### **Dr. Natalie Caine-Bish**

Associate Professor HS ncaine@kent.edu

2002 2002 1998
1998
8/2011 - present
<b>p</b>
8/2010 - present
9/2002 - present
8/2002 - present

Ha, E., <b>Caine-Bish</b> , N. (2011). Interactive introductory nutrition course focusing on disease prevention increased whole-grain consumption by college students., Journal of Nutrition Education and Behavior, 43(4), 263-7.	2011
Publication: Journal Articles, Refereed	
Ha, EJ. & <b>Caine-Bish, N.</b> , Holloman, C. & Lowry Gordon, K. (in press). Evaluation of effectiveness of class-based nutrition intervention on changes in soft drink and milk consumption among young adults <i>Nutrition J</i>	2010
Publication: Journal Articles, Refereed	
Ha, EJ. & <b>Caine-Bish, N.</b> (in press) Interactive Introductory Nutrition Course Focusing on Disease Prevention Increased Whole Grain Consumption in College Students. <i>JNEB</i>	2010
Publication: Journal Articles, Refereed	
Chuang, N., Walker, K., <b>Caine-Bish, N.</b> (2010). Student Perceptions of Career Choices: The Impact of Academic Major. Journal of Family Consumer Science Education. 27(2). Publication: <i>Journal Articles, Refereed</i>	2010
Publication: Journal Anticles, Refereed	
Caine-Bish, N., Koren-Hakim, T., Gordon, K.L. (2011). Differences in parent versus child perceptions of child's dietary intake in normal weight and overweight children. <i>Medical Connections</i> , 5(18), 24-28.	2010
Publication: Journal Articles, Refereed	
<b>Caine-Bish</b> , <b>N</b> ., Scheule, B. (In Press). Gender differences in food preferences in school aged children and adolescents. <i>Journal of School Health</i> .  Publication: <i>Journal Articles, Refereed</i>	2009
Walker, K., <b>Caine-Bish, N.</b> (In Review). "I Like to Jump on My Trampoline": Drawings from School-Age Children Beginning a Weight Management Program. <i>Qualitative Health Research</i> . 19(7), 907-17.	2009
Publication: Journal Articles, Refereed	
Ha, EJ. & <b>Caine-Bish</b> , N. (2009). Effect of nutrition intervention using a general nutrition course for promoting fruit and vegetable consumption among college students. J Nutr Ed Behav, 41(2), 103-09.	2009
Publication: Journal Articles, Refereed	
Ha, E., <b>Caine-Bish</b> , N., Holloman, C., Lowry, K.L. (2009). Evaluation of effectiveness of class-based nutrition intevention on changes in soft drink and milk consumption among young adults. Nutrition Journal, 8, 50-56.	2009
Publication: Journal Articles, Refereed	
Gore, T., <b>Caine-Bish, N.</b> Olds, R. S., DeJulius, A., Mitchell, S., Juvancic-Heltzel, J., Pierce, K., Egbert, N. (2008). Key Components in Planning, Implementing and Monitoring a Successful Behavior Change Communication CampaigrCases in Public Health Communication and Marketing, 2:87-104.	2008
Publication: Journal Articles, Refereed	
Blegen, M., Cheatham, C.C., <b>Caine-Bish, N</b> ., Glickman, E.L. (2008). The immunological and	2008

Blegen, M., Cheatham, C.C., **Caine-Bish, N**., Glickman, E.L. (2008). The immunological and metabolic responses to exercise of varying intensities in normoxic and hypoxic environments. *Journal of Strength and Conditioning Journal of Strength and Conditioning* 22(5):1638-1644.

Caine-Bish, N., & Scheule, B. (2007). Food preferences of school age children and adolescents in anOhio community. <i>J Child Nutr &amp; Management</i> , 2 http://docs.schoolnutrition.org/newsroom/jcnm/07fall/caine-bish/index.asp.  Publication: Journal Articles, Refereed	2007
Cheatham, C, <b>Caine-Bish</b> , N, Blegen, M, Potkanowicz, ES, KAmimori, GH, Marcinkiewicz, JL, Otterstetter, RO, Kalinkski, M, Glickman, E. (2006). The Effects of nicotine on the metabolic and hormonal responses during acute cold exposure. Wilderness and Environmental Medicine. 17. Publication: <i>Journal Articles, Refereed</i>	2006
<b>Caine-Bish, N.</b> Calcium and KIDS: A pilot program developed to increase calcium intakes in third through sixth-grade children. Journal of Nutrition Education and Behavior. 38: 199-200. Publication: <i>Journal Articles, Refereed</i>	2006
Caine-Bish, N, Potkanowicz, ES, Otterstetter, R, Marcinkiewicz, J, Kamimori, G, Glickman, E. (2005). The effect of cold exposure on the hormonal and metabolic responses to sleep deprivation. 16(4) 177-184.  Publication: <i>Journal Articles, Refereed</i>	2005
Caine-Bish, N., Potkanowicz, E., Otterstetter, R., Glickman, E. (2004). Thermal and metabolic responses of sleep deprivation of humans during acute cold exposure. Aviat, Space Environ Med. 75:964-8.  Publication: <i>Journal Articles, Refereed</i>	2004
Cheatham, C., Caine-Bish, N., Potkanowicz, E. Glickman, E. (2004). Nicotine effects on thermoregulatory responses of men and women during actue cold exposure. Aviation Space, and Environmental Medicine. 75: 589-595.  Publication: <i>Journal Articles, Refereed</i>	2004
Potkanowicz, E.S., Caine-Bish, N., Otterstetter, R., and Glickman, E. (2003). Age Effects on Thermal, Metabolic, and Perceptual Responses to Acute Cold Exposure. Aviation, Space, and Environmental Medicine. 74: 1157-1162.  Publication: <i>Journal Articles, Refereed</i>	2003
Glickman, E.L. and Caine-Bish, N. (2003). Changes in Body Temperature and Basal Metabolic Rate of the AmaA Commentary. Wilderness and Environmental Medicine. 14: 191-192. Publication: <i>Journal Articles, Refereed</i>	2003
Glickman, Caine-Bish, N., Cheatham, C.C., Blegen, M., Potkanowicz, E. (2002). The influence on age on thermosensitivity during cold water immersion. Wilderness and Environmental Medicine. 13(3): 194-202.  Publication: <i>Journal Articles, Refereed</i>	2002
E.L. Glickman, Caine-Bish, N., Potkanowicz, E.S., Cheatham, C., Blegen, M., Hearon, C.M. (2002). The effect of age and ethnicity on metabolism and carbohydrate utilization during acute cold exposure. Environmental Ergonomics X. 247-250.  Publication: <i>Journal Articles, Refereed</i>	2002

2002

2009

Publication: Journal Articles, Refereed

Presentations	
Mantos, A., Ha, E., Caine-Bish, N., Burzminski, N., (Sept, 2011). Effects of the Gluten Free/Casein Free Diet on the Nutritional Status of Children with Autism. American Dietetic Association National Meeting, San Diego.	2011
Type: National Refereed	
Caine-Bish, N, Rabuzzi, J, Burzminski, N, Lavanty, N. (2010). Prevalence and Characteristics Pica in Renal Patients on Hemodialysis. SNE	of 2010
Type: National Refereed	
Caine-Bish, N, Knight, S, Gordon, K, Scheule, B. (2010). Does Presence of the Child in the Same Room Affect Food Self-Selection and Portion of Parents? SNE  Type: National Refereed	2010
Wallick, A, <b>Caine-Bish, N.</b> Differences in Body Dissatisfaction with respect to gender and BMI classification. (2010). SNE	2010
Type: National Refereed	
Ha, EJ, <b>Caine-Bish</b> , N & Lowry-Gordon, K (2010). Difference of Nutrient Intake and Food Choices between Alcohol Drinkers and Non-drinkers among College Students. SNE Type: <i>National Refereed</i>	ces between Alcohol <b>20</b> inkers and
Ha, EJ, <b>Caine-Bish</b> , N & Lowry-Gordon, K (2010). Changes in Macronutrient Intake among Fer Female College Students after Class-Based Nutrition Intervention-a Pilot Study. SNE	male College Studen <b>t20afte</b> r Class-
Type: National Refereed	
Ha, EJ, <b>Caine-Bish</b> , N & Lowry-Gordon, K (2010). Distribution of Energy and Macronutrient Intales among Meals and Snacks in College Students. SNE  Type: <i>National Refereed</i>	akes among Meals a <b>20 18</b> 0nacks in (
Katelyn P. Caslow, Karen Lowry Gordon, Natalie Caine-Bish, Eun J. Ha Effect of Nutrition Programming During School Lunch on Fruit and Vegetable Selection and Consumption in Elementary School ChildrenJournal of Nutrition Education and Behavior July 2009 (Vol. 41, Issue 4, Pages S23-S24)	2009
Type: National Refereed	
Eun Jeong Ha, Natalie Caine-Bish. Increasing Consumption of Whole-Grain Products in Colleg Students: Evaluation of the Class-Based Intervention <i>Journal of Nutrition Education and Behavior</i> . July 2008. (Vol. 40, Issue 4, Page S81)	e 2009

Eun-Jeong Ha, Natalie Caine-Bish, Karen Lowry-Gordon. Differences in Lifestyle and Dietary Patterns among Overweight/Obese and Normal BMI College Students. *Journal of Nutrition Education and Behavior*. July 2009 (Vol. 41, Issue 4, Page S6).

Type: National Refereed

Steve T.A. Bui, Natalie Caine-Bish, Eun J. Ha, Karen Lowry-Gordon Protein and Creatine Supplementation Habits among University Students. *Journal of Nutrition Education and Behavior*. July 2009 (Vol. 41, Issue 4, Page S38).

2009

Type: National Refereed

Eun J. Ha, Natalie Caine-Bish, Karen Lowry-Gordon. Difference Between the Frequency of Fast Food Consumption and Nutrient Intake and Food Choices of Female College Students. *Journal of Nutrition Education and Behavior*. July 2009 (Vol. 41, Issue 4, Page S39).

2009

Type: National Refereed

**Caine-Bish, N.** Hakim, T.K., Gordon, K.L. (2008). Differences in Parent versus Child Perceptions of Child's Dietary Intake In Normal Weight And Overweight Children. American Dietetic Association National Meeting Chicago, IL.

2008

Type: National Refereed

Caine-Bish, N. (2008). K.I.D.S. Camp: A Nutrition Education Program Providing an Educational Experience for Both Overweight Children and Dietetic Majors.

Poster presented at the annual meeting of the Society for Nutrition Education,

Atlanta, GA.

Type: National Refereed

Carr, S. **Caine-Bish**, N., Ha, E., Gordon, K.L. (2008). Differences in Beverage Consumption Frequency Between Middle School and High School Students. Poster presented at the annual meeting of the Society for Nutrition Education Atlanta, GA.

2008

Type: National Refereed

Ha, E.J., **Caine-Bish, N.** Increasing consumption of whole-grain products in college students: evaluation of the class-based intervention. Poster presented at the annual meeting of the Society for Nutrition EducationAtlanta, GA.

2008

Type: National Refereed

Ha, E.J., **Caine-Bish, N.** Influence of the class-based nutrition intervention on changes in micronutrients intakes in college students. Poster presented at the annual meeting of the Society for Nutrition Education. Atlanta, GA.

2008

Type: National Refereed

Egbert, N., Gore, T. D., **Caine-Bish, N.**, Olds, R. S., DeJulius, A., Mitchell, S., et. al. (2007, May). The 4:3:2:1 Healthy Kids Project Part I: A Pilot Intervention to Reduce Childhood Obesity in Elementary Students Paper presented at the annual meeting of the International Communication Association, San Fransisco, CA.

2007

Type: International Refereed

• Caine-Bish, N. DeJulius, A, Olds, RS, Mitchell, S. (2006). Healthy Kids: A community partnership to assess the prevalence of childhood overweight. Centers for Disease Control Diabetes and Obesity Conference. Lecture Presentation. May 17.

2006

Type: National Refereed

Caine-Bish, N, Luidhardt, J. (2006). KIDS Camp: Measuring effectiveness of a family oriented weight management program for overweight children and adolescents. Ohio Dietetic Association Meeting Poster Presentation. May 12.

Type: State Refereed

Caine-Bish, N. (2005). Effectiveness of group interactive nutrition education in modigying nutrition behaviors in healthy active older adults. JADA. 105(8)Supp:160.

2005

Type: National Refereed

### Service

Co-chair, URCC 2010 - present

Type: University

Member, URCC 2009 - present

EHHS faculty representative for URCC

Type: University

2009 - present Chair, School Health Scienc Curriculum Committee

Type: Department

Member, FAC representative for School of Health Sciences 2009 - present

Type: Department

Reviewer, Society for Nutrition Education National Conference 2008 - present

Type: National

#### Representative, Nutrition Outreach Program

2006 - present

As faculty I help to organize activities, coordinate programming, and create service-learning opportunities for nutrition and dietetic students

Type: University

### Consulting, Portage County Schools Healthy KIDS

2004 - present

Partner with the Portage County Schools to increase the wellness and nutrition education of children in Portage County through programming both during and after-school. I also serve on numerous wellness committees throughout the county.

Type: Regional

Member, Curriculum 2004 - present

School of Health Science representative for curriculum

Type: College

#### Member, Representative for Family and Consumer Studies FAC

2004 - 2008

Type: Department

2006

### Coordinator, KIDS Camp & FLIGHT

2002 - present

I run the weight management programs that the Nutrition Outreach Program offers for the community of Portage County and surrounding counties

Type: Regional

**Grants** 

PI, Nutrition Education and Assessment for Portage County Children and Adolescents

2011 - 2012

Collaboration with: Natalie Caine-Bish

Submitted: \$18,000.00 Status: Awarded

Awarded: \$20,000.00 (8 2011)

Portage County Health Department/Ohio Department of Health - Service

**Consultant, Nutrition Education for Portage County** 

2009 - 2010

Provide pediatric nutrition education for Portage County Children.

Collaboration with: Caine-Bish, N. & Luidhardt, J.

Submitted: \$18,000.00 Status: Awarded

Awarded: \$16,500.00 (8 2009)

Portage County Health Department/Ohio Department of Health - Service

Co PI, Identifying and Measuring Successful County Level Obesity Prevention Interventions

2008 - 2009

Collaboration with: Portage County Health Department and KSU Nutrition Outreach Program (Natalie Caine-Bish &

Jodie Luidhardt)

Submitted: \$85,000.00 Status: Awarded

Awarded: \$85,000.00 (10 2008)
Ohio Department of Health - Service

PI, Healthy Kids and School Nutrition Education Measurement and Initiatives

2008 - 2009

2006 - 2006

Collaboration with: myself

Submitted: \$2,500.00 Status: Awarded

Awarded: \$2,500.00 (8 2008)

Child Health Services of Portage County - Service

Co PI, 4321 Healthy Kids 2007 - 2008

Collaboration with: Natalie Caine-Bish, Scott Olds, Steve Mitchell & Nicole Egbert

Submitted: \$2,500.00 Status: Awarded

Awarded: \$2,500.00 (8 2007)

Child Health Service of Portage County - Applied Research

PI, Healthy Kids: Effectiveness of an after-school nutrition and exercise program

Collaboration with: myself

Submitted: \$2,500.00 Status: Awarded

Awarded: \$2,500.00 (8 2006)

RAGS Kent State University - Applied Research

Co PI, Healthy KIDS 2006 - 2007

Collaboration with: Scott Olds, Natalie Caine-Bish, Steve Mitchell & Nicole Egbert

Submitted: \$3,000.00 Status: Awarded

Awarded: \$3,000.00 (2 2007)

College of Education Health and Human Services - Applied Research

Co PI, Healthy Kids 2006 - 2007

Collaboration with: Scott Olds, Natlaie Caine-Bish, Steve Mitchell, Angela DeJulius

Submitted: \$5,700.00 Status: Awarded

Awarded: \$5,700.00 (7 2006)

Child Health Services of Portage County - Applied Research

### Co PI, Pediatric Obesity Prevention in Schools

2006 - 2008

Submitted: \$244,000.00 Status: Not Funded

Robert Woods Johnson - Applied Research

# PI, The effect of nutrition education focusing on dairy nutrition and exercise in an afterschool program on nutrition education and physical fitness

2004 - 2005

Collaboration with: myself

Submitted: \$5,000.00 Status: Awarded

Awarded: \$5,000.00 (6 2004)

National Dairy Council-MidEast - Applied Research

### Consultant, Wearable Technology for Childhood Obesity

0 - present

Determine the effectiveness of using calorimetry in the aid of weight management in overweight children.

Collaboration with: Aaron Rood

Submitted: \$250,000.00 Status: Not Funded

NIH - Applied Research

### Co-Investigator, Indentifying and measuring successful county level obesity prevention interventions

0 - present

To determine the risk regulators related to childhood obesity and how they related to the dietary intake of families.

Collaboration with: Olds, R.S., Egbert, N., Caine-Bish, N.

Submitted: \$249.00 Status: Not Funded

NIH - Applied Research

### PI, Technology-Based Interventions to Combat Obesity in Urban Youths

0 - present

The applicability of technology in measuring physical activity and nutrition in adolescents

Collaboration with: Natalie Caine-Bish

Submitted: \$248,000.00 Status: Not Funded

NIH - Applied Research

#### Consultant, Use of Wearable Technology in children

0 - present

Collaboration with: Working on the technological issues in placing wearable technology on children.

Basic Research

## Co-Investigator, Mothers views of Risk Regulators Affecting Food Purchases and Preschoolers Diet

0 - present

Collaboration with: Scott Olds, Nicole Egbert, Natalie Caine-Bish

Submitted: \$230,000.00 Status: Not Funded

NIH - Applied Research

Co-Investigator, School Nutrition and Physical Activity Policies, Obesogenic Behaviors 0 - present and Weight Outcomes

Collaboration with: Scott Olds, Steve Mitchell, Natalie Caine-Bish

Submitted: \$499,999.00 Status: Pending

NIH R01 - Applied Research