

CONTRIBUTORS

Jeanne M. Barcelona, M.A.E., is currently doctoral student at The University of Texas at Austin seeking a degree in Health Behavior and Health Education.

Darla M. Castelli, Ph.D., is an Associate Professor in the Department of Kinesiology and Health Education at The University of Texas at Austin. She has been working with school-age youth in physical activity settings for more than 20 years, leading several physical activity interventions (e.g., FITKids, Active + Healthy = Forever Fit, Fitness4Everyone). Dr. Castelli's scholarship examines the effects of physical activity on cognitive health and performance in children.

Erin E. Centeio, Ph.D., is currently an Assistant Professor in the College of Education at Wayne State University. As a member of the Kinesiology & Pedagogy program and as a researcher in the Center for Health, Dr. Centeio studies the psychosocial, physical and cognitive benefits of effective physical activity programming offered in schools.

Laura Chaddock-Heyman, Ph.D., is a research associate at the Beckman Institute at the University of Illinois at Urbana-Champaign. Her research is focused on the role of lifestyle factors on brain and cognitive health across the lifespan. In particular, she has used structural and functional magnetic resonance imaging (MRI) techniques to explore the influence of physical activity and aerobic fitness on the brain and cognition during childhood.

Carol L. Cheatham, Ph.D., Associate Professor of Psychology at the University of North Carolina at Chapel Hill, is a developmental cognitive neuroscientist. She specializes in the effects of nutrition on cognition. Her work covers the lifespan from conception to senescence. In her research, she incorporates electrophysiological and behavioral assessments as well as rodent models to study of the relation of specific nutrients to brain development and function.

Neal J. Cohen, Ph.D., is currently Professor in the Department of Psychology, the Neuroscience Program, and the Beckman Institute, and he serves as Director of the Neuroscience Program, the Center for Nutrition, Learning, and Memory (CNLM), and the Center for Lifelong Improvement of Minds & Brains (CLIMB). He is internationally recognized for his research on the cognitive neuroscience of memory, including work that has been instrumental in the discovery and characterization of multiple memory systems of the brain.

Hannah G. Calvert, M.Ed., is currently doctoral student at The University of Texas at Austin seeking a degree in Health Behavior and Health Education.

Katelin da Cruz, M.S., is a doctoral student in the Department of Counseling, Educational Psychology and Special Education in the College of Education at Michigan State University. Her research interests are in the areas of neuropsychological barriers to learning and the relation between physical activity, cognition, and learning.

Sharon M. Donovan, Ph.D., is Professor and Melissa M. Noel Endowed Chair in Food Science and Human Nutrition at the University of Illinois. Her research focuses on how dietary intake influences neonatal intestinal development in human infants and the preclinical neonatal piglet model. Current work in her laboratory is also studying prevention of childhood obesity and picky eating behaviors in children.

Ellen M. Evans, Ph.D., is an associate professor in the Department of Kinesiology and the Director of the Fitness Center at the University of Georgia. She also holds adjunct appointments in the Department of Foods and Nutrition and the Institute of Gerontology. Her research focuses on physical activity and nutritional effects on body composition and health throughout the lifespan.

Jodene G. Fine, Ph.D., is an Assistant Professor in the Department of Counseling, Educational Psychology and Special Education in the College of Education at Michigan State University. She is a Licensed Clinical Psychologist working with the MSU Department of Psychiatry to provide pediatric psychological evaluation. Her research is on the neural and neuropsychological development of children with learning challenges.

Kenneth A. Frank, Ph.D., is Professor in the Department of Counseling, Educational Psychology and Special Education in the College of Education at Michigan State University. His substantive interests include the study of schools as organizations, how teachers influence one another to affect

classroom practices and school decision-making, social networks, and the social context of learning. His substantive areas are linked to several methodological interests: social network analysis, hierarchical linear modeling, cluster analysis, multidimensional scaling, log-linear and logit models, simultaneous equation models and time series models.

Elizabeth M. Glowacki, M.A., is a doctoral student in Communication Studies and her research is focused on the effects of health communications, specifically examining the effects of health messages on body weight, substance use, and relationships.

Bonnie Hemrick, M.P.H., is a Visiting Research Specialist in the Department of Kinesiology and Community Health at the University of Illinois. She also serves as a community wellness educator. Her interests lie in the promotion of healthy behaviors throughout the lifespan.

Charles H. Hillman, Ph.D., is a Professor in the Department of Kinesiology and Community Health at the University of Illinois. He holds additional appointment in the Department of Psychology, the Department of Internal Medicine, the Division of Nutritional Science, the Division of Neuroscience, and is an affiliate of the Beckman Institute for Advanced Science & Technology. His research interests lie in the relation of physical activity to preadolescent cognition and brain health.

Jungyun Hwang, M.S., is a doctoral candidate at The University of Texas at Austin in the Department of Curriculum & Instruction. He studies the relationship of metabolic biomarkers and cognitive performance from an applied programmatic perspective, as a student in the Physical Education Teacher Education program.

Keita Kamijo, Ph.D., is an Assistant Professor in the Faculty of Sport Sciences at Waseda University, Japan. A major focus of his research aims at understanding the association of physical activity, fitness, and adiposity to cognitive and brain health during childhood using behavioral and neuro-electric measures of cognition.

Naiman A. Khan, Ph.D., is a Postdoctoral Research Associate in the Department of Kinesiology and Community Health at the University of Illinois. Dr. Khan's research interests focus on studying the effects of obesity and nutritional supplementation on behavioral measures of brain and cognitive health.

Arthur F. Kramer, Ph.D., is the Director of the Beckman Institute for Advanced Science & Technology and the Swanlund Chair in Neuroscience

and Psychology at the University of Illinois. His research is focused on understanding changes in cognition and brain structure and function across the lifespan as well as the development of interventions to enhance cognitive and brain health.

Edward McAuley, Ph.D., is a Shahid and Ann Carlson Khan Endowed Professor in Applied Health Sciences at the University of Illinois at Urbana-Champaign. His research agenda has focused primarily on physical activity, aging, and psychological function, the role played by fitness change in neurocognitive function and brain structure in older adults, and the role of physical activity in the intersection of aging and chronic disease.

Hildi M. Nicksic, M.Ed., is currently doctoral student at The University of Texas at Austin seeking a degree in Health Behavior and Health Education.

Andrew C. Parks, M.S., is a doctoral student in the Department of Kinesiology in the College of Education at Michigan State University. His research interests entail examining the physiological and cognitive adaptations associated with physical activity as they relate to atypically developing preadolescent populations.

Matthew B. Pontifex, Ph.D., is an Assistant Professor in the Department of Kinesiology in the College of Education at Michigan State University. He conducts research in the area of cognitive kinesiology with a focus toward investigating how aspects of health-oriented behaviors modulate the development of cognition in neurotypical populations as well as within children suffering from cognitive and attentional disorders.

Lauren B. Raine is a doctoral student in Kinesiology and Community Health at the University of Illinois. Her research interests are neurocognitive kinesiology; specifically the relationships between physical activity, fitness, and body mass on brain health and cognition in children.

Mark R. Scudder is a doctoral student at the University of Illinois striving to understand how physical activity and other health factors influence cognition in children, with particular emphasis on language processing and event-related brain potential (ERP) measurement. Given that reading and writing ability are a major focus of the educational process and promote academic success, it is important to establish whether cognitive benefits related to health behaviors translates to these applied aspects of cognition.

Alan L. Smith, Ph.D., is Professor and Chairperson in the Department of Kinesiology in the College of Education at Michigan State University. His work

addresses social and motivational processes related to youth physical activity behavior as well as physical activity as a strategy for addressing ADHD in young children.

Thomas R. Wójcicki, Ph.D., is an assistant professor in the Exercise Science Department at Bellarmine University in Louisville, KY. His primary area of research lies within the field of biobehavioral kinesiology, with a focus on the reciprocal effects of physical activity on psychosocial, cognitive, and physiological factors. Specifically, his research employs a social cognitive framework to better understand physical activity behavior and subsequent health-related outcomes across the lifespan. Areas of interest include the design, implementation, and evaluation of emerging technologies for behavior change, as well as the examination of psychosocial health and quality of life as it relates to physical activity.