ, USA
1989 to 1990	Administrative Assistant, Industriekauffrau HiFi-Lager Suppes, Wiesbaden, Germany

**PEER-REVIEWED PROFESSIONAL PUBLICATIONS** (\*indicates student co-authors Dr. Kranz and \*\*post-doctoral researcher)

1. Jirout J, LoCasale-Crouch J, Turnbull K, Gu Y\*, Cubides M, Grazioni S\*, Evans T, Weltman AL, **Kranz S**. How lifestyle factors affect cognitive and executive function and the ability to learn in children. *Nutrients*. In print.
2. Walton SR\*, Malin SK, **Kranz S**, Broshek DK, Hertel J, Resch JE. Whole-Body Metabolism, Carbohydrate Utilization, and Caloric Energy Balance after Sport Concussion, in review.
3. Heiston E\*, Eichner N\*, Gilbertson N\*, Gartain J, **Kranz S**, Weltman AL, Malin S. Two Weeks of Exercise Training Intensity on Appetite Regulation in Obese Adults with Prediabetes. *Journal of Applied Physiology*. 126(3):746-754, 2019. DOI: 10.1152/jappphysiol.00655.2018.
4. Jahns L, Conrad Z, Raats S, **Kranz S**. Recognition of Federal Dietary Guidance is Associated with Greater Diet Quality. *Journal of the Academy of Nutrition and Dietetics*. *Journal of the Academy of Nutrition and Dietetics*. 118(11):2120-27, 2018. DOI: 10.1016/j.jand.2018.05.026.
5. Gilbertson NM\*, Paisley AS, **Kranz S**, Weltman A, Kirby JL, Hallowell PT, Malin SK. Bariatric Surgery Resistance: Using Pre-Operative Lifestyle Medicine and/or Pharmacology for Metabolic Responsiveness. *Obesity Surgery*. 27(12): 3281-91, 2017. DOI: 10.1007/s11695-017-2966-1.
6. **Kranz S**, Jones N\*, Monsavais P. Intake levels of fish in the UK paediatric population. *Nutrients*. 16;9(4), 2017. DOI: 10.3390/nu9040392.
7. **Kranz S**, Dodd KW, Juan W, Johnson LK, Jahns L. Whole grains contribute only a small proportion of dietary fiber to the U.S. diet. *Nutrients*. 9(2), 2017. DOI: 10.3390/nu9020153.
8. Brauchla M\*, Campbell W, Mattes R, Schwichtenberg A, **Kranz S**. High-protein and high-dietary-fiber breakfasts result in equal feelings of fullness and better diet quality in low-income preschoolers compared with their usual breakfast. *Journal of Nutrition*, 2017, DOI: 10.3945/jn.116.234153.
9. Jahns L, Scheett AJ, Johnson LK, Krebs-Smith S, Payne CR, Whigham LD, Hoverson BS, **Kranz S**. Diet quality of items advertised in supermarket sales circulars compared to diets of the US population, as assessed by the Healthy Eating Index-2010. *Journal of the Academy of Dietetics and Nutrition*. 116(1):170, 2016. DOI: 10.1016/j.jand.2015.09.016.
10. Cheng G, Duan R, **Kranz S**, Libuda L, Zhang L. Development of a Dietary Index to Assess Overall Diet Quality for Chinese School-aged Children. *Journal of the Academy of Dietetics and Nutrition*. 116(4):608-17, 2016. DOI: 10.1016/j.jand.2015.
11. **Kranz S**, Baker S\*, McCabe S\*, Swithers S, Payne CR. Do children like fun-shaped fruit and vegetable snacks? *Bio-Accent Nutrition*, 2015.
12. **Kranz S**, Huss L\*, Dobbs-Oates J. Food sources of EPA and DHA in the diets of American children, NHANES 2003-2010. *Bio-Accent Nutrition*, 2015.
13. Payne CR, Whigham LD, Johnson LK, Scheett AJ, Hoverson BS, **Kranz S**. Foods advertised in US weekly supermarket sales circulars over one year: a content analysis. *Nutrition Journal*. 13:95, 2014. DOI: 10.1186/1475-2891-13-95.
14. Baker S, Payne C, Swithers S, **Kranz S**. Do healthy, child-friendly fruit and vegetable snacks appeal to consumers? A field study exploring adults' perceptions and purchase intentions. *Food Quality and Preference*. 39:202-8, 2014. DOI: 10.1016/j.foodqual.2014.07.013.
15. Jahns L, Raatz SK, Johnson LK, **Kranz S**, Silverstein JT, Picklo MJ. Intake of seafood in the US varies by age, income, and education level but not by race-ethnicity. *Nutrients* 2014, 6, 6060-6075; doi:10.3390/nu6126060
16. **Kranz S**, Brauchla M\*, Miller K, Baker S\*. The effect of offering a high-fiber snack in the morning and the afternoon on overall diet quality and dietary fiber intake in a sample of school-age children. *Journal of Human Nutrition and Food Science*. 2(3):1034 (9 pages), 2014.
17. Jahns L, **Kranz S**. High proportion of foods recommended for consumption by United States Dietary Guidance contain solid fats and added sugar: results from the National Health and Nutrition Examination Survey (2007-2008). *Nutrition Journal*. 13(23). 2014. DOI:10.1186/1475-2891-13-23
18. Brauchla M\*, Reidenbach K\*, Baker S\*, McCabe GP, **Kranz S**. The effect of introducing high-fiber snacks on school-age children's self-reported quality of life. *Health*. 6(1):115-122, 2014. DOI: 10.4236/health.2014.61018.
19. **Kranz S**, Hill AM, Fleming JA\*, Hartman TJ, West SG, Kris-Etherton PM. Nutrient Displacement Associated with Walnut Supplementation in Men. *Journal of Human Nutrition and Dietetics*. 27(2):247-54, 2014 doi:10.1111/jhn.12146 PMID: 24033567
20. Brauchla M\*, McCabe GP, Miller KB, **Kranz S**. The effect of providing high fiber snacks on digestive function and diet quality in a sample of school-age children. *Nutrition Journal*, 12(1):153, 2013.
21. Huss LR\*, Behnke C, Dobbs-Odds J, Santerre CR, **Kranz S**. Development of child-friendly fish dishes to increase preschooler's fish and DHA consumption. *Journal of Food and Nutrition Sciences, Special Issue: Public Health Nutrition Initiatives*, 4:78-84, 2013. DOI: 10.4236/fns.2013.410A012.

22. **Kranz S**, McCabe GP. Examination of the five comparable component scores of the diet quality indexes HEI-2005 and RC-DQI using a nationally representative sample of children 2-18 years old: NHANES 2003-2006. *Journal of Obesity*, 12 pages, 2013. DOI: 10.1155/2013/376314.
23. Wansink B, **Kranz S**. Who Is Using MyPlate? *Journal of Nutrition Education and Behavior*. 2013. DOI: 10.1016/j.jneb.2013.03.009.
24. Huss LR, Laurentz S\*, Fisher JO, McCabe GP, **Kranz S**. Timing of dessert but not portion size affects young children's intake at lunchtime. *Appetite*, 68:158-163, 2013. DOI:10.1016/j.appet.2013.04.013
25. Davison KK, Jurkowski JM, Li K, **Kranz S**, Lawson HA. A childhood obesity intervention developed by families for families: Outcome evaluation results. *International Journal of Nutrition Behavior and Physical Activity*, 10(3), 2013. doi:10.1186/1479-5868-10-3
26. Carr N\*, **Kranz S**. A pilot study on the new USDA Meal Pattern for School Breakfast in a sample of first-grade students. *Food and Nutrition Sciences*, 3(9), 1329-33, 2012. DOI: 10.4236/fns.2012.39175
27. Brauchla M\*, Juan W, Story J, **Kranz S**. Sources of dietary fiber and the association of fiber intake with childhood obesity risk (in 2-18 year olds) and diabetes risk of adolescents 12-18 year olds: NHANES 2003-2006. *Journal of Nutrition and Metabolism*. 2012. DOI:10.1155/2012/2736258.
28. Boyer LE\*, Laurentz S\*, McCabe GP, **Kranz S**. Shape of snack foods does not predict snack intake in a sample of preschoolers: a cross-over study. *International Journal of Behavioral Nutrition and Physical Activity*, 9(94), 2012. DOI:10.1186/1479-5868-9-94.
29. Davison KK, Nishi A, **Kranz S**, Wyckoff L, May J, Earle-Richardson G, Strogatz D, Jenkins P. Associations among social capital, parenting for active lifestyles, and youth physical activity in rural families living in upstate New York. *Social Science and Medicine*, 75(8), 1488-1496, 2012.
30. Clemens R, **Kranz S**, Mobley AR, Nicklas TA, Raimondi MP, Rodriguez JC, Slavin JL, Warshaw H. Filling America's Fiber Intake Gap: Summary of a Roundtable to Probe Realistic Solutions with a Focus on Grain-Based Foods. *The Journal of Nutrition*, 142(7):1390S-401S. doi: 10.3945/jn.112.160176
31. Zuercher JL\*\*, **Kranz S**. College eating 101: Factors influencing students' food decisions. *International Journal of Child and Adolescent Health*, 5(1):3-6, 2012.
32. Zuercher JL\*\*, **Kranz S**. Toddlers and preschoolers consume more dietary fiber when high-fiber lunch items are served. *Childhood Obesity*, 8(1): 71-75, 2012.
33. **Kranz S**, Brauchla M\*, Slavin J, Miller K. What do we know about dietary fiber intake in children and health? The effects of fiber on constipation, obesity, and diabetes in children. *Advances in Nutrition*, 3: 47-53, 2012. PMID: 22332100
34. Zuercher JL\*\*, Wagstaff DA, **Kranz S**. Associations of food group and nutrient intake, diet quality, and meal sizes between adults and children in the same household: a cross-sectional analysis of U.S. households. *Nutrition Journal* 10:131, 2011. PMID: PMC3281797
35. Zuercher JL\*\*, Grace E\*, **Kranz S**. Comparing diet quality in childcare center menus after revision. *Childhood Obesity* 7(5): 392-399, 2011.
36. **Kranz S**, Marshall YW\*, Wight A, Bordi PL, Kris-Etherton PM. Liking and consumption of high- fiber snacks in preschool-age children. *Food Quality and Preference*. 22(5): 486-489, 2011.
37. Jilcott SB, Liu H, DuBose KD, Chen S, **Kranz S**. Food stamp participation is associated with fewer meals away from home, yet higher body mass index and waist circumference in a nationally representative sample. *Journal of Nutrition Education and Behavior*. 43:110-115, 2011.
38. Cheng G, Gerlach S, Libuda L, **Kranz S**, Günther AL, Karaolis-Danckert N, Kroke A, Buyken AE. Diet quality in childhood is prospectively associated with the timing of puberty, but not with body composition at puberty onset. *Journal of Nutrition*. 140(1):95-102, 2010.
39. Kott PS, Guenther P, Wagstaff DA, Juan W, **Kranz S**. Fitting a linear model to survey data when the long-term average daily intake of a dietary component is an explanatory variable. *Survey Research Methods*. 3:157-165, 2009.
40. Eng S\*, Wagstaff DA, **Kranz S**. Eating late in the evening is associated with childhood obesity in some age groups but not in all children: the relationship between time of consumption and body weight status in U.S. children. *International Journal of Behavioral Nutrition and Physical Activity*. 6:27, 2009. PMID: PMC2689163
41. Wagstaff DA, **Kranz S**, Harel O. A preliminary study of active compared with passive imputation of missing body mass index values among non-Hispanic white youths. *American Journal of Clinical Nutrition*: 89(4):1025-30, 2009. PMID: PMC2667453.
42. **Kranz S**, Mitchell DC, Smiciklas-Wright H, Huang SH, Kumanyika SK, Stettler N. Consumption of recommended food groups among children from medically underserved communities. *Journal of the American Dietetic Association*. 109(4):702-707, 2009. PMID: PMC2696191
43. Miller P\*, Demark-Wahnefried W, Snyder DC, Sloane R, Morey MC, Cohen H, **Kranz S**, Mitchell DC, Hartman TJ. Dietary supplement use among elderly, long-term cancer survivors. *Journal of Cancer Surviv*. 2(3):138-148, 2008. PMID: PMC2766274.

44. Ruder EH\*, Dorgan JF, **Kranz S**, Kris-Etherton PM, Hartman TJ. Examining breast cancer growth and lifestyle risk factors: Early life, childhood and adolescence. *Clinical Breast Cancer*. 8(4):334-342, 2008. PMID: PMC2666469.
45. **Kranz S**, Findeis JL, Shresta SS\*. Use of the Revised Children Diet Quality Index to assess preschoolers' diet quality, its sociodemographic predictors, and its association with body weight status. *Journal of Pediatrics (Rio J)*.84(1):26-34, 2008.
46. **Kranz S**, Mahood LJ\*, Wagstaff DA. Diagnostic criteria patterns of U.S. children with Metabolic Syndrome: NHANES 1999-2002. *Nutrition Journal*. 6:38, 2007. PMID: PMC2194729
47. **Kranz S**, Lin PJ\*, Wagstaff DA. Children's dairy intake in the United States: Too little, too fat? *Journal of Pediatrics*. 151(6): 642-646, 2007.
48. **Kranz S**, Hartman T, Siega-Riz AM, Herring A. A diet quality index for American preschoolers based on current dietary intake recommendations and an indicator of energy balance. *Journal of the American Dietetic Association*. 106(10):1594-1604, 2006.
49. **Kranz S**. Meeting the dietary reference intakes for fiber: Sociodemographic characteristics of preschoolers with high fiber intakes. *American Journal of Public Health*. 96(9):1538-1541, 2006. PMID: PMC1551954
50. **Kranz S**, Smiciklas-Wright H, Francis, L.A. Diet quality, added sugar, and dietary fiber intakes in American preschoolers. *Pediatric Dentistry*. 28(2):164-171, 2006.
51. **Kranz S**, Smiciklas-Wright H, Siega-Riz AM, Mitchell D. Adverse effect of high added sugar consumption on dietary intake in American preschooler. *Journal of Pediatrics*. 146(1); 105-11, 2005.
52. **Kranz S**, Mitchell DC, Siega-Riz AM, Smiciklas-Wright H. Dietary fiber intake by American preschoolers is associated with more nutrient-dense diets. *Journal of the American Dietetic Association*. 105(2):221-225, 2005.
53. Siega-Riz AM, **Kranz S**, Blanchette D, Haines PS, Guilkey DK, Popkin BM. The effect of participation in the WIC program on preschooler's diets. *Journal of Pediatrics*. 144(2):229-34, 2004.
54. **Kranz S**, Siega-Riz AM, Herring AH. Changes in Diet Quality of American preschoolers between 1977 and 1998. *American Journal of Public Health*. 94(9):1525-1530, 2004. PMID: PMC1448488
55. **Kranz S**, Siega-Riz AM. Sociodemographic determinants of added sugar intake in preschoolers 2 to 5 years old. *Journal of Pediatrics*. 140(6):667-672, 2002.
56. Enrione EB, Weeks O, **Kranz S**, Shen J. A vitamin E-deficient diet affects nerve regeneration in rats. *Nutrition*. 15(2):140-4, 1999.
57. Wellman NS, Weddle DO, **Kranz S**, Brain CT. Elder insecurities: poverty, hunger, and malnutrition. *Journal of the American Dietetic Association*. 97(10 Suppl 2):S120-S122, 1997.

#### **Other publications (not peer-reviewed)**

1. **Kranz S**, Findeis J. Executive Summary: Association between diet quality and childhood obesity in the U.S. pediatric population. USDA ERS Small grant# K-981834-09, published in ERS Annual Activity Report, 2006.
2. **Kranz S**, Siega-Riz AM. Executive Summary: Development of a diet quality index for preschool children and its application in examining dietary trends in the U.S. published in USDA ERS Small Grant annual report, 2003.
3. Wellman NS, Weddle DO, **Kranz S**, Brain CT. Elder insecurities – poverty, hunger, and malnutrition. *American Dietetic Association Hunger Line*. (6):1-3, Spring 1996.

#### **Invited Contribution to Publications:**

Position of the Academy of Nutrition and Dietetics: Nutrition Guidance for Healthy Children Ages 2 to 11 Years. Ogata BN and Hayes D. *Journal of the Academy of Nutrition and Dietetics*. 114(8):1257-76, 2014. DOI: 10.1016/j.jand.2014.06.001. Academy Positions Committee Workgroup: **Kranz S** (content advisor).

#### **Book**

Dietary intake and behavior in children. **Kranz S**. Editor, *Nutrients*, 2018. Open access book ISBN 978-3-03842-893-0 (Pbk) ISBN 978-3-03842-894-7 (PDF) <http://www.mdpi.com/books/pdfview/book/653>

#### **Book Chapter**

Zuercher J, **Kranz S**. Chapter 18: Student Food Decisions. In: *Food, nutrition and eating behavior*. Merrick J, Israeli S, editors. New York: Nova Science, 2014.

#### **MEETING ABSTRACTS (LAST 5 YEARS, Dr. Kranz presented or co-authored more than 150 abstracts since 2001)**

American College of Sports Medicine (ACSM) Annual Meeting, Orlando, USA, June 2019.

- Walton SR, Malin SK, **Kranz S**, Broshek DK, Hertel J, Resch JE. Effects of Concussion on Whole-Body Energy Metabolism and Caloric Intake: A Preliminary Investigation.

European Childhood Obesity Group (ECOG), Stockholm, Sweden, October 2015.

- **Kranz S**. Overall diet quality of the UK pediatric population compared to a country-specific modified version of the Revised Children's Diet Quality Index (RC-DQI).
- **Kranz S**, Jones N, Monsavais P. Suboptimal fish and seafood intake of UK children: NDNS-RP 2008-2012.

Experimental Biology, Boston, MA, March 2015.

- Jahns L, Payne CR, Whigham LD, Johnson LK, Scheett AJ, Hoverson BS, **Kranz S**. Diet Quality of Supermarket Sales Circulars measured by the Healthy Eating Index-2010
- Jahns L, Raatz S, Johnson LK, **Kranz S**, Silverstein JT, Picklo MJ. Seafood intake of US adults.

European Childhood Obesity Group (ECOG), Salzburg, Austria, November 2014.

- Brauchla M, Miller KB, Baker SL, **Kranz S**. The effect of offering two high-fiber snacks per day to a sample of school-age children on their overall diet quality.
- **Kranz S**, Newman L, Brauchla M. Direct comparison of liking and preference between whole grain and refined grain foods in a sample of preschool children.
- Baker S, McCabe S, Payne C, **Kranz S**. Do children like shaped fruits and vegetables?

Experimental Biology, San Diego, CA, April 2014.

- Baker SL, McCabe SD, Swithers SE, Payne CR, **Kranz S**, Adults' attitudes toward and purchasing intentions for child-friendly shaped healthy fruit and vegetable snacks.
- Baker SL, McCabe SD, Swithers SE, Payne CR, **Kranz S**. Children's liking of child-friendly shaped fruits and vegetables: does shape influence liking?
- Brauchla M, Baker S, McCabe GP, **Kranz S**. The effect of offering two high-fiber snacks per day to a sample of school-age children on their overall diet quality
- Huss LR, McCabe SD, Dobbs-Oates, JD, Burgess J, Behnke C, Santerre CR, **Kranz S**. Development of child-friendly fish dishes to increase young children's acceptance and consumption of fish.

Ingestive Behavior Research Center, annual meeting, West Lafayette, IN, October 24-26, 2013

- Baker SL, **Kranz S**, Payne C. Does the shape of fruit and vegetable snacks have an effect on consumer response? Exploratory, community based field study in children and caretakers of children.

Experimental Biology, Boston, MA, April 2013.

- **Kranz S**, Dodd K, Juan WY, Johnson L, Jahns LM. Comparison of main contributors to dietary fiber and whole grain in Americans' Diet: NHANES 2003-2010.
- **Kranz S**, Dodd K, Juan WY, Johnson L, Jahns LM. Essential steps in the analysis of NHANES dietary data.
- Baker SL, Reidenbach KL, McCabe SD, Brauchla MC, **Kranz S**. Effects of High-Fiber Snacks on Quality of Life in School-Aged Children.
- Baker SL, Reidenbach KL, McCabe SD, Brauchla MC, **Kranz S**. Correlations between child and parent-reported pediatric health-related quality of life in a sample of 7 to 11-year-old healthy children.

National Nutrient Databank Conference, Boston, MA, April 2013 (published online).

- Baker SL, **Kranz S**, Payne C. Does the shape of fruit and vegetable snacks have an effect on consumer response? Exploratory, community based field study in children and caretakers of children.

### **SELECTED EXAMPLES OF ENGAGEMENT ACTIVITIES (LAST 6 YEARS ONLY)**

- Curry School of Education Video, January 30, 2019 "Five simple tips for better health" <https://curry.virginia.edu/news/video-five-simple-tips-better-health>
- Interview: June 15, 2018. The Washington Post "Friday night is pizza night. How weekend choices undermine our kids' healthy eating habits."
- Interview: April 23, 2018. The Columbian "In our view: feeding kids sound policy." The importance of good diet quality on the ability to learn, especially in children from low-income, minority backgrounds.
- Interview: March 21, 2018. CNN "How does nutrition affect children's school performance?"
- Old Donation School, Virginia Beach, "Cooking from Scratch" Initiative. Advisor on changing school menu and incorporating student, parent, and teacher input on changes of the breakfast and lunch foods preparation and serving style. March 2018- current.
- Clevedon (UK) Child Care Centre "Happy Days": "Teaching children healthy nutrition and recognize hunger and satiety" meeting with center director and teachers to explore ways to teach children the concept of hunger and satiety. March 2015.
- Backwell (UK) Child Care Centre "Meadowside": Nutrition program evaluation, August 10 and 19, 2014.
- Indiana Early Childhood Conference (Sponsored by Indiana Association for the Education of Young Children), Indianapolis IN: "Early years are learning years", April 19 and 20, 2013.  
Host and present four workshops (75 minutes each) targeting early childhood nutrition:
  - "The Food Environment: Effects of Food Availability and Eating Culture on Preschooler's Intake",
  - "Dietary Fiber and Whole Grains are Not the Same Thing: Picking Healthy and High-Fiber Foods for Preschoolers",
  - "All Children like Sweets: Where Added Sugars Can be Found and How Much are we Eating?",
  - "The order of Foods: Why Desserts are More Important to Most Children than the Main Course".

## **FUNDED RESEARCH ACTIVITIES (LAST 5 YEARS ONLY):**

### **Grants (total cost):**

#### ***Funded (Role: PI)***

University of Virginia, Supporting Transformative Autism Research (STAR) Pilot Award. “Current Behaviors and Barriers/Facilitators to Physical Activity and Nutrition in Young Adults and Children with Autism Spectrum Disorder: Parent Perspectives.” (\$29,000, July 2019- May 2020). Co-PI: Marty Block. This grant supports the online survey data collection of parents of children and young adults with ASD to determine their current diet and PA patterns and to assess retrospectively, when eating behaviors were established.

University of Virginia, 3 Cavaliers grant. “Genetic modification of dietary effect on nutrient distribution and metabolism”. (\$60,000, Sept 2018 – December 2019). Co-PI Susanna Keller, Co-PI Mete Civelek. This grant is a pilot animal model to examine if dietary intake pattern (Western, vegetarian, Mediterranean) has an effect of metabolic changes in various tissues, such as white and brown fat, liver, and muscle). The overall goal of this project is to develop a proof of concept and to apply the model to human studies.

University of Virginia, Committee on Sustainability, Sustainability Course Development Fellowship (\$8,000, summer 2019). Funds are provided to pay for Dr. Kranz’s time to make substantial modifications to the course KINE3400 Nutrition to incorporate environmental health aspects to this course on diet, health and disease prevention.

University of Virginia, Committee on Sustainability, Sustainability Research Grant (\$8,000, 2019-2020). Funds are provided to collect data on UVA student’s efforts to reduce their nitrogen footprint.

University of Virginia, Equipment Trust Fund (\$27,400, 2018-2019) Funds are provided to equip the Diet and Nutrition Laboratory with capital equipment to conduct research on vegetable intake.

University of Virginia, Committee on Sustainability, Sustainability Research Development Grant (\$8000, 2019-2020). Funds are provided to collect data on undergraduate students’ dietary intake behavior change to reduce their reactive nitrogen burden on the environment.

University of Virginia, Harrison Undergraduate Research Award, Center for Undergraduate Excellence, “Nutrition and Learning” by Sarah Garziona and Sibylle Kranz (\$5,000, 2018-2019). Funds are provided to add outcome tests to an existing project on the relationship between feelings of hunger or fullness and children’s ability to learn (memory, cognitive and executive functioning).

University of Virginia, Chancellor’s Innovation Fund (CIF) (\$15,000, 2017-2018). Funds are provided for a small pilot study to measure preschooler’s hunger and fullness ratings before and after high-fiber meals while they participate at childcare in the Diet and Nutrition (DAN) laboratory.

University of Virginia, Jefferson Trust Fund, (\$40,000.00, 2018). Funds are provided to equip the Diet and Nutrition Laboratory with necessary items to help teach students nutrition and dietary intake skills.

University of Virginia, Equipment Trust Fund (\$57,620, 2016-2017) Funds are provided to equip the Diet and Nutrition Laboratory with capital equipment to conduct research, for measurement and food production.

Workshop: School feeding programme: Improvement of Diet Quality? (Elizabeth Blackwell Institute, University of Bristol, cash value approximately, £ 25,000, 2015), UK. Collaborator: Dr. Peter Rogers, Experimental Psychology, University of Bristol

Title: The association between intake of whole grain and dietary fiber on chronic disease risk in the American population (NHANES) (The Kellogg Foundation, \$90,000, June 2012-December 2013).

Title: The effect of dietary fiber intake on children’s diet and health (Kellogg’s company grant, \$118,000, March 2011-June 2012).

Title: Children’s ability to self-report digestive health (Kellogg’s company, \$50,000, March 2011-April 2012).

Title: Increasing fiber intake in children and measuring consumption of test foods (Project Development Team grant of the CTSI Purdue University, \$9,980, March 2010-April 2011).

Title: Long-term effect of increased legume intake on body weight status and cardiovascular disease risk factors in preschool-age children (US Dry Bean Council, \$10,000, November 2009-June 2010).

Title: Long-term effect of increased legume intake on body weight status and CVD risk factors in preschool-age children (US Dry Bean Health Research Program, \$10,000, December 2009-June 2011).

Title: Childhood Obesity Prevention Program Designed by Families for Families (NIH, \$66,150), subcontract to PI Kirsten Davison, SUNY Albany (October 2009-September 2011).

Title: Intergenerational resemblance of eating: CSFII (NICHD, \$145,000, April 2007-April 2011).

**Educational support: (Role: Supervisor of graduate students (listed for Purdue University only))**

Title: Lynn Fellowship for pre-doctoral students (tuition, stipend, and fees) 2011, 2012, 2013, and 2014

### **TEACHING ACTIVITIES at UVA**

#### **Instructor:**

KINE 6400 (3 credits) Changing behavior to improve diet and physical activity (Spring)

KINE 5486, (3 credits) Lifecycle Nutrition (Fall 2018)

KINE 3400, (3 credits) Nutrition (Fall and Spring)

#### **Co-Instructor:**

KINE 8400, (1 credit), Seminar in Exercise Physiology (Spring)

### **ADMINISTRATION**

Dr. Kranz is the chair of the Curry PhD Studies Committee 2019-2020 and served on the Faculty Council of the Curry School of Education at the University of Virginia 2017-2019. In addition, she serves as ad hoc committee member on a number of occasions (Search committee for EDLF Department Head and for the Program Coordinator for the Athletic Training Master's Program, Internal Tenure and review committees, Space committee etc.). From August 1, 2015 to June 30, 2016, Dr. Kranz served as the admission's tutor (director of admissions) for PhD applicants to all 9 Centres of the School of Policy Studies at the University of Bristol. Her role included the evaluation of application materials, facilitation of matching applicants to appropriate supervisors, and aiding successful students in the application process for external education funding.

In her previous position, Dr. Kranz served as the Director of the Coordinated Program in Dietetics (CP) at Purdue University. She reviewed and updated the curriculum and Program Handbook to reflect student's needs to graduate in 4 (rather than 5) years of training and she guided a 5-year program accreditation review. Under her guidance, the program increased by 50% (to enrollment of up to 25 new students per year) and RD Exam outcome rates were at excellent level (>target of 80% first-time pass rate).

### **SERVICE TO THE PROFESSION**

#### **Professional National and International Associations, Memberships:**

The Obesity Society (TOS), member 1998-current, Fellow 2007-current

American Society for Nutrition (ASN), member 1998-current

a. Obesity RIS, member 2018-current

b. Public Health RIS, member 2018-current

Society for the Study of Ingestive Behavior (SSIB), member 2016-current

American College of Sports Medicine (ACSM), member 2016-current

European Childhood Obesity Group (ECOG): member, 2005-2010 and 2014-2017

Academy of Nutrition and Dietetics (AND), formerly ADA, member 1995-2014 and 2018-current

a. Nutrition Entrepreneur Practice Group 2018-current

b. Research Practice Group, 2019-current

c. Nutrition and Dietetics Educator Practice Group, 2009-2014

d. Public Health/Community Practice Group, 2011-2014

e. Pediatric Nutrition Practice Group, 2011-2014

American Public Health Association (APHA), member 2001-2014  
Commission on Dietetic Registration (CDR), member 1998 - current  
UNC-School of Public Health Alumni Association, member 2002-current  
Florida International University Alumni Association, member 1998-current

### **Professional Associations, Positions Held**

#### ***Positions***

American Society for Nutrition (ASN)

- a) Epidemiology Research Interest Section (RIS)  
Steering Committee, member 2007- 2010, Council to the steering committee 2007-2009
- b) Medical Nutrition Council, member, 2009-2014

The Obesity Society (TOS, formerly NAASO), member 2002-2013, 2016- current

- a) Nutrition Epidemiology Section chair, 2009
- b) Graduate Student and New Investigator Committee, chair, 2006-2007
- c) Junior Researcher Forum, founding chair, 2005-2007

Academy of Nutrition and Dietetics (AND), formerly American Dietetic Association (ADA), member 1998-2014, and 2018-current

- a) Commission on Research, Research Integrity Subcommittee, appointed, 2019-2022
- b) Dietetics Education Committee member (board-appointed), 2012-2014

American Public Health Association (APHA)

- a) Intersectional Council Steering Committee (ISC-SC), Steering Committee member, 2009-2012
- b) Food and Nutrition Section  
Section chair, 2009; Section Council Member, 2007-2009; Program co-chair and chair, 2005-2007;  
Awards Committee chair, 2004-2005

Accreditation Council of The Academy for Nutrition and Dietetics (ACEND), formerly Commission on the Accreditation of Dietetics Education (CADE)

- a) Dietetics Education Program Reviewer (board-elected), 2012-2014
- b) Dietetic Education Committee member (board appointed), 2012-2014

#### ***Honors***

1. The Obesity Society (TOS) Fellow, 2007-current
2. The Obesity Society-Epidemiology Section, Certificate of Appreciation, 2010
3. American Public Health Association-Food and Nutrition Section, Certificate of Appreciation, 2007, 2008, 2009, 2010, 2011

### **Journals, Editorial Board**

Nutrients, Editorial Board member, 2018-current

Nutrition and Dietetics, Editorial Board member, 2015 - 2016

International Journal of Behavioral Nutrition and Physical Activity (IJBNPA), 2007-2016

Guest Editor: Nutrition, special issue on dietary intake, brain function, and learning, 2018-2019

Guest Editor: Nutrition, Dietary intake and children's behavior, 2016-2017

Guest Editor: Journal of Nutrition, special issue on non-nutritive sweeteners, 2012

### **Journals, Ad Hoc Journal Reviewer (selected, past 5 years only, in alphabetical order):**

Advances in Nutrition, American Journal of Health Behavior, American Journal of Public Health, Annals of Epidemiology, British Journal of Nutrition, Childhood Obesity, Current Developments in Nutrition, Environmental Health Perspectives, European Journal of Nutrition, European Journal of Clinical Nutrition, Health Policy, International Journal of Obesity, Journal of the Academy of Nutrition and Dietetics, Journal of Adolescent Health, Journal of Health Policy, Journal of the American College of Nutrition, Journal of Nutrition, Journal of Nutrition and Dietetics (UK), Journal of Nutrition Education and Behavior, Journal of Pediatrics, Journal of Preventive Medicine, Nutrients, Nutrition, Nutrition Journal, Physiology and Behavior, Public Health Nutrition.