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| **CURRICULUM VITAE – Naiman A. Khan, PhD, RD** |

Updated November 18, 2018

**Work Address**

Body Composition and Nutritional Neuroscience Laboratory

Department of Kinesiology and Community Health

Member of Division of Nutritional Sciences

Member of Neuroscience Program

Affiliate of the Family Resiliency Center

University of Illinois at Urbana-Champaign

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**Education**

May 2012 **Doctor of Philosophy in Nutritional Sciences**

University of Illinois at Urbana-Champaign, IL

 Dissertation advisor: Sharon M. Donovan, PhD, RD

May 2009 **Master of Science in Nutritional Sciences**

University of Illinois at Urbana-Champaign, IL

Thesis advisor: Karen Chapman-Novakofski, PhD, RD, LDN

 May 2006 **Bachelor of Science in Nutritional Sciences** Louisiana State University, Baton Rouge, LA

**Professional Credentials**

 2009-Present **Registration in Dietetics (RD)**

 University of Illinois at Urbana-Champaign, IL

**Academic Positions**

 Fall 2015-Present **Assistant Professor,** Body Composition and Nutritional Neuroscience Laboratory

 Kinesiology & Community Health

University of Illinois at Urbana-Champaign, IL

 2012-2015 **Postdoctoral Research Associate,** Neurocognitive Kinesiology Laboratory

 Kinesiology & Community Health

University of Illinois at Urbana-Champaign, IL

 2009-2012 **Graduate Research Assistant,** Extension and Outreach – Interdisciplinary Programs

 Vicki Rowe, PhD (Interim Director of EFNEP & SNAP-Ed)

University of Illinois at Urbana-Champaign, IL

 2009-2011 **Graduate Research Assistant,** Bone and Body Composition Laboratory

 Ellen M. Evans, PhD (Principal Investigator)

 Kinesiology & Community Health

University of Illinois at Urbana-Champaign, IL

 2006-2009 **Graduate Research Assistant,** Community Nutrition Laboratory

 Karen Chapman-Novakofski, PhD, RD, LDN (Principal Investigator)

 Food Science and Human Nutrition

 University of Illinois at Urbana-Champaign, IL

**External Grants**

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| --- | --- | --- | --- | --- |
| Investigators | Funding Agency | Title | Funding Year(s) | Total Funding |
| PI: NA KhanCo-Is: NJ Cohen, CH Hillman, AF Kramer | Abbott Laboratories | The Effects of Fortified Nutritional Supplementation on Cognition, Memory, and Achievement | 5/16/12-12/31/18 | $2,261,636 |
| PI: NA KhanCo-I: CH Hillman | Danone Nutricia | The Effects of Hydration on Brain, Cognition, Memory & Achievement in Childhood | 6/1/14-12/31/18 | $718,990 |
| PI: NA KhanCo-Is: J Biggan, HD Holscher, NJ Cohen, CH Hillman, AF Kramer | Abbott Laboratories | Retrospectively Studying the Effects of Early Life Nutrient Intake on Cognitive Function and Brain Health in Preadolescent Children | 8/16/15-12/31/17 | $179,433 |
| PI: NA Khan Co-PI: HD HolscherCo-Is: N Burd, B Fiese | Hass Avocado Board | Investigating the Effects of Avocado Intake on Metabolic and Cognitive Health: A Systems Approach | 12/1/15-12/31/18 | $887,221 |
| PI: J McCaffreyCo-Is: N Khan, R An | USDA North Central Nutrition Education Center for Excellence | Evaluating a Multi-Modal Community Nutrition Education Modal within SNAP-Ed and EFNEP | 9/1/15-9/1/17 | $50,000 |
| PI: J McCaffreyCo-Is: N Khan, R An | USDA North Central Nutrition Education Center for Excellence | Evaluating the a Multi-Modal Community Nutrition Education Modal within SNAP-Ed and EFNEP (Phase 2) | 2/1/16-8/31/18 | $56,200 |
| PI: N BurdCo-Is: N Khan, M DeLisio | National Cattlemen’s Beef Association | The Influence of Regular Beef Consumption and Protein Density of the Diet on Training Induced Gains in Muscle Strength and Performance in Healthy Adults | 7/1/16-6/30/18 | $253,626 |
| PI: N KhanCo-Is: A Walk | National Dairy Council | Diet Quality and Cognitive Control Function in Early Childhood: A Pilot Study  | 8/1/16-6/30/18 | $143,487 |
| PI: N KhanCo-Is: R Motl | National Multiple Sclerosis Society | Retinal Lutein and Visual Health in Multiple Sclerosis | 3/1/17-2/28/19 | $43,051 |
| PI: S DonovanCo-I: NA Khan | National Institutes of Health (RO1) | Dietary and Microbial Predictors of Childhood Obesity Risk | 7/1/17-6/30/22 | $2,779,941 |
| PI: NA KhanCo-PI: HD Holscher, L Renzi-Hammond | Egg Nutrition Center | Correlational and intervention effects of egg consumption on macular carotenoids, cognition, and achievement | 08/01/17- 07/31/19 | $219,631 |
| PI: N BurdCo-Is: N Khan, S Petruzzello | National Cattlemen’s Beef Association | The role of beef ingestion in supporting exercise-derived benefits for the muscle-brain interconnect | 07/01/18 - 06/30/19 | $74,187 |
| PI: NA KhanCo-I: Anne Walk | National Dairy Council | Cross-sectional and Longitudinal Predictors of Cognitive Control and Early Academic Abilities among Preschool Children | 05/01/18 - 04/30/22 | $671,805 |

**Internal Grants**

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| --- | --- | --- | --- | --- |
| Investigators | Funding Agency | Title | Funding Year(s) | Total Funding |
| PI: M DeLisioCo-Is: NA Khan | Division of Nutritional Sciences (Vision 20/20) | The effects of overweight/obesity and acute dietary protein ingestion on muscle stem cell function | 10/14-10/16 | $20,000 |
| PI: NA KhanCo-Is: HD Holscher, J Biggan, M DeLisio | Division of Nutritional Sciences (Vision 20/20) | The effects of probiotics and prebiotics on behavioral and biological markers of cognition and stress | 9/15-9/18 | $20,000 |
| PI: HD HolscherCo-Is: NA Khan, K. Wilund, B O’Brien | Division of Nutritional Sciences (Vision 20/20) | Hepatic Steatosis as a Novel Target for a Dietary Fiber Intervention in Overweight and Obese Adults | 10/16-10/18 | $20,000 |
| PI: NA KhanCo-Is: M Browning, A Schwingel, HD Holscher | Christopher Family Foundation Food & Family Program Seed Grant  | Gardening and Family Health: Elucidating the Role of the Human and Environmental Microbiota | 4/17-4/19 | $50,000 |
| PI: NA KhanCo-Is: S Donovan, B Meline | Division of Nutritional Sciences (Vision 20/20) | Examining Prenatal and Postpartum Weight Gain and Retention as Contributors to Maternal Carotenoid Status | 10/18-10/20 | $20,000 |

**Publications**

 Peer-Reviewed Journal Articles (in print or accepted)

1. Edwards, C.G., Walk, A.M., Cannavale, C.N., Thompson, S.V., Reeser, G.E., Holscher, H.D., & **Khan, N.A.** Macular Xanthophylls and Event-Related Brain Potentials among Adults with Overweight and Obesity. *Molecular Nutrition and Food Research*. DOI: 10.1002/mnfr.201801059. In press.
2. McLoughlin, G.M., Edwards, C.G., Jones, A.R., Chojnacki, M.R., Baumgartner, N.W., Walk, A.M., Woods, A.M., Graber, K.C., & **Khan, N.A.** School Lunch Timing and Children's Physical Activity during Recess: An Exploratory Study. *Journal of Nutrition Education and Behavior*. In press.
3. Taylor, A.M., Thompson, S.V., Edwards, C.G., Musaad, S.M., **Khan, N.A.**, & Holscher, H.D. Associations among diet, the gastrointestinal microbiota, and negative emotional states in adults. *Nutritional Neuroscience*. In press.
4. Chojnacki, M.R., Holscher, H.D., Balbinot, A.R., Raine, L.B., Biggan, J.R., Walk, A.M., Kramer, A.F., Cohen, N.J., Hillman, C.H., & **Khan, N.A.** Relations between mode of birth delivery and timing of developmental milestones and adiposity in preadolescence: a retrospective study. *Early Human Development*, 129 (52-59). https://doi.org/10.1016/j.earlhumdev.2018.12.021.
5. Jones, A.R., Robbs, C.M., Edwards, C., Walk, A., Thompson, S., Reeser, G.E., Holscher, H.D., & **Khan, N.A**. Retinal morphometric markers of crystallized and fluid intelligence among adults with overweight and obesity. *Frontiers in Psychology*. In press.
6. Edwards, C., Walk, A., Thompson, S., Mullen, S., Holscher, H., & **Khan, N.A.** (2018). Disordered Eating Attitudes and Behavioral and Neuroelectric Indices of Cognitive Flexibility in Individuals with Overweight and Obesity. *Nutrients*. Vol. 10, Page 1902, 10(12), 1902. https://doi.org/10.3390/NU10121902
7. Hassevoort, K. M., Lin, A. S., **Khan, N. A.,** Hillman, C. H., Cohen, N. J. Added sugar and dietary fiber consumption are associated with creativity in preadolescent children. *Nutritional Neuroscience*, In press. https://doi.org/10.1080/1028415X.2018.1558003

1. Hannon, B. A., Thompson, S. V., Edwards, C. G., Skinner, S. K., Niemiro, G. M., Burd, N. A., Holscher, H. D., Teran-Garcia, M., & **Khan, N. A**. Dietary fiber is independently related to blood triglycerides among adults with oerweight and obesity. *Current Developments in Nutrition*, https://doi.org/10.1093/cdn/nzy094
2. Pindus, D. M., Drollette, E. D., Raine L. B., Kao, S., **Khan, N. A.**, Westfall, D., Hamill, M., Shorin, R., Calobrisi, E., John, D., Kramer, A. F., & Hillman, C. H. Moving fast, thinking fast: The relations of physical activity levels and bouts to neuroelectric indices of inhibitory control in preadolescents. *Journal of Sport and Health Science*, In Press.
3. Hannon, B., **Khan, N. A.,** & Teran-Garcia, M. (2018). Nutrigenetic Contributions to Dyslipidemia: A Focus on Physiologically Relevant Pathways of Lipid and Lipoprotein Metabolism. *Nutrients*, 10(10), 1404. https://doi.org/10.3390/nu10101404
4. Niemiro, G. M., Skinner, S. K., Walk, A. M., Edwards, C. G., De Lisio, M., Holscher, H. D., … **Khan, N. A.** (2018). Oral Glucose Tolerance is Associated with Neuroelectric Indices of Attention Among Adults with Overweight and Obesity. *Obesity*. <https://doi.org/10.1002/oby.22276>
5. Hassevoort, K. M., **Khan, N. A.,** Hillman, C. H., Kramer, A. F., & Cohen, N. J. (2018). Relational Memory is Associated with Academic Achievement in Preadolescent Children*. Trends in Neuroscience and Education*. https://doi.org/10.1016/j.tine.2018.09.001
6. **Khan, N. A.**, Walk, A. M., Edwards, C. G., Jones, A. R., Cannavale, C. N., Thompson, S. V., … Holscher, H. D. (2018). Macular xanthophylls are related to intellectual ability among adults with overweight and obesity. *Nutrients*, *10*(4), 396; https://doi:10.3390/nu10040396
7. Kao, S.-C., Drollette, E. S., Ritondale, J. P., **Khan, N.,** & Hillman, C. H. (2018). The acute effects of high-intensity interval training and moderate-intensity continuous exercise on declarative memory and inhibitory control. *Psychology of Sport and Exercise*, *38*, 90–99. https://doi.org/10.1016/J.PSYCHSPORT.2018.05.011
8. Raine, L., Drollette, E., Kao, S.-C., Westfall, D., Chaddock-Heyman, L., Kramer, A. F., **Khan, N.,** Hillman, C. (2018). The Associations between Adiposity, Cognitive Function, and Achievement in Children. *Medicine and Science in Sports and Exercise*, 50(9), 1868–1874. https://doi.org/10.1249/MSS.0000000000001650
9. Saint, S., Renzi-Hammond, L., **Khan, N.**, Hillman, C., Frick, J., & Hammond, B. (2018). The Macular Carotenoids are Associated with Cognitive Function in Preadolescent Children. *Nutrients*, 10(2), 193. <https://doi.org/10.3390/nu10020193>
10. Niemiro, G. M., Allen, J. M., Mailing, L. J., **Khan, N. A**., Holscher, H. D., Woods, J. A., & De Lisio, M. (2018). Effects of endurance exercise training on inflammatory circulating progenitor cell content in lean and obese adults. *The Journal of Physiology*, *596*(14), 2811–2822. https://doi.org/10.1113/JP276023
11. Raine, L. B., Kao, S.-C., Pindus, D., Westfall, D. R., Shigeta, T. T., Logan, N., Cadenas-Sanchez, C., Li, J., Drollette, E. S., Pontifex, M. B., **Khan, N.**, Kramer, A. F. Hillman, C. H. (2018). A Large-Scale Reanalysis of Childhood Fitness and Inhibitory Control. *Journal of Cognitive Enhancement*, 1–23.
12. Drollette, E. S., Pontifex, M. B., Raine, L. B., Scudder, M. R., Moore, R. D., Kao, S.-C. Westfall, D. R.; Wu, C.-T., Kamijo, K., Castelli, D. M., **Khan, N. A.**, Kramer, A. F. Hillman, C. H. (2018). Effects of the FITKids physical activity randomized controlled trial on conflict monitoring in youth. *Psychophysiology*, 55(3). https://doi.org/10.1111/psyp.13017
13. Chojnacki, M. R., Raine, L. B., Drollette, E. S., Scudder, M. R., Kramer, A. F., Hillman, C. H., & **Khan, N. A.** (2018). The Negative Influence of Adiposity Extends to Intraindividual Variability in Cognitive Control Among Preadolescent Children. *Obesity*, 26(2). https://doi.org/10.1002/oby.22053
14. Nikolaus, C. J., Loehmer, E., Jones, A., An, R., **Khan, N.,** & McCaffrey, J. (2018). Impact of Food Assistance Program Participation on Food Security Patterns: A Longitudinal Study of Women in Illinois. *Journal of Nutrition Education and Behavior*, 50(7), S24. https://doi.org/10.1016/j.jneb.2018.04.065
15. Baumgartner, N. W., Walk, A. M., Edwards, C. G., Covello, A. R., Chojnacki, M. R., Reeser, G. E., … **Khan, N. A.** (2017). Relationship Between Physical Activity, Adiposity, and Attentional Inhibition. *Journal of Physical Activity and Health*, 1–6. https://doi.org/10.1123/jpah.2017-0181
16. Barnett, S. M., **Khan, N. A.**, Walk, A. M., Raine, L. B., Moulton, C., Cohen, N. J., … Hillman, C. H. (2017). Macular pigment optical density is positively associated with academic performance among preadolescent children. *Nutritional Neuroscience*, 1–9. https://doi.org/10.1080/1028415X.2017.1329976
17. Balto, J. M., Ensari, I., Hubbard, E. A., **Khan, N.**, Barnes, J. L., & Motl, R. W. (2017). Co-occurring Risk Factors in Multiple Sclerosis. *American Journal of Health Behavior*, 41(1), 76–83. https://doi.org/10.5993/AJHB.41.1.8
18. An, R., Loehmer, E., **Khan, N.**, Scott, M. K., Rindfleisch, K., & McCaffrey, J. (2017). Community partnerships in healthy eating and lifestyle promotion: A network analysis. *Preventive Medicine Reports*, 6, 294–301. https://doi.org/10.1016/j.pmedr.2017.03.007
19. An, R., Liu, G., **Khan, N.**, Yan, H., & Wang, Y. (2017). Dietary Habits and Cognitive Impairment Risk Among Oldest-Old Chinese. *The Journals of Gerontology*: Series B. https://doi.org/10.1093/geronb/gbw170
20. An, R., **Khan, N.**, Loehmer, E., & McCaffrey, J. (2017). Assessing the Network of Agencies in Local Communities that Promote Healthy Eating and Lifestyles among Populations with Limited Resources. *American Journal of Health Behavior*, 41(2), 127–138. https://doi.org/10.5993/AJHB.41.2.3
21. Walk, A. M., Raine, L. B., Kramer, A. F., Cohen, N. J., **Khan, N. A.**, & Hillman, C. H. (2017). Differential effects of carbohydrates on behavioral and neuroelectric indices of selective attention in preadolescent children. *Frontiers in Human Neuroscience*, 11. https://doi.org/10.3389/fnhum.2017.00614
22. Walk, A. M., **Khan, N. A.**, Barnett, S. M., Raine, L. B., Kramer, A. F., Cohen, N. J., … Hillman, C. H. (2017). From neuro-pigments to neural efficiency: The relationship between retinal carotenoids and behavioral and neuroelectric indices of cognitive control in childhood. *International Journal of Psychophysiology*, 118. https://doi.org/10.1016/j.ijpsycho.2017.05.005
23. Walk, A. M., Edwards, C. G., Baumgartner, N. W., Chojnacki, M. R., Covello, A. R., Reeser, G. E., … **Khan, N. A.** (2017). The role of retinal carotenoids and age on neuroelectric indices of attentional control among early to middle-aged adults. *Frontiers in Aging Neuroscience*, 9. https://doi.org/10.3389/fnagi.2017.00183
24. Raine, L. B., **Khan, N. A.**, Drollette, E. S., Pontifex, M. B., Kramer, A. F., & Hillman, C. H. (2017). Obesity, Visceral Adipose Tissue, and Cognitive Function in Childhood. *The Journal of Pediatrics*, 187, 134–140.e3. https://doi.org/10.1016/j.jpeds.2017.05.023
25. Hassevoort, K. M., Khazoum, S. E., Walker, J. A., Barnett, S. M., Raine, L. B., Hammond, B. R., Renzi-Hammond, L. M. Kramer, A. F., **Khan, N. A.**, Hillman, C. H Cohen, N. J. (2017). Macular Carotenoids, Aerobic Fitness, and Central Adiposity Are Associated Differentially with Hippocampal-Dependent Relational Memory in Preadolescent Children. *Journal of Pediatrics*, 183. https://doi.org/10.1016/j.jpeds.2017.01.016
26. Pindus, D. M., Drollette, E. S., Scudder, M. R., **Khan, N. A.**, Raine, L. B., Sherar, L. B., … Hillman, C. H. (2016). Moderate-to-Vigorous Physical Activity, Indices of Cognitive Control, and Academic Achievement in Preadolescents. *Journal of Pediatrics*, 173, 136–142. https://doi.org/10.1016/j.jpeds.2016.02.045
27. Niemiro, G. M., Raine, L. B., **Khan, N. A.**, Emmons, R., Little, J., Kramer, A. F., … De Lisio, M. (2016). Circulating progenitor cells are positively associated with cognitive function among overweight/obese children. *Brain, Behavior, and Immunity*, 57. https://doi.org/10.1016/j.bbi.2016.03.018
28. Hassevoort, K. M., **Khan, N. A.**, Hillman, C. H., & Cohen, N. J. (2016). Childhood Markers of Health Behavior Relate to Hippocampal Health, Memory, and Academic Performance. *Mind, Brain, and Education*. https://doi.org/10.1111/mbe.12108
29. Balto, J. M., Ensari, I., Hubbard, E. A., **Khan, N.**, Barnes, J. L., & Motl, R. W. (2016). Individual and co-occurring SNAP risk factors: Smoking, nutrition, alcohol consumption, and physical activity in people with multiple sclerosis. *International Journal of MS Care*, 18(6). https://doi.org/10.7224/1537-2073.2016-040
30. An, R., & **Khan, N.** (2016). Salad Consumption in Relation to Daily Dietary Intake and Diet Quality among U.S. Adults, 2003-2012. *Epidemiology, Biostatistics and Public Health*, 13(2). https://doi.org/10.2427/11791
31. Ziauddeen, H., Alonso-Alonso, M., Hill, J. O., Kelley, M., & **Khan, N. A.** (2015). Obesity and the neurocognitive basis of food reward and the control of intake. *Advances in Nutrition* (Bethesda, Md.), 6(4), 474–86.
32. Scudder, M. R., **Khan, N. A.**, Lambourne, K., Drollette, E. S., Herrmann, S. D., Betts, J. L., … Hillman, C. H. (2015). Cognitive control in preadolescent children with risk factors for metabolic syndrome. *Health Psychology*, 34(3). https://doi.org/10.1037/hea0000114
33. McCorkle, S. M., Raine, L. B., Hammond, B. R., Renzi-Hammond, L., Hillman, C. H., & **Khan, N. A.** (2015). Reliability of Heterochromatic Flicker Photometry in Measuring Macular Pigment Optical Density among Preadolescent Children. *Foods*, 4(4), 594–604.
34. **Khan, N. A.**, Raine, L. B., Drollette, E. S., Scudder, M. R., Kramer, A. F., & Hillman, C. H. (2015). Dietary Fiber Is Positively Associated with Cognitive Control among Prepubertal. *Journal of Nutrition: Ingestive Behavior and Neurosciences*, 145(1), 143–149.
35. **Khan, N. A.**, Raine, L. B., Drollette, E. S., Scudder, M. R., & Hillman, C. H. (2015). The relation of saturated fats and dietary cholesterol to childhood cognitive flexibility. *Appetite*.
36. **Khan, N. A.**, Raine, L. B., Drollette, E. S., Scudder, M. R., Cohen, N. J., Kramer, A. F., & Hillman, C. H. (2015). The relationship between total water intake and cognitive control among prepubertal children. *Annals of Nutrition and Metabolism*, 66. https://doi.org/10.1159/000381245
37. **Khan, N. A.**, Baym, C. L., Monti, J. M., Raine, L. B., Drollette, E. S., Scudder, M. R., … Cohen, N. J. (2015). Central Adiposity Is Negatively Associated with Hippocampal-Dependent Relational Memory among Overweight and Obese Children. *Journal of Pediatrics*, 166(2), 302–308.e1. https://doi.org/10.1016/j.jpeds.2014.10.008
38. Hillman, C. H., **Khan, N. A.**, & Kao, S.-C. (2015). The Relationship of Health Behaviors to Childhood Cognition and Brain Health. *Annals of Nutrition and Metabolism*, 66(Suppl. 3), 1–4.
39. Pontifex, M. B., Kamijo, K., Scudder, M. R., Raine, L. B., **Khan, N. A.**, Hemrick, B., … Hillman, C. H. (2014). The differential association of adiposity and fitness with cognitive control in preadolescent children. *Monographs of the Society for Research in Child Development*, 79(4), 72–92.
40. **Khan, N. A.**, Raine, L. B., Drollette, E. S., Scudder, M. R., Pontifex, M. B., Castelli, D. M., … Hillman, C. H. (2014). Impact of the FITKids physical activity intervention on adiposity in prepubertal children. *Pediatrics*, 133(4), e875-83. https://doi.org/10.1542/peds.2013-2246
41. **Khan, N. A.**, Raine, L. B., Donovan, S. M., & Hillman, C. H. (2014). The cognitive implications of obesity and nutrition in childhood. *Monographs of the Society for Research in Child Development*, 79(4), 51–71.
42. **Khan, N. A.**, & Hillman, C. H. (2014). The Relation of Childhood Physical Activity and Aerobic Fitness to Brain Function and Cognition: A Review. *Pediatric Exercise Science*, 26, 138–146. https://doi.org/10.1123/pes.2013-0125
43. Hill, J. O., Berridge, K., Avena, N. M., Ziauddeen, H., Alonso-Alonso, M., Allison, D. B., **Khan, N. A.**, Kelley, M. (2014). Neurocognition: The food-brain connection. *Advances in Nutrition*, 5(5). https://doi.org/10.3945/an.114.006437
44. Kamijo, K., Pontifex, M. B., **Khan, N. A.**, Raine, L. B., Scudder, M. R., Drollette, E. S., … Hillman, C. H. (2014). The negative association of childhood obesity to cognitive control of action monitoring. *Cerebral Cortex*, 24(3). https://doi.org/10.1093/cercor/bhs349
45. Hillman, C. H., Pontifex, M. B., Castelli, D. M., **Khan, N. A.**, Raine, L. B., Scudder, M. R., … Kamijo, K. (2014). Effects of the FITKids Randomized Controlled Trial on Executive Control and Brain Function. *Pediatrics*, 134(4).
46. Baym, C. L., **Khan, N. A.**, Pence, A., Raine, L. B., Hillman, C. H., & Cohen, N. J. (2014). Aerobic fitness predicts relational memory but not item memory performance in healthy young adults. *Journal of Cognitive Neuroscience*, 26(11). https://doi.org/10.1162/jocn\_a\_00667
47. Baym, C. L., **Khan, N. A.**, Monti, J. M., Raine, L. B., Drollette, E. S., Moore, R. D., … Cohen, N. J. (2014). Dietary lipids are differentially associated with hippocampal-dependent relational memory in prepubescent children. *American Journal of Clinical Nutrition*, 99(5). https://doi.org/10.3945/ajcn.113.079624
48. Kamijo, K., Pontifex, M. B., **Khan, N. A.**, Raine, L. B., Scudder, M. R., Drollette, E. S., … Hillman, C. H. (2012). The association of childhood obesity to neuroelectric indices of inhibition. *Psychophysiology*, 49(10), 1361–1371. https://doi.org/10.1111/j.1469-8986.2012.01459.x
49. Kamijo, K., **Khan, N. A.**, Pontifex, M. B., Scudder, M. R., Drollette, E. S., Raine, L. B., … Hillman, C. H. (2012). The Relation of Adiposity to Cognitive Control and Scholastic Achievement in Preadolescent Children. *Obesity*, 20(12), 2406–2411. https://doi.org/10.1038/oby.2012.112
50. Nasti, C. J., **Khan, N. A.**, Evans, E. M., & Chapman-Novakofski, K. (2011). Using a Teaching Partnership to Improve Nutrition and Exercise in College Students. *NACTA Journal*.
51. **Khan, N. A.**, Nasti, C., Evans, E. M., & Chapman-Novakofski, K. (2009). Peer education, Exercising, and Eating Right (PEER): Training of Peers in an Undergraduate Faculty Teaching Partnership. *Journal of Nutrition Education and Behavior*, 41(1). https://doi.org/10.1016/j.jneb.2008.03.116

Abstracts

1. Niemiro, G. M., Walk, A. M., Edwards, C. G., Bailey, M. A., Skinner, S. K., De Lisio, M., … **Khan, N**. (2018). Chronic Systemic Inflammation Moderates the Relationship Between Adiposity and Behavioral and Neuroelectric Indices of Attention. *Medicine & Science in Sports & Exercise*, 50, 756. https://doi.org/10.1249/01.mss.0000538493.70447.c9
2. Westfall, D. R., Barnett, S., Covello, A. R., Bottin, J. H., Perrier, E. T., **Khan, N. A.**, & Hillman, C. H. (2017). The Influence of Hydration on Childhood Cognitive Control. *Med Sci Sports Exerc*, 49(5S), 304.
3. Westfall, D., Hassevoort, K., Barnett, S., Covello, A., Bottin, J., Perrier, E., … **Khan, N.** (2017). Effects of hydration on relational memory among preadolescent children. *The FASEB Journal*, 31(1 Supplement), 636–7.
4. Walk, A., Chojnacki, M., Drollette, E., Raine, L., Balbinot, A., Biggan, J., … **Khan, N.A.** (2017). Influence of Birth-weight-for-gestational-age on Neuroelectric Function in Preadolescence*. J. Acad.* Nutr. Diet, 117(9), A89.
5. Thompson, S. V., Berndt, J. W., Edwards, C. G., Erdman, J. W., **Khan, N. A.**, O’Brien, W. D., & Holscher, H. D. (2017). Bacterial fermentation end-products are related to hepatic steatosis among overweight and obese adults. *The FASEB Journal*, 31(1 Supplement), 138.6-138.6.
6. Taylor, A. M., Edwards, C. G., **Khan, N. A.**, & Holscher, H. D. (2017). Gastrointestinal microbiota and cognitive function in adult females. *The FASEB Journal*, 31(1 Supplement), 965.34-965.34.
7. Shigeta, T. T., Raine, L., Drollete, E., Kao, S.-C., Westfall, D., Scudder, M., … Hillman, C. (2017). Visceral Adipose Tissue Is Negatively And Selectively Associated With Cognition Among Obese Children. *Med Sci Sports Exerc*, 49(5S), 303.
8. Nikolaus, C. J., Loehmer, E., Laurent, E., An, R., **Khan, N.**, & McCaffrey, J. (2017). Nutrition Environment Food Pantry Assessment Tool (NEFPAT): Development and Evaluation. *JNEB*, 49(7), S15–S16.
9. McLoughlin, G. M., Woods, A. M., Graber, K. C., & **Khan, N. A.** (2017). Effects of Recess Timing on Physical Activity and Nutritional Intake. *Res Q Exerc Sport*, 88, A78–A79.
10. McLoughlin, G. M., Covello, A., Edwards, C., Baumgartner, N., Curran, M., Burkhalter, T., … **Khan, N.** (2017). The Influence Of Contextual Factors On Recess Physical Activity Among Elementary School Children. *Med Sci Sports Exerc*, 49(5S), 883.
11. McLoughlin, G., Edwards, C., Covello, A., Baumgartner, N., Curran, M., Graber, K., … **Khan, N.** (2017). School Lunch and Physical Activity During Recess: Interactive Effects of Health Behaviors in the School Setting. *The FASEB Journal*, 31(1 Supplement), 149.1-149.1.
12. Hou, A. Y., Kaczmarek, J. L., **Khan, N. A.**, & Holscher, H. D. (2017). Dietary Fiber and the Human Gastrointestinal Microbiota as Predictors of Bone Health. *The FASEB Journal*, 31(1 Supplement), lb322-lb322.
13. Edwards, C., Walk, A., Thompson, S., Mullen, S., Holscher, H., & **Khan, N.** (2017). Domain-specific relationships between cognitive control and disordered eating attitudes. *The FASEB Journal*, 31(1 Supplement), 150.3-150.3.
14. Edwards, C., Walk, A., Baumgartner, N., Chojnacki, M., Covello, A., Evensen, J., … **Khan, N.** (2017). Relationship Between Whole Grain Consumption and Selective Attention: A Behavioral and Neuroelectric Approach. *J Am Diet Assoc*, 117(9), A93.
15. Dietrich, J. R., Kaczmarek, J. L., Reeser, G. E., **Khan, N. A.**, & Holscher, H. D. (2017). Assessment of dietary intervention compliance of subjects participating in an ongoing randomized controlled trial. *The FASEB Journal* (Vol. 31, p. lb366-lb366).
16. Covello, A. R., Nikolaus, C. J., Curran, M. R., Edwards, C. G., Baumgartner, N. W., Liu, R. H., … **Khan, N. A.** (2017). Examining the Role of Habitual Physical Activity in the Food Insecurity-Obesity Paradox. *The FASEB Journal*, 31(1 Supplement), 726–791.
17. Chojnacki, M., Edwards, C., Baumgartner, N., Walk, A., Covello, A., Reeser, G., … **Khan, N.** (2017). Weight Status and Visceral Adiposity are related to Intraindividual Variability in Cognitive Function. *J. Acad. Nutr. Diet*, 117(9), A38.
18. Baumgartner, N. W., Walk, A. M., Edwards, C. G., Curran, M. R., Covello, A. R., Reeser, G. E., & **Khan, N. A.** (2017). Sedentary Time is Inversely Related to Behavioral and Neuroelectric Indices of Cognitive Control. *The FASEB Journal*, 31(1 Supplement), 1014–1076.
19. Baumgartner, N. W., Walk, A. M., Edwards, C. G., Covello, A. R., Curran, M. R., Reeser, G. E., … **Khan, N. A.** (2017). Habitual Physical Activity Moderates the Negative Influence of Adiposity on Cognitive Control. *Med. Sci. Sports Exerc*, 49(5S), 213.
20. Balbinot, A., Chojnacki, M., Drollette, E., Raine, L., Walk, A., Biggan, J., … **Khan, N.** (2017). Differences In Timing of Developmental Milestones Across Vaginally vs. Cesarean-section Delivered Infants: A Retrospective Study*. J. Acad. Nutr. Diet*, 117(9), A85.
21. Curran, M. R., Raine, L. B., Pontifex, M. B., Castelli, D. M., Hillman, C. H., & **Khan, N. A.** (2016). Accumulation of Fat Mass During the School Year is Associated with Lower Gains in Math Achievement and Cognitive Control among Preadolescent Children. *The FASEB Journal*, 30(1 Supplement), lb320-lb320.
22. Covello, A. R., Baumgartner, N. W., Curran, M. R., Reeser, G. E., Cohen, N. J., Kramer, A. F., … **Khan, N. A.** (2016). The Sexual Dimorphic Relationship Between Dietary Fiber Intake and Visceral Adipose Tissue. *The FASEB Journal*, 30(1 Supplement), lb228-lb228.
23. Baumgartner, N. W., Covello, A. R., Reeser, G. E., Cohen, N. J., Kramer, A. F., Barbey, A. K., … **Khan, N. A.** (2016). Moderate To Vigorous Physical Activity Influences Aerobic Capacity Independent Of Body Composition. *Med. Sci. Sports Exerc*, 48(5S), 204.
24. Walk, A., Raine, L., Moulton, C., Kuchan, M., Cohen, N., Kramer, A., … **Khan, N.** (2016). Macular Carotenoids Are Positively Related to Academic Achievement In Pre-Adolescent Children. *Clinical Nutrition*, 35, S255–S256.
25. Walk, A. M., Raine, L. B., Cohen, N. J., Kramer, A. F., Hillman, C. H., & **Khan, N. A.** (2016). High-fit Children Exhibit Greater Resilience to the Transient Effects of Sucralose on Cognitive Control. *Med Sci Sports Exerc*, 48(5S), 1050.
26. Walk, A., **Khan, N.**, McCorkle, S., Drollette, E., Raine, L., Kramer, A., … Hillman, C. (2016). The Role of Macular Pigment Optical Density in Children’s Attentional Control and Academic Achievement. *Psychophysiology*, 53, S89–S89.
27. Raine, L., Cohen, N., Kramer, A., Hillman, C., & **Khan, N.** (2016b). From visceral fat to brain function: The selectively negative influence of central adiposity on neuroelectric indices in preadolescent children. *The FASEB Journal*, 30(1 Supplement), 679.1-679.1.
28. Raine, L., Cohen, N., Kramer, A., Hillman, C., & **Khan, N.** (2016a). Carbohydrates differentially influence children’s efficiency during cognitive control tasks. *The FASEB Journal*, 30(1 Supplement), 679.2-679.2.
29. **Khan, N.**, Raine, L., Drollette, E., Scudder, M., Kramer, A., Donovan, S., & Hillman, C. (2015). Gestational Deficits have Selectively Negative Long-Term Effects on Cognitive Control among Female Preadolescents. *The FASEB Journal*, 29(1 Supplement), 900.18.
30. **Khan, N.**, Raine, L., Winter, A., Cohen, N., & Kramer, A. (2015). Differential Effects of Carbohydrates on Changes in Acute Childhood Cognitive Control. *The FASEB Journal*, 29(Supplement), 392.3.
31. Drollette, E. S., Raine, L. B., Scudder, M. R., Pontifex, M. B., Moore, R. D., Kao, S.-C., … Hillman, C. H. (2015). Dimorphic sex differences in conflict monitoring and the flexible modulation of cognitive control in young children: an ERP investigation. *Psychophysiology*, 52, S50–S50.
32. Scudder, M. R., Drollette, E. S., Raine, L. B., Pontifex, M. B., Moore, R. D., Kao, S.-C., … Hillman, C. H. (2015). The influence of socioeconomic factors on neuroelectric, cognitive, and academic achievement in preadolescent children. *Psychophysiology*, 52, S50–S50.
33. Raine, L. B., Pontifex, M. B., **Khan, N. A.**, Scudder, M. R., Drollette, E. S., Moore, R. D., … Hillman, C. H. (2014). The fitkids randomized controlled trial: effects of physical activity on cognitive and brain health in children. *Psychophysiology*, 51, S18–S18.
34. Lynch, B., Verstynen, T., Weinstein, A. M., **Khan, N. A.**, Raine, L. B., Scudder, M. R., … Erickson, K. I. (2014). Dissociable effects of lean mass versus fat mass on neuromorphology in children. *American Psychosomatic Society*.
35. **Khan, N.**, Raine, L., Drollette, E., Scudder, M., Pontifex, M., & Hillman, C. (2014). Differences in cognitive flexibility between healthy weight and obese children: an ERP study (629.6). *The FASEB Journal*, 28(1 Supplement), 629.6.
36. **Khan, N.**, Raine, L., Drollette, E., Scudder, M., Cohen, N., Kramer, A., & Hillman, C. (2014). Associations between diet quality and cognitive control in childhood (124.1). *The FASEB Journal*, 28(1 Supplement).
37. Drollette, E. S., **Khan, N. A.**, Raine, L. B., Scudder, M. R., Moore, R. D., Komisarz, C. E., … Hillman, C. H. (2014). The sexual dimorphic pattern of central adiposity on ERPs in 8-to 10-year-old children. *Psychophysiology*, 51, S18–S18.
38. Scudder, M. R., **Khan, N. A.**, Lambourne, K., Herrmann, S., Drollette, E. S., Washburn, R., … Hillman, C. H. (2013). Aerobic Fitness And Hdl Cholesterol are Independently Associated with Children’s Cognitive Performance. *Med Sci Sports Exerc*, 45(5), 121.
39. Raine, L. B., **Khan, N. A.**, Drollette, E. S., Scudder, M. R., Cohen, N. J., Kramer, A. F., & Hillman, C. H. (2013). Towards a better understanding of the negative relationship between adiposity and cognitive health in prepubertal children. *The FASEB Journal*, 27(MeetingAbstracts), 852.5.
40. **Khan, N. A.**, Baym, C. L., Raine, L. B., Drollette, E. S., Scudder, M. R., Kramer, A. F., … Hillman, C. H. (2013). Central adiposity predicts hippocampal-dependent relational memory in prepubertal children. *The FASEB Journal*, 27.
41. Pontifex, M. B., Kamijo, K., Scudder, M. R., Raine, L. B., **Khan, N. A.**, Evans, E. M., … Hillman, C. H. (2012). The differential association between adiposity, fitness, and cognitive control in preadolescent children. *Psychophysiology*, 49, S100–S100.
42. **Khan, N. A.**, Raine, L. B., Drollette, E., Scudder, M., Pontifex, M., Castelli, D. M., … Evans, E. M. (2012). Television viewing and intake of added sugars related to increased central adiposity in prepubertal children. *The FASEB Journal*, 26(MeetingAbstracts), 369.5.
43. Kamijo, K., Pontifex, M. B., **Khan, N. A.**, Raine, L. B., Scudder, M. R., Drollette, E. S., … Hillman, C. H. (2012). Childhood obesity and action monitoring. *Psychophysiology*, 49, S89–S89.
44. Nasti, C. J., **Khan, N. A.**, Evans, E. M., & Chapman-Novakofski, K. . (2011). Using a Teaching Partnership to Improve Nutrition and Exercise in College Students. *NACTA Journal*.
45. **Khan, N.**, Richey, A., Drollette, E., Scudder, M., Pontifex, M., Castelli, D., … Evans, E. (2011). Maternal Level of Education Is Negatively Related to Television Watching and Adiposity in Prepubertal Children. *JNEB*, 43(4), S33.
46. **Khan, N. A.**, Richey, A. L., Drollette, E., Scudder, M., Pontifex, M., Castelli, D. M., … Evans, E. M. (2011). Gender and race differences in bone mineral density, fat, and lean mass among black and white prepubertal children. *The FASEB Journal*, 25(MeetingAbstracts), 332.3.
47. Kamijo, K., Pontifex, M. B., Scudder, M. R., Drollette, E. S., **Khan, N. A.**, Castelli, D. M., … Hillman, C. H. (2011). Body mass and inhibitory control in preadolescent children. *Psychophysiology*, 48, S56–S56.
48. **Khan, N.**, Nasti, C., Evans, E., & Chapman-Novakofski, K. (2008). Peer education, exercising and eating right (PEER): determining changes in student self-efficacy and outcome expectations in a teaching partnership*. The FASEB Journal*, 22(1 Supplement), 684.
49. **Khan, N. A.**, Nasti, C., Evans, E. M., & Chapman-Novakofski, K. (2008). Implementing a Peer Delivered Self-Efficacy Based Undergraduate Course in Nutrition and Kinesiology. *J Am Diet Assoc*, 108(9), A95.
50. **Khan, N.**, Nasti, C., Evans, E., & Chapman-Novakofski, K. (2007b). Peer education, exercising and eating right (PEER): training of peer educators in an undergraduate teaching partnership. *The FASEB Journal*, 21(6), LB50-LB50.
51. **Khan, N.**, Nasti, C., Evans, E., & Chapman-Novakofski, K. (2007a). Peer Education, Exercising and Eating Right (PEER): an Undergraduate Faculty Teaching Partnership. *JNEB*, 39(4), S90.
52. Davis, N., **Khan, N. A.**, Toston, T., Zanovec, M., Vidrine, K., Tuuri, G., & Loftin, M. J. (2006). Fracture risk assessment in African-American women using quantitative ultrasound of the os calcis. *Med Sci Sports Exerc*.

**Symposia Chaired & Symposia Presentations**

 Symposia Chaired

1. “Nutrition across the Lifespan: Nutrition, Neurobiology, Mood and Behavior”. Experimental Biology (Chicago, IL). 04/2017.
2. “Translation of Nutritional Science and Food Science and Technology in Nutrition”. Experimental Biology (Chicago, IL). 04/2017.
3. “Nutrition across the Lifespan: Nutrition, Neurobiology, Mood and Behavior”. Experimental Biology (San Diego, CA). 04/2016.
4. “Neurocognition: The Food-Brain Connection”. Experimental Biology (San Diego, CA). 04/2014.

Invited Symposia Presentations

1. **Khan, N.A.** (October, 2014). *The Influence of Adiposity and Diet on Childhood Cognitive Control and Relational Memory. Symposium on Childhood Obesity and Cognition*. American University, Washington, DC.
2. **Khan, N.A.** (April, 2015). *Pediatric Neurocognitive Development: Emerging Insights and Applications in Nutrition*. Symposium at Experimental Biology Conference. Boston, MA.
3. **Khan, N.A.** (April, 2015). *Nutrition, Hydration and Cognition: New Frontier.* Satellite Lecture at American College of Sports Medicine Annual Meeting. San Diego, CA.
4. **Khan, N.A.** (March 2016). *The Influence of Diet and Adiposity on Childhood Neurocognitive Function*. Presidential Invited Symposium: Juvenile Obesity, Brain, and Cognition at the Eastern Psychological Association’s Annual Meeting. New York, NY.
5. **Khan, N.A.** (October, 2016). *The Gut-Brain Highway: Can Traffic be regulated by Diet?* Symposium at the Food and Nutrition Conference and Expo, Academy of Nutrition and Dietetics. Boston, MA.
6. **Khan, N.A.** (January, 2018). *The Influence of Diet and Obesity on Cognitive Function*. Eastern Illinois Academy of Nutrition and Dietetics Webinar.
7. **Khan, N.A.** (January, 2018). *Diet and Physical Activity: Implications for Attention and Memory in Childhood*. Children’s Nutrition Research Center, Baylor College of Medicine. Houston, TX.
8. **Khan, N.A.** (February, 2018). *The Influence of Diet and Obesity on Cognitive Function*. Diabetes and Obesity Research Institute (DORI) Annual Symposium, University of Southern California. Los Angeles, CA.
9. **Khan, N.A.** (April, 2018). *Diet and Obesity Implications for Attention and Memory in Childhood.* Symposium at the International Conference on Learning and Memory at University of California. Irvine, CA.
10. **Khan, N.A.** (July, 2018). *Retinal Carotenoids and Childhood Cognitive Function and Achievement*. Brain and Ocular Nutrition Conference. Downing College, Cambridge University, UK.
11. **Khan, N.A.** (September, 2018). *Health Behaviors, Adiposity, and Childhood Cognitive Function.* First 1000 Days Symposium. University of Illinois at Urbana-Champaign, Champaign, IL.

**Teaching Experience**

Fall 2017 Special Topics in Kinesiology (KIN 494): Health Behaviors and Obesity

 Kinesiology and Community Health

 University of Illinois at Urbana-Champaign

Spring 2017 Special Topics in Kinesiology (KIN 494): Nutritional Neuroscience

 Kinesiology and Community Health

 University of Illinois at Urbana-Champaign

Spring 2017 Special Topics in Kinesiology (KIN 494): Health Behaviors and Obesity

 Kinesiology and Community Health

 University of Illinois at Urbana-Champaign

Fall 2016 Special Topics in Kinesiology (KIN 494): Foods, Health & Wellness

 Kinesiology and Community Health

 University of Illinois at Urbana-Champaign

Spring 2016 Special Topics in Kinesiology (KIN 494): Lifestyle, Obesity, and Cognition

 Kinesiology and Community Health

 University of Illinois at Urbana-Champaign

Fall 2015 Special Topics in Kinesiology (KIN 494): Foods, Health & Wellness

 Kinesiology and Community Health

 University of Illinois at Urbana-Champaign

2010 – 2014 Fundamentals of Nutrition

 Natural Sciences, Parkland College, Champaign, Illinois

 2007 – 2009 Nutrition for 3rd Year Medical Students

 Internal Medicine

 University of Illinois at Urbana-Champaign

Invited Lectures

Fall 2016 Community Nutrition

Food Science and Human Nutrition

University of Illinois at Urbana-Champaign

Fall 2015 Community Nutrition

Food Science and Human Nutrition

University of Illinois at Urbana-Champaign

Fall 2014 Physical Activity and Childhood Cognitive Health Illinois Transdisciplinary Obesity Prevention Program

University of Illinois at Urbana-Champaign

Fall 2013 Childhood Obesity: Causes, Correlates and Consequences Nutritional Sciences

University of Illinois at Urbana-Champaign

2010-2013 Technical Systems Management: Humanity in the Food Web

Agriculture and Biological Engineering

University of Illinois at Urbana-Champaign

Spring 2010 Weight Management Coaching

Kinesiology and Community Health

University of Illinois at Urbana-Champaign

Spring 2010 Undergraduate Open Seminar

Kinesiology and Community Health

University of Illinois at Urbana-Champaign

Spring 2009 Nutritional Aspects of Disease

Food Science and Human Nutrition

University of Illinois at Urbana-Champaign

Fall 2007 Community Nutrition

Food Science and Human Nutrition

University of Illinois at Urbana-Champaign

**Honors & Awards**

2017 Selected to attend the Dannon Institute Nutrition Leadership Institute

2014 Hydration for Health (H4H) Initiative Young Researcher Award Winner

 Danone Nutricia

2013 Postdoctoral Research Award Finalist

 American Society for Nutrition

2011 Margin of Excellence Research Award

Division of Nutritional Sciences, University of Illinois at Urbana-Champaign

2011 William Rose Endowed Award

Division of Nutritional Sciences, University of Illinois at Urbana-Champaign

2008 Best Graduate Student Abstract

Nutrition Education Research Interest Section

American Society for Nutrition

2008-2011 Margin of Excellence Travel Awards

Division of Nutritional Sciences, University of Illinois at Urbana-Champaign

**Clinical Experience**

2008-2009 Dietetic Intern, Division of Nutritional Sciences

University of Illinois at Urbana-Champaign

2006 – 2008 Pre-Professional Graduate Assistant, McKinley Health Center

 University of Illinois at Urbana-Champaign

**Mentorship**

Postdoctoral Scholars

|  |  |  |
| --- | --- | --- |
| **Name** | **Years** | **Current Position** |
| Anne McClure Walk,PhD in Experimental Psychology,Saint Louis University | 2015-2018 | Psychology Instructor, Eastern Illinois University |

***Doctoral Students (Director)***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Student Name** | **Program** | **Years** | **Thesis Title/Topic Area** | **Current Position** |
| Grace Niemiro | Kinesiology | 2016-2018 | *Lifestyle and Exercise Effects on Circulating Progenitor Cells in Children and Adults* | Postdoctoral Research Associate, University of Arizona  |
| Caitlyn Edwards | Nutritional Sciences | 2016-Present | *Dietary Modulation of Retinal Carotenoids for Cognitive Function* | In Training |
| Bridget Hannon | Nutritional Sciences | 2017-Present | *Genetic Underpinnings of Dietary Effects on Adiposity and Metabolic Health* | In Training |
| Corinne Cannavale  | Neuroscience | 2017- Present  | *Effects of Nutrition on Memory and Learning*  | In Training |

***Masters Students (Director)***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Student Name** | **Program** | **Years** | **Thesis Title/Topic Area** | **Current Position** |
| Nicholas Baumgartner  | Kinesiology | 2015-2017 | *The Influence of Physical Activity, Sedentary Time, and Adiposity on Behavioral and Neurolectric Measures of Attentional Inhibition*  | Research Scientist, UC |
| Morgan Curran | Nutritional Sciences | 2015-2018 | *The Negative Influence of Adiposity extends to Intraindividual Variability in Cognitive Control among Preadolescent Children* | Registered Dietitian |
| Alicia Jones | Kinesiology | 2017-2018 | *Retinal Morphometric Markers of Crystallized and Fluid Intelligence among Adults with Overweight and Obesity* | PhD Student, UIUC |

***Doctoral Students (Committee Member)***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Student Name** | **Program** | **Years** | **Thesis Title/Topic Area** | **Current Position** |
| Lauren Raine | Kinesiology | 2014-2016 | *Obesity, visceral adipose tissue, and cognition in childhood* | Postdoc, NEU |
| Shih-Chun (Alvin) Kao | Kinesiology | 2015-2017 | *The effects of single bouts of moderate-intensity continuous exercise and high-intensity interval exercise on the modulations of inhibitory control, working memory, and long-term memory* | Assistant Professor, Purdue University |
| Kelsey Hassevoort | Neuroscience  | 2013-Present | *The impact of lifestyle factors and development on relational**Memory* | Postdoc, Beckman Institute, UIUC |
| Sharon Thompson | Nutritional Sciences | 2015-Present | *Dietary modulation of the human gastrointestinal microbiota* | In Training |
| Gabriella McLoughlin | Kinesiology | 2016-Present | *The role of physical education within a comprehensive school health program* | Postdoc, Iowa State University |
| Liliana Aguayo | Community Health | 2017-Present | *TBD* | Postdoc, Northwestern University |
| April Winslow | Food Science and Human Nutrition | 2017-Present | *TBD* | In Training |
| Annemarie Krug | Food Science and Human Nutrition | 2017-Present | *TBD* | In Training |

***Masters Students (Committee Member)***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Student Name** | **Program** | **Years** | **Thesis Title/Topic Area** | **Current Position** |
| Sasha McCorkle | Nutritional Sciences | 2014-2016 | *Macular pigment optical density and academic achievement among preadolescent children* | PhD Student, WSU |
| Julia Balto  | Kinesiology | 2014-2016 | *The case for multiple health behavior change interventions in**Multiple sclerosis* | Health and Happiness Coach, CA |
| Joanna Manero | Nutritional Sciences | 2015-2017 | *Influence of seasoning and preparation of vegetables on consumer choice, consumption, and liking* | Nutritionist, WIC |
| Andrew Taylor | Food Science and Human Nutrition | 2016-Present | *The gut-microbiota-brain axis: influence of diet and the gastrointestinal microbiota on stress and anxiety in adults* | In Training |
| Melisa Bailey | Nutritional Sciences | 2016-Present | *Dietary fats, the gastrointestinal microbiome, and inflammation* | In Training  |
| Susannah Scaroni | Nutritional Sciences | 2017-Present | *TBD* | In Training |

***Undergraduate Students***

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Terms** | **Presentation/Poster** | **Thesis or Project Type and Title** |
| Jackson Evensen | 2015-2017 | Experimental Biology, 2017 | *Relationship between Whole Grain Consumption and Selective Attention* |
| Jessica Park | 2015-2017 | Undergraduate Research Symposium, 2017 | *Hitting Snooze, The Relationship between Diet and Sleep Quality* |
| Alaina Balbinot | 2016-Present | Undergraduate Research Symposium, 2017 | *- Bone Mineral Density and Habitual Physical activity in Overweight and Obese Adults* |
| Food and Nutrition Conference and Expo, 2017 | *Differences In Timing of Developmental Milestones Across Vaginally vs. Cesarean-section Delivered Infants: A Retrospective Study* |
| Payton Walters |  | Undergraduate Research Symposium, 2017 | *Food Insecurity Obesity Paradox and Energy Density* |
| Patricia Ebersold |  | Undergraduate Research Symposium, 2018 | *ADHD and Working Memory* |
| Marc Sleiman | 2017-Present | Undergraduate Research Symposium, 2018 | *Relationship between Serum and Retinal Lutein and Diet amongst individuals with overweight and obesity* |
| Madi Podjasek | 2017-Present | Undergraduate Research Symposium, 2018 | *Dietary Lutein Consumption Across the Lifespan* |
| Justin Lee | 2017-Present | Undergraduate Research Symposium, 2018 | *From Zzz to P3: The Effect of Sleep Duration on Attention* |
| Chanyoung Choi | 2017-Present | Undergraduate Research Symposium, 2018 | *The Impact of Meal Timing on the Food Insecurity Obesity* |
| Nitesh Kumar | 2017-Present | Undergraduate Research Symposium, 2018 | *Relationship between Multiple Sclerosis and Retinal Health* |

**Society Memberships**

2017-Present Academy of Nutrition and Dietetics

2017-Present American College of Sports Medicine

2014-Present The Obesity Society

2011-Present American Society for Nutrition

2009-2012 Society for Nutrition Education and Behavior

**Service**

National Committees

2016-Present Nutrition and Health Committee for Planning and Guidance, United States Department of Agriculture, National Institute of Food and Agriculture

Advisory Boards

2015-Present Nutrition Translation Research Interest Section, American Society for Nutrition

Ad hoc Journal Reviewer

* *Journal of Nutrition Education and Behavior (Statistical Reviewer)*
* *Nutritional Neuroscience*
* *Appetite*
* *British Journal of Nutrition*
* *American Journal of Clinical Nutrition*
* *Psychophysiology*
* *Obesity*
* *Contemporary Clinical Trials*
* *Obesity Reviews*
* *Preventative Medicine*
* *Frontiers Psychology*
* *JAMA Pediatrics*

University of Illinois at Urbana-Champaign

Campus Service

* Campus Research Board *Ad Hoc* Grant reviewer
* Family Resiliency Center *Ad Hoc* Grant reviewer

Department of Kinesiology and Community Health Service

* Graduate Student Conference Travel Grant Review Committee, 2016-2017
* Assistant or Associate Professor in Children’s Physical Activity Search Committee, 2016-2017
* Assistant or Associate Professor in Children’s Physical Activity Search Committee, 2017-2018
* *Ad Hoc* Kinesiology Minor Development Committee, Chair, 2017-2018

 Division of Nutritional Sciences Service

* Annual Student Review Committee, 2015-Present
* Executive Committee Member, 2017-Present