

BIOGRAPHICAL SKETCH

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NAME Hong , Mee Young	POSITION TITLE Associate professor of Exercise and Nutritional Sciences, San Diego State University		
eRA COMMONS USER NAME HONGMY2			
EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Ewha Womans University	BA	1991	Food and Nutrition
Ewha Womans University	MS	1993	Nutrition and CVD
Texas A&M University	PhD	1999	Nutrition and Cancer
Texas A&M University	Post doc	2001	Nutrition and Cancer
Texas A&M University	Research Scientist	2005	Nutrition and Colon Cancer
University of California, Los Angeles	Research Fellow	2007	Phytochemicals and Chronic Diseases

A. Personal Statement

I have worked on Nutrition, and Chronic diseases including cardiovascular disease and colon cancer for 19 years. After post-doctoral training in the field of Phytochemicals and Chronic metabolic conditions at UCLA, I came down to San Diego for a faculty position. I have been at San Diego State University (SDSU) for seven years and I am an Associate Professor at the School of Exercise and Nutritional Sciences. My research is focused on the mechanism how functional foods protect against chronic conditions and reduce the risk of cardiovascular disease and coronary heart disease. I am a Co-PI of SDSU Research Foundation WIC (Woman, Infants and Children) program. In addition, I am working with several populations (teenagers, young adults, adults and seniors at meal program. I have co-authored 36 papers in the peer-reviewed literature, numerous abstract proceedings, and presentations, and many grants.

B. Positions and Honors

Positions and Employment

2010-present Associate Professor, San Diego State University
 2007-2010 Assistant Professor, San Diego State University
 2005-2007 Research Fellow, UCLA
 2003-2005 Assistant Research Scientist, Texas A&M University
 2001-2003 Research Associate, Texas A&M University
 2000-2001 Post-Doc Research Associate, Texas A&M University
 1994-1999 Graduate Research Assistant, Department of Animal Science, Texas A&M University
 1993 Executive, The Academy of Korean Food and Culture, Seoul, South Korea

Honors

2014 Recognition as a most influential faculty for outstanding college graduate
 2005 Energy Metabolism and Macronutrient Poster Competition, Experimental Biology Conference
 2005 Diet and Cancer Poster Competition, Experimental Biology Conference
 2004 SEBM Young Investigator Award, Society for Experimental Biology and Medicine
 2000 Graduate Student Research Award in Oral Competition, American Institute of Nutrition
 2000 Graduate Student Research Award, American Institute of Nutrition
 2000 Graduate Student Travel Fellowship, Faculty of Nutrition, Texas A&M University
 1999 CERH Award in Poster Competition, Texas A&M University
 1999 Graduate Student Travel Fellowship, Faculty of Nutrition, Texas A&M University
 1999 Graduate Student Research Award in Oral Competition, Texas A&M University

1998 Graduate Student Research Award in Oral Competition, American Institute of Nutrition
1998 Graduate Student Research Award, American Institute of Nutrition
1998 Graduate Student Travel Fellowship, Faculty of Nutrition, Texas A&M University
1995 Graduate Student Travel Fellowship, Faculty of Nutrition, Texas A&M University

Professional memberships

2013-present American Heart Association
2005-present American Association for Cancer Research
1999-present American Society for Nutritional Sciences

Invited talks

Mee Young Hong (2013) Exercise and wellness for older adults, Korean American Senior Association of San Diego (KASASD), San Diego, CA

Mee Young Hong (2012) Reduce Salt and Sodium in Your Diet, Korean American Senior Association of San Diego (KASASD), San Diego, CA

Mee Young Hong (2011) Fish oil supplements, Korean American Senior Association of San Diego (KASASD), San Diego, CA

Mee Young Hong (2010) Diet- Problem or Solution, KWise (Korean-American Women in Science and Engineering), Scripps, La Jolla, CA

Mee Young Hong (2010) Fish oil, DNA damage and Colon Cancer, Sungkyunkwan University, Suwon, South Korea

Mee Young Hong (2008) Diet and Cancer, Ewha Womans University, Seoul, South Korea

Mee Young Hong, Nancy Turner and Joanne R. Lupton (2008) Effects of dietary fish oil on early stage of colon carcinogenesis. UKC conference, San Diego, CA

C. Peer-reviewed publications

1. Mee Young Hong, Jan Lumibao, Prashila Mistry, Rhonda Saleh, and Eunha Hoh (2015) Fish oil contaminated with persistent organic pollutants reduces antioxidant capacity and induces oxidative stress without affecting its capacity to lower lipid concentrations and systemic inflammation in rats. *Journal of Nutrition* (Accepted).
2. Mee Young Hong, Nicole Hartig, Katy Kaufman, Shirin Hooshmand, Arturo Figueroa, and Mark Kern (2015) Watermelon consumption improves inflammation and antioxidant capacity in rats fed an atherogenic diet. *Nutrition Research* 35:251-258.
3. Elizabeth R. Abouaf-Tabet, Fred W. Kolkhorst, and Mee Young Hong (2014) Effects of Resveratrol on Inflammatory Bowel Disease: A Review. *Journal of Nutritional Health & Food Science* 2:1-6
4. Shirin Hooshmand, Brittany Holloway, Tricia Nemoseck, Sarah Cole, Yumi Petrisko, Mee Young Hong, Mark Kern. (2014) Effects of agave nectar versus sucrose on weight gain, adiposity, blood glucose, insulin and lipid responses in mice. *Journal of Medicinal Food* 17:1017-1021.
5. Mee Young Hong, Emily Nulton, Mahshid Shelechi, Lisa M. Hernández and Tricia Nemoseck (2013) Effects of dark chocolate on azoxymethane-induced colonic aberrant crypt foci. *Nutrition and Cancer* 65:677-685.
6. Patcharie Elkins, Jong Won Min, Maureen Piwowarski and Mee Young Hong (2013) Evaluation of nutritional risk among San Diego senior meal plan participants. *International Journal of Nutrition and Dietetics* 1:21-40.
7. Naomi Shadwell, Fatima Villalobos, Mark Kern and Mee Young Hong (2013) Blooming reduces the antioxidant capacity of dark chocolate in rats without reducing its capacity to improve lipid profiles. *Nutrition Research* 33:414-421.
8. Julie Bornhoeft, Debra Castaneda, Tricia Nemoseck, Piwen Wang, Susanne M. Henning, and Mee Young Hong (2012) The protective effects of green tea polyphenols: lipid profile, inflammation, and antioxidant capacity in rats fed an atherogenic diet and dextran sodium sulfate. *Journal of Medicinal Food* 15:726-732.

9. Mee Young Hong, Susanne Henning, Aune Moro, Navindra P. Seeram, Yanjun Zhang, and David Heber (2011) Chinese Red Yeast Rice Inhibition of Prostate Tumor Growth in SCID mice. *Cancer Prevention Research* 4:608-15.
10. Tanya G. Marsh, Rachel K. Straub, Fatima Villalobos and Mee Young Hong (2011) Soy protein supports cardiovascular health by down-regulating HMGCR and SREBP2 and increasing antioxidant enzyme activity in rats. *Nutrition Research* 31:922-928.
11. Cindy A. Warren, Kimberly J Paulhill, Laurie A Davidson, Joanne R Lupton, Stella S Taddeo, Mee Young Hong, Raymond J Carroll, Robert S Chapkin and Nancy D Turner (2009) Quercetin suppresses rat aberrant crypt foci formation by suppressing inflammatory mediators that influence proliferation and apoptosis. *Journal of Nutrition* 139:101-105.
12. Mee Young Hong, Navindra P. Seeram, Yanjun Zhang and David Heber (2008) Chinese red yeast rice vs lovastatin effects on prostate cancer cells with and without androgen receptor overexpression *Journal of Medicinal Food* 11:657-666.
13. Mee Young Hong, Navindra P. Seeram and David Heber (2008) Pomegranate Polyphenols Downregulate expression of androgen synthesizing genes in human prostate cancer cells overexpressing the androgen receptor. *Journal of Nutritional Biochemistry* 19:848-855.
14. Michael Swartz, Qianxing Mo, Mary E Murphy, Mee Young Hong and Mirina Vannucci (2008) Bayesian variable selection in clustering high dimensional data with substructure. *Journal of Agricultural, Biological and Environmental Statistics* 13:407-423.
15. Mee Young Hong, Navindra P. Seeram, Yanjun Zhang and David Heber (2008) Anti-Cancer Effects of Chinese Red Yeast Rice beyond Monacolin K alone in Colon Cancer Cells. *Journal of Nutritional Biochemistry* 19:448-458.
16. Kristy L. Crim, Lisa M. Sanders, Mee Young Hong, Stella Toddeo, Nancy D. Turner, Robert S. Chapkin and Joanne R. Lupton (2008) Upregulation of p21Waf1/Cip1 expression in vivo by butyrate administration can be chemoprotective or chemopromotive depending on the lipid component of the diet. *Carcinogenesis* 29:1415-1420.
17. Veerabhadran Baladandayuthapani, Bani K. Mallick, Mee Young Hong, Joanne R. Lupton, Nancy D. Turner and Raymond J. Carroll (2008) Bayesian hierarchical spatially correlated functional data analysis with application to colon carcinogenesis. *Biometrics* 64:64-73.
18. Mee Young Hong, Nancy Turner and Joanne R. Lupton (2008) Effects of dietary fish oil on DNA damage in early stage of colon carcinogenesis. *UKC conference*.
19. Yehua Li, Naisyin Wang, Mee Young Hong, Nancy D. Turner, Joanne R. Lupton and Raymond J. Carroll (2007) Nonparametric estimation of correlation functions in longitudinal and spatial data, with application to colon carcinogenesis experiments. *Annals of Statistics* 35:1608-1643.
20. Mee Young Hong, Laura K. Bancroft, Nancy D. Turner, Laurie A. Davidson, Mary E. Murphy, Raymond J. Carroll, Robert S. Chapkin and Joanne R. Lupton (2005) Fish oil decreases oxidative DNA damage by enhancing apoptosis in rat colon. *Nutrition & Cancer* 52:166-175.
21. Mee Young Hong, Nancy D. Turner, Raymond J. Carroll, Robert S. Chapkin and Joanne R. Lupton (2005) Differential response to DNA damage may explain aspects of the cancer susceptibility between small and large intestine. *Experimental Biology and Medicine* 230:464-471.
22. Lisa M. Sanders, Cara E. Henderson, Mee Young Hong, Rola Barhoumi, Robert C. Burghardt, Naisyin Wang, Christine E. Spinka, Raymond J. Carroll, Nancy D. Turner, Robert S. Chapkin and Joanne R. Lupton (2004) An increase in reactive oxygen species by dietary fish oil coupled with the attenuation of antioxidant defenses by dietary pectin enhances rat colonocyte apoptosis. *Journal of Nutrition* 134:3233-3238.
23. Lisa M. Sanders, Cara E. Henderson, Mee Young Hong, Rola Barhoumi, Robert C. Burghardt, Raymond J. Carroll, Nancy D. Turner, Robert S. Chapkin and Joanne R. Lupton (2004) Pro-oxidant environment of the colon compared to the small intestine may contribute to greater cancer susceptibility. *Cancer Letter* 208:155-161.
24. Mee Young Hong, Robert S. Chapkin, Laurie A. Davidson, Nancy D. Turner, Jeffrey S. Morris, Raymond J. Carroll and Joanne R. Lupton (2003) Fish oil enhances targeted apoptosis during colon tumor initiation in part by downregulating bcl-2. *Nutrition & Cancer* 46:44-51.
25. Jeffrey S. Morris, Naisyin Wang, Joanne R. Lupton, Robert S. Chapkin, Nancy D. Turner, Mee Young Hong and Raymond J. Carroll (2003) Understanding the relationship between carcinogen-induced DNA adduct levels in distal and proximal regions of the colon. *Proceedings of the Mathematical Modeling in Experimental Nutrition Conference*. Edited by JA Novotny, MH Green and RC Boston *Mathematical Modeling in Nutrition and the Health Sciences. Advances in Experimental Medicine and Biology*. Vol. 537. Kluwer, New York, NY.

26. Mee Young Hong, Robert S. Chapkin, Rola Barhoumi, Robert C. Burghardt, Nancy D. Turner, Cara Henderson, Lisa M. Sanders, Yang-Yi Fan, Laurie A. Davidson, Mary E. Murphy, Christie M Spinka, Raymond, J. Carroll and Joanne R. Lupton. (2002) Fish oil feeding increases the unsaturation index in mitochondrial phospholipids, enhancing reactive oxygen species generation and initiation apoptosis in rat colonocytes. *Carcinogenesis* 23:1919-1925.
27. Jeffrey S. Morris, Naisyin Wang, Joanne R. Lupton, Robert S. Chapkin, Nancy D. Turner, Mee Young Hong and Raymond J. Carroll (2002) A bayesian analysis of colonic crypt structure and coordinated response to carcinogen exposure incorporating missing crypts. *Biostatistics* 4:529-546
28. Robert S. Chapkin, Mee Young Hong, Yang-Yi Fan, Laurie A. Davidson, Lisa M. Sanders, Cara E. Henderson, Rola Barhoumi, Robert C. Burghardt, Nancy D. Turner and Joanne R. Lupton. (2002) Dietary n-3 polyunsaturated fatty acids alter colonocyte mitochondrial membrane composition and function. *Lipids* 37:193-199.
29. Mee Young Hong, Robert S. Chapkin, Jeffrey S. Morris, Naisyin Wang, Raymond, J. Carroll, Nancy D. Turner, Wen Chi L. Chang, Laurie A. Davidson and Joanne R. Lupton. (2001) Anatomical site-specific response to DNA damage is related to later tumor development in the rat AOM colon carcinogenesis model. *Carcinogenesis* 22:1831-1835.
30. Jeffrey S. Morris, Naisyin Wang, Joanne, R. Lupton, Robert S. Chapkin, Nancy D. Turner, Mee Young Hong and Raymond J. Carroll. (2001) Parametric and nonparametric methods for understanding the relationship between carcinogen-induced DNA adduct levels in distal and proximal regions of the colon. *JASA (Journal of the American Statistical Association)* 96:816-826.
31. Mee Young Hong, Joanne R. Lupton, Jeffrey S. Morris, Naisyin Wang, Raymond, J. Carroll, Laurie A. Davidson, Rhoderick, H. Elder and Robert S. Chapkin. (2000) Dietary fish oil reduces O⁶-methylguanine DNA adduct levels in rat colon in part by increasing apoptosis during tumor initiation. *Cancer Epidemiology, Biomarkers & Prevention* 9: 819-826.
32. Mee Young Hong, Robert S. Chapkin, Christopher P. Wild, Jeffrey S. Morris, Naisyin Wang, Raymond, J. Carroll, Nancy D. Turner and Joanne R. Lupton (1999) Relationship between DNA adduct levels, repair enzyme and apoptosis as a function of DNA methylation by azoxymethane. *Cell Growth & Differentiation* 10:749-758.
33. Joanne R. Lupton, Wenchi L. Chang, Mee Young Hong and Robert S. Chapkin. (1999) Fat/fiber interactions on colonic cytokinetics: relationship to colon cancer. *Asia Pacific Journal of Clinical Nutrition* 8(Suppl.): S37-S40.
34. Joanne R. Lupton, Wenchi L. Chang, Mee Young Hong and Robert S. Chapkin (1998) Diet effects on apoptosis during colon carcinogenesis. *Annals of the Academy of Studenica* 1:37-40.
35. Mee Young Hong, Wenchi L. Chang, Robert S. Chapkin and Joanne R. Lupton. (1997) Relationship among colonocyte proliferation, differentiation and apoptosis as a function of diet and carcinogen. *Nutrition and Cancer* 28(1): 20-29.
36. Sook He Kim and Mee Young Hong (1993) The changes of body fat accumulation, serum lipids and platelet functions in rat fed the diet containing different common oils in Korea: sesame oil, perilla oil, rice bran oil and mixed oil. *Korean Journal of Nutrition* 25:513-523.
37. Sook He Kim and Mee Young Hong (1993) The changes of erythrocyte feature and Ca concentration in rat fed the diet containing different common oils in Korea: sesame oil, perilla oil and rice bran oil. *Korean Journal of Nutrition* 26: 524-531.

Professional Presentations with Published Abstracts

Katy Kaufman, Shirin Hooshmand, Mark Kern, Arturo Figueroa, Mee Young Hong (2015) Effects of watermelon powder on lipid metabolism through regulation of gene expression in atherogenic diet-fed rats. *The FASEB Journal* 28.

Jan Lumibao, Mee Young Hong (2015) Effects of contaminated fish oil on hepatic FAS and HMGCR gene expression and liver function enzyme activities. *The FASEB Journal* 28.

Nelson Stephanie, Zawilski Alexandra, McGill Brittany, McIntosh Marian, Mee Young Hong, Shirin Hooshmand, Kern Mark (2015) Neutrophil Elastase Responses in Smokers and Nonsmokers Consuming Dried Plums. *The FASEB Journal* 28.

Zawilski Alexandra, Nelson Stephanie, McGill Brittany, McIntosh Marian, Mee Young Hong, Shirin Hooshmand, Kern Mark (2015) Dried Plums Promote Increased Antioxidant Capacity in Smokers and Nonsmokers. The FASEB Journal 28.

Chen Glasheen , Mee Young Hong (2015) Effects of POP-contaminated fish oil on total antioxidant enzyme capacity and oxidative stress on the reduction of cardiovascular disease risk in rats. SDSU SRS, San Diego, CA, March 2015.

Katy Kaufman, Shirin Hooshmand, Mark Kern, Katie Thralls and Mee Young Hong (2015) Effects of Watermelon Powder Supplementation on Hepatic Gene Expression involved in Lipid Metabolism in Atherogenic Diet-Fed Rats. SDSU SRS, San Diego, CA, March 2015.

Yen-Tzu Tseng and Mee Young Hong (2015) Preventive effects of watermelon powder on colitis by maintaining the number of intact crypts in atherogenic diet-fed and dextran sodium sulfatetreated rats. SDSU SRS, San Diego, CA, March 2015.

Arshya Ahouraei Far, Cristal Medina, Shirin Hooshmand, Mark Kern and Mee Young Hong (2015) The effect of dried plum on lipid profile and liver function enzyme activities in postmenopausal women. SDSU SRS, San Diego, CA, March 2015.

Nicole Hartig, Shirin Hooshmand, Mark Kern, Arturo Figueroa, Mee Young Hong (2014) Effects of watermelon powder on antioxidant capacity, inflammation and lipid profiles in DSS treated rats fed an atherogenic diet. The FASEB Journal 27.

Kyrié Baca, Deva Plumlee, Mee Young Hong (2014) Effects of cayenne pepper on hepatic gene expression involved in lipid metabolism in DSS treated rats. The FASEB Journal 27.

Rebecca DeHamer, Mee Young Hong (2014) The effect of PCB contamination in fish oil on gene expression involved in inflammation and DNA repair enzymes in rat colon. The FASEB Journal 27.

Heather Tsunoda, Jong Won Min, Maureen Piwowarski, Mee Young Hong (2014) Health status of a low socioeconomic elderly population that participates in a community senior meal program. The FASEB Journal 27.

Shiloah Fuller, Susan S. Levy, Rebecca DeHamer, Mee Young Hong (2014) Relationships between physical activity, food choice, gender, and BMI in Southern California Teenagers. The FASEB Journal 27.

Benjamin Reiter, Zachary Clayton, Elizabeth Fusco, Lisa Kass, Jennifer Carpenter, Shirin Hooshmand, Mee Young Hong, Mark Kern (2014) Dried plum snacking influences nutrient intake in individuals with metabolic syndrome, prediabetes, and overweight The FASEB Journal 27.

Elizabeth Fusco, Zachary Clayton, Lisa Kass, Jennifer Carpenter, Shirin Hooshmand, Mee Young Hong, Mark Kern (2014) Carbohydrate-rich snacks influence plasma glucose, insulin and ghrelin responses in overweight adults. The FASEB Journal 27.

Zachary Clayton, Elizabeth Fusco, Lisa Kass, Jennifer Carpenter, Shirin Hooshmand, Mee Young Hong, Mark Kern (2014) Snacking influences adipokine concentration independent of body composition and inflammation in overweight humans. The FASEB Journal 27.

Zachary Clayton, Elizabeth Fusco, Lisa Kass, Jennifer Carpenter, Shirin Hooshmand, Mee Young Hong, Mark Kern (2014) Type of snack influences body composition and glycemia in overweight humans. The FASEB Journal 27.

Nicole Hartig, Katy Kaufman, Shirin Hooshmand, Mark Kern, Mee Young Hong (2014) Watermelon as a functional food: antioxidant and anti-inflammatory effects of watermelon in atherogenic-diet fed rats. SDSU SRS, San Diego, CA, March 2014.

Jan Lumibao, Mee Young Hong (2014) Effects of contaminated fish oil on oxidative stress, inflammation and gene expression of lipid metabolizing enzymes. SDSU SRS, San Diego, CA, March 2014.

Heather Tsunoda, Mee Young Hong (2014) Low socioeconomic seniors who participate in a community senior meal program show high risk of being either under or over nourished. SDSU SRS, San Diego, CA, March 2014.

Rebecca DeHamer, Mee Young Hong (2014) The effect of PCB contaminated fish oil on the down regulation of COX-2 and NFkB gene expression in rat colon. SDSU SRS, San Diego, CA, March 2014.

Shiloah Fuller, Susan S. Levy, Rebecca DeHamer, Mee Young Hong (2014) Does physical activity have a protective effect on BMI, regardless of dietary habits in Southern California Teenagers? SDSU SRS, San Diego, CA, March 2014.

Kyrié Baca, Deva Plumlee, Mee Young Hong (2013) Effects of cayenne pepper on antioxidant enzyme activity in DSS treated rats fed an atherogenic diet. The FASEB Journal 26

Katina Blumenfeld, Mee Young Hong, Maureen Piwowarski, Anita Harbert, Amber Brychta, Tracy Love-Geffen, Jong Won Min (2012) An interdisciplinary approach to assessing the service needs of vulnerable seniors living in poverty, Gerontology Society of America, San Diego, CA.

Mee Young Hong, Jong Won Min, Patcharie Elkins, Maureen Piwowarski (2012) Evaluation of the nutritional risk among vulnerable seniors. The FASEB Journal 25.

Christina Orsa, Deva Plumlee, Alely Wright, Mee Young Hong (2012) Effects of dark chocolate on endothelial function in healthy adults. The FASEB Journal 25.

Alely Wright, Kyeong Hee Yu, Mee Young Hong (2012) A qualitative analysis of exercise and health practices in Korean American vs. American adults in Southern California. The FASEB Journal 25.

Brian Kang, Jinyoung Kim, Eunha Hoh, Mee Young Hong (2012) Effects of contaminated fish oil on aberrant crypt foci formation and colonic cell kinetics. The FASEB Journal 25.

Deva Plumlee, Kyrie Baca, Mee Young Hong (2012) Effects of cayenne pepper on metabolic deregulation. The FASEB Journal 25.

Lisa M Hernandez, Nicole E Meichtry, Daniel Soto, Sopida Sringkarawat, Mee Young Hong, Shirin Hooshmand, Mark Kern, Yumi Petrisko (2012) The effects of consuming a pistachio snack versus a refined carbohydrate snack on blood lipids, blood glucose, body weight, and body composition in young, healthy adults. The FASEB Journal 25.

Katina Blumenfeld, Mee Young Hong, Maureen Piwowarski, Anita Harbert, Amber Brychta, Tracy Love-Geffen, Jong Won Min (2012) An Interdisciplinary Approach to Assessing the Service Needs of Vulnerable Seniors Living in Poverty. The Annual Meeting of the Gerontological Society of America (GSA) in San Diego, November, 2012.

Christina Orsa, Deva Plumlee, Alely Wright, Mee Young Hong (2012) Effects of bloomed and regular dark chocolate on cardiovascular disease risk factors. SDSU SRS.

Alely Wright, Kyeong Hee Yu, Mee Young Hong (2012) A comparative analysis of exercise and health practices in Korean and non-Korean American adults. SDSU SRS.

Brian Kang, Mee Young Hong (2012) Comparison of uncontaminated fish oil vs contaminated fish oil on aberrant crypt foci formation and colonic cell proliferation. SDSU SRS

Mee Young Hong, Susanne Henning, Aune Moro, Navindra P. Seeram, Yanjun Zhang, and David Heber (2011) Anticancer effects of Chinese red yeast rice on androgen-dependent and -independent prostate tumors in xenograft mice. IMPaCT (Innovative Minds in Prostate Cancer Today), Department of Defense.

Mee Young Hong, Mahshid Shelechi (2011) Dark chocolate protects against colon carcinogenesis by favorable alteration of cell kinetics. The FASEB Journal 24.

Tahirih Shepanski, Mee Young Hong (2011) Majoring in nutrition influences BMIs of female college students. The FASEB Journal 24.

Kerin K. Dooley, Kyeong Hee Yu, Mee Young Hong (2011) Changes with Age: Increases in BMI found with healthier diets and lifestyles. The FASEB Journal 24.

Mee Young Hong, Leslie Mansour (2011). Total antioxidant capacity of commonly consumed kids' beverages in the US. The FASEB Journal 24.

Prashila Mistry, Alely Wright, Sonya Plumlee, Mee Young Hong (2011) Fish oil and contaminated fish oil reduce risk factors of cardiovascular disease in rats. The FASEB Journal 24.

Mahshid Shelechi, Mee Young Hong (2011) Dark chocolate protects against colon carcinogenesis by suppression of cell proliferation. SDSU SRS.

Patcharie Elkins, Mee Young Hong (2011) The effect of green tea on inflammation and antioxidant activities in atherogenic diet-fed rodents. SDSU SRS.

Kerin K. Dooley, Mee Young Hong (2011) Differential relationship between BMI and lifestyle seen with age. SDSU SRS.

Maggie Mae Camaclang, Qian Hu, Mee Young Hong (2011) Effects of contaminated fish oil on serum lipids and CRP. SDSU SRS.

Julie Bornhoeft, Antoinette Aversa, Debra Castaneda, Tricia Nemoseck, Mee Young Hong (2010) Green tea polyphenols improve serum lipid profiles and C-reactive protein inflammation marker in DSS-treated and atherogenic diet-fed rats. The FASEB Journal 23.

Mee Young Hong, Tricia Nemoseck, Tanya Marsh (2010) Effects of dark chocolate on lipid profile in rats with lipopolysaccharide-induced inflammation. The FASEB Journal 23.

Mee Young Hong, Tricia Nemoseck (2010) Antioxidative properties of dark chocolate and bloomed dark chocolate. The FASEB Journal 23.

Emily Delulio, Mee Young Hong (2010) Dark chocolates suppress rat aberrant crypt foci formation by downregulation of inflammation involved gene expression. The FASEB Journal 23.

Naomi Shadwell, Mee Young Hong (2010) Dark chocolate upregulated LDL receptor gene expression and downregulated fatty acid synthase expression. The FASEB Journal 23.

Stacy Kaper, Leslie S. Howarth, Yumi Petrisko, Allison Furchner-Evanson, Tricia Nemoseck, Yumi Petrisko, Mee Young Hong, Mark Kern (2010) Dried plums consumed twice daily increase antioxidant capacity after two weeks. The FASEB Journal 23.

Tricia Nemoseck, Sarah Cole, Yumi Petrisko, Mee Young Hong, Mark Kern (2010) Influence of honey versus sucrose on glucose, insulin and lipid responses in mice. The FASEB Journal 23.

Afarin Fullen, Kelly Shaughnessy, Janine Szafranski, Yaila Weddle, Tanya Marsh, Tricia Nemoseck, Mee Young Hong (2010) Effects of dark chocolate on lipopolysaccharide-induced inflammation. SDSU SRS

Mee Young Hong, Tricia Nemoseck, Tanya Marsh, Andrea Chapin and Debra Castaneda (2009) Bloomed dark chocolate still contains the biological function in lowering serum lipids and C-reactive protein inflammation marker. The FASEB Journal 22.

Mee Young Hong, Susanne Henning, Yanjun Zhang, Navindra P. Seeram, Aune Moro, and David Heber (2009) Chinese Red Yeast Rice inhibits tumor growth and downregulates expression of genes for androgen and cholesterol biosynthesis in human prostate cancer xenografts in SCID mice. The FASEB Journal 22.

Tanya G Marsh, Rachael Straub, Fatima Villalobos and Mee Young Hong (2009) Soy protein influences plasma lipid profiles but does not reduce interleukin-6 inflammation marker in dextran sodium sulfate treated rats. The FASEB Journal 22.

Rachel Straub, Tanya Marsh, Fatima Villalobos, Mee Young Hong (2009) Soy protein influences plasma lipid profiles in rats but does not reduce interleukin-6 The effect of soy protein on plasma lipid and IL-6 levels in dextran sodium sulfate- treated rats. SDSU SRS.

Andrea Chapin, Debra Castaneda, Mee Young Hong (2009) The effects of dark chocolate vs bloomed dark chocolate on serum lipid profiles and inflammation in rats. SDSU SRS.

Mee Young Hong, Veerabhadran Baladandayuthapani, Yehua Li, Raymond J. Carroll, Nancy D. Turner and Joanne R. Lupton (2008) Coordinated p27^{Kip1} expression as a function of distance between crypts - Potential inter-crypt signaling. The FASEB Journal 21.

Mee Young Hong, Aune Moro, Yanjun Zhang, Navindra P. Seeram and David Heber (2008) Chinese red yeast rice food spice inhibits androgen-dependent and -independent prostate tumor xenograft growth by inhibiting cholesterol biosynthesis in androgen-dependent and independent prostate cancer. The FASEB Journal 21.

Mee Young Hong, Navindra P. Seeram and David Heber (2008) Pomegranate and its polyphenols downregulate gene expression of androgen synthesizing enzymes in human prostate cancer cells overexpressing the androgen receptor. The FASEB Journal 21.

Mee Young Hong, Nancy Turner and Joanne R. Lupton (2008) Effects of dietary fish oil on DNA damage in early stage of colon carcinogenesis. UKC conference, San Diego, CA.

Alia Altamimi, Yumi Petrisko, Mee Young Hong, Lauren Rezende and Mark Kern (2008) Respond of blood lipids to consumption of honey vs sucrose in men and women. The FASEB Journal 21.

Naomi Shadwell, Sarah Reese, Dana Olson, Elizabeth Zabel, Charity Johnson, Fatima Villalobos, Mee Young Hong (2008) The effect of heat on dark chocolate and its biological function in serum lipid profiles of rats. The FASEB Journal 21.

Fatima Villalobos, Audrey Spindler, Mee Young Hong, Mark Kern, Jenny Quintana (2008) Antioxidant capacity, sensory analysis, and texture profile for organically and conventionally grown strawberries. The FASEB Journal 21.

Sarah Reese, Naomi Shadwell, Dana Olson, Elizabeth Zabel, Charity Johnson, Fatima Villalobos, Mee Young Hong (2008) The effect of heat on dark chocolate and its biological function in serum lipid profiles of rats. SDSU SRS.

Fatima Villalobos, Audrey Spindler, Mee Young Hong, Mark Kern, Jenny Quintana (2008) Antioxidant capacity, sensory analysis, and texture profile for organically and conventionally grown strawberries. SDSU SRS.

Mee Young Hong, Navindra P. Seeram and David Heber (2007) Matrix effects of Chinese Red Yeast Rice beyond monacolin K alone in colon cancer cells. AACR Conference at Los Angeles, CA.

Mee Young Hong, Navindra P. Seeram, Yanjun Zhang and David Heber (2007) Chinese red yeast rice extract inhibits androgen-dependent and -independent prostate cancer cell growth but by different mechanism. The FASEB Journal 21.

Mee Young Hong, Navindra P. Seeram, Yanjun Zhang and David Heber (2006) Chinese red yeast rice extract inhibits androgen-dependent and -independent prostate cancer cell growth by inhibition of cholesterologenesis but via different mechanisms. Department of Medicine Research Day Conference. October 7, University of California, Los Angeles, CA.

Mee Young Hong, Navindra P. Seeram and David Heber (2006) Chinese Red Yeast Rice (CRYR) inhibits proliferation and stimulates apoptosis in both COX-2 expression and non-expressing in human colon cancer cells via inhibition of cholesterologenesis. The FASEB Journal 20.

Mee Young Hong, Nancy D. Turner, Mary E. Murphy, Raymond J. Carroll, Laura K. Bancroft, Laurie A. Davidson, Robert S. Chapkin and Joanne R. Lupton (2006) Dietary fish oil down-regulates pro-inflammatory gene expression in colonocytes. The FASEB Journal 20.

Mee Young Hong, Nancy D. Turner, Mary E. Murphy, Raymond J. Carroll, Robert S. Chapkin and Joanne R. Lupton (2005) Dietary fish oil may decrease colonic proliferation by upregulating p27Kip1 level in actively proliferating cells. Department of Medicine Research Day, UCLA, Los Angeles, November.

Nancy D. Turner, Cynthia A. Warren, Kimberly J. Paulhill, Lisa M. Sanders Mee Young Hong, Kristy L. Covert, Laurie A. Davidson, Robert S. Chapkin, and Joanne R. Lupton, (2005) Fermentation products in colon health: mediators of cell kinetics and gene expression. Gastrointestinal Function Conference.

Mee Young Hong, Nancy D. Turner, Mary E. Murphy, Raymond J. Carroll, Robert S. Chapkin and Joanne R. Lupton (2005) Dietary fish oil may decrease colonic proliferation by upregulating p27Kip1 level in actively proliferating cells. The FASEB Journal 19.

Mee Young Hong, Nancy D. Turner, Mary E. Murphy, Raymond J. Carroll, Robert S. Chapkin and Joanne R. Lupton (2005) Dietary fish oil reduces N7-methylguanine adducts by enhancing apoptosis at the initiation stage of carcinogenesis in the small (SI) and large intestine (LI). The FASEB Journal 19.

Mee Young Hong, Nancy D. Turner, Raymond J. Carroll, Robert S. Chapkin and Joanne R. Lupton (2005) Higher DNA adduct levels and lower apoptosis may explain the higher cancer susceptibility in the distal colon compared to the rest of the gastrointestinal tract. The FASEB Journal 19.

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D. Research Support

Ongoing Research Support

Agency: San Diego State University Grant Program Role: PI 1/1/15-6/30/16

Effects of watermelon on inflammatory bowel disease (IBD)

The goal of this study is to determine if watermelon supplementation improves inflammatory bowel diseases by (a) reduction of DNA damage, (b) improving endothelial dysfunction, (c) down-regulation proinflammatory gene expression and (d) upregulation of antioxidant enzyme gene expression in atherogenic diet fed rodents.

Amount: \$9,982

Agency: Faculty Mini Grant for Undergraduate Research Award Role: PI 10/1/14-8/31/15

Effects of persistent organic pollutants in fish oil on antioxidant enzyme activities

The goal of the study is to determine the effects of persistent organic pollutants (POP) exposure through fish oil consumption on oxidative stress and antioxidant enzyme activities since antioxidant enzymes play critical role in reducing POP-induced oxidative stress.

Amount: \$1,000

Agency: US Apple Association Role: Co-PI 6/1/14-5/31/15

Impact of apple on adiposity, glucose regulation and appetite in prediabetes or metabolic syndrome in postmenopausal women

The goal of the study is to determine the ability of dried apple to reduce body fat and improve associated cardiovascular disease associated risk factors in a randomized clinical trial in overweight and obese (1 to 10 years postmenopausal) women.

Amount: \$99,359

Agency: California Department of Public Health Role: Co-PI 10/1/14-9/30/15

WIC Nutrition Program Yr 15

SDSU Research Foundation Women, Infants, and Children Program (WIC) is a service and research oriented program dedicated to improving health and nutrition education for San Diego families.

Amount: \$5,657,491

Pending Research Support

Agency: NIH

Role: Co-investigator 1/1/15-12/31/20

Young Children's Activity Ecology: contingencies delivered by mobile technology

The goal of the study is to determine the improvement of physical activity and diet using mobile technology among WIC participating children.

Amount: \$498,544

Agency: National Watermelon Promotional Board

Role: PI

4/1/15-8/31/16

Effects of watermelon supplementation on colon cancer prevention

The goal of the study is to determine if watermelon supplementation protects against colon cancer development by its antioxidant, anti-inflammatory and vasodilation properties.

Amount: \$21,000

Completed research support

Agency: California Dried Plum Board

Role: Co-investigator 4/1/12-3/31/13

Impact of carbohydrate rich foods on metabolic syndrome

The major goal of this project is to determine the influence of dried plums versus a low fat cookie snack food on risk factors for diabetes in those with prediabetes or metabolic syndrome.

Amount: \$110,000

Agency: San Diego State University Grant Program

Role: PI

1/1/11-6/30/12

Effects of dark chocolate on endothelial dysfunction

The goal of this study is to determine if dark chocolate consumption protects against risk of CVD by improving endothelial function in human subjects.

Amount: \$9,900

Agency: California Department of Public Health

Role: Co-PI

10/1/10-9/30/14

WIC Nutrition Program Yr 10-14

SDSU Research Foundation Women, Infants, and Children Program (WIC) is a service and research oriented program dedicated to improving health and nutrition education for San Diego families.

Amount: \$18,958,836

Agency: San Diego State University Grant Program

Role: PI

1/01/10-/30/11

Effects of contaminated fish oil on inflammation

The goal of this study is to examine if contaminated fish oils decrease the potential beneficial effects of fish oil such as preventing inflammation.

Amount: \$10,000

Agency: CHNR

Role: PI

1/1/08-6/30/10

Anticarcinogenic and antioxidative properties of chocolate in a rat model of colon cancer

The goal of this study is to determine if chocolate protects against colon cancer development by reduction of precancerous lesions called aberrant crypt foci and to determine the underlying mechanism(s) involved.

Amount: \$60,000

Agency: American Heart Association

Role: Co-investigator 7/1/08-6/30/10

Honey as a potential heart-healthy sweetening alternative

The goal of this study is to assess honey effects on body weight, adiposity, adipocentric markers of disease risk, and mechanisms for these effects including gene expression of enzymes involved in lipid production.

Amount: \$140,000

Agency: San Diego State University Grant Program

Role: PI

1/1/09-6/30/10

Differential cancer susceptibility between small intestine and large intestine

The goal of this study is to determine if the small intestine is more protected from tumorigenesis than the large intestine by more beneficial responses to inflammation and up-regulation of antioxidant enzymes

Amount: \$5,000

Agency: DOD (Department of Defense) Role: PI 4/15/07-10/14/09

Mechanisms of chinese red yeast rice inhibition of prostate cancer growth

The goal of this study is to determine whether red yeast rice will protect against prostate cancer development via lowering de novo cholesterologenesis and/or oxidative stress related inflammation.

Amount: \$75,000

Agency: San Diego State University Grant Program Role: PI 1/1/08-6/30/09

Soybean effects on gene expression involved in colon inflammation

The goal of this study is to determine whether soybeans are protective against colonic inflammation via regulation of antioxidant enzyme activities and pro-inflammatory and DNA repair gene expression.

Amount: \$9,900

Agency: USDA/CSREES Role: Co-investigator 9/15/01-9/14/03

Mechanisms behind the antioxidant properties of quercetin in colon carcinogenesis

The goal of this project is to determine whether quercetin suppresses oxidative stress through COX-2, or iNOS pathways, and whether its affect is additive to that obtained with celecoxib.

Amount: \$50,000

Agency: Center for Environmental and Rural Health Role: PI 8/1/04-7/31/05

Dietary fish oil protects against oxidative DNA damage

The goal of this project is to determine the effect of fish oil in vivo response to repeated bouts of exposure to a DNA oxidizing agent with carcinogen administration in the colon.

Amount: \$25,000

Submitted but not funded

Agency: NIH Role: PI 7/1/13-6/30/16

Preconceptional exposure to PCBs and PBDEs of fish oil and colon carcinogenesis

The goal of the study is to the effects of preconceptional exposure to PCBs and PBDEs of fish oil on colon carcinogenesis through transgenerational inheritance.

Amount: \$600,000

Agency: NIH/HLBI Role: Co-investigator 2/1/14-1/31/19

Early Childhood Obesity Prevention Using Real-Time Feedback

The goal of the study is to test a multi-level shaping and feedback program designed to increase physical activity (PA), decrease sedentary activity (SA), and promote healthy diets among low income, ethnic minority, 2-5 year old children receiving services from Women, Infants, and Children (WIC) clinics.

Amount: \$759,806

Agency: Allen Foundation Role: PI 1/1/13-12/31/14

Interconception health and health behavior through the delivery of multimedia-based messages in WIC participants

The goal of the study is to examine the effects of an interconception health, multimedia-based intervention program on improving markers of interconception health and health behavior among postpartum WIC participants.

Amount: \$58,000

Agency: UCLA WIC Program Role: PI 10/1/12-9/30/15

The WIC program improves interconception health and health behavior through the delivery of multimedia-based messages

The goal of this study is to evaluate the effectiveness of a multimedia intervention using text messaging in combination with SNS to improve interconception health in WIC participants

Amount: \$72,000

Agency: NIH Role: Co-investigator 9/01/12-8/30/17

Bone health and acculturation among Korean American Women

The goal of the study is to examine the status of bone health and diet changes among Korean American women.

Amount: \$300,000

Agency: NIH Role: PI 12/1/12-11/30/15

Effect of persistent organic pollutants on anti-colon cancer property of fish oil

The goal of the study is to investigate the interactive effect of toxicants and nutrients on the anti-cancer properties of dietary fish oil using an animal model.

Amount: \$300,000

Agency: California Dried Plum Board Role: Co-investigator 4/1/12-3/31/13

Impact of carbohydrate rich foods on metabolic syndrome

The goal of the study is to examine the effects of carbohydrate rich foods on blood glucose, lipid profiles and body fat .

Amount: \$110,355

Agency: USDA Role: Co-investigator 1/1/12-12/31/13

Effect Dried plum or its polyphenols dose-dependently prevent inflammation and bone loss in an inflammatory-induced rat model of chronic inflammation

The goal of the study is to examine the effects of dried plum or its polyphenols preventing bone loss in lipopolysaccharide-induced chronic inflammation rat model.

Amount: \$400,000

Agency: Western Pistachio Association Role: Co-investigator 7/01/11-6/30/13

Exploring the Potential Impacts of Pistachios on Satiety, Weight Management, and Risk Factors for Chronic Diseases

The goal of this study is to determine the effects of pistachios on satiation, satiety and postprandial metabolism.

Amount: \$256,757

Agency: AMERICAN CANCER SOCIETY Role: PI 1/1/10-12/31/10

Contaminated dietary fish oil effects on colon cancer

The goal of the study is to determine if dietary intakes of toxic pollutants obtained through the consumption of fish oil commercially available in the U.S. negate the anti-cancer benefits of fish oil.

Amount: \$30,000

Agency: Global Research Network Program Role: Co-investigator 1/01/10-12/31/11

Nutritional approach on health promotion and chronic disease prevention by traditional Korean diet

The goal of this study is to establish the superiority of Korean style mixed diet on health promotion and disease prevention.

Amount: \$200,000

Agency: American Heart Association Role: PI 7/01/11- 6/30/13

Contaminated Fish Oil - Risk vs Benefits

The goal of this study is to examine if contaminated fish oils decrease the potential beneficial effects of fish oil on the risk factors of cardiovascular disease.

Amount: \$140,000

Agency: Comprehensive SDSU-UCSD Cancer Center partnership Role: PI 3/01/10- 2/28/12

Effects of contaminated fish oil on colon cancer

The goal of the study is to determine if contaminated fish oil decreases the potential beneficial effects of fish oil in prevention of colon cancer in vivo and to determine the mechanism(s) involved.

Amount: \$50,000

Agency: NIH

Role: PI

7/01/10-6/30/12

Chinese red yeast rice inhibition of cholesterologenesis and prostate cancer prevention

The goal of this study is to determine whether red yeast rice inhibits growth and stimulates apoptosis of androgen-dependent and androgen-independent prostate cancer in vivo by inhibiting de novo cholesterologenesis.

Amount: \$100,000

Agency: The Ann Fitzpatrick Alper Program in Environmental Genomics -UCLA Jonsson Comprehensive Cancer Center

Role: Co-PI

6/01/08-5/31/09

Gene nutrient interaction of tea polyphenols and phase II enzymes in prostate cancer

The goal of this study is to determine that individuals with low activity conjugation enzymes of tea polyphenols demonstrate higher bioavailability and chemopreventive activity compared to individuals with high activity genotypes.

Amount: \$25,000

Agency: NIH

Role: Co-investigator 12/01/07-11/30/12

Role of phase II enzyme polymorphisms and gene expression in chemoprevention of prostate cancer by tea polyphenols

The goal of this study is to determine the effect of tea polyphenol on polymorphism of conjugating enzymes and enzyme activities of conjugation/ deconjugation enzymes in prostate tumors.

Amount: \$500,000

Special studies (Nutr 499 or Nutr 798)

Spring 2010

Erin Harrington (2 units, NUTR 499) Mechanism of folate on prevention of NTD (neural tube defect)

Antoinette Avera (3 units, NUTR 499) Nutrition survey study and helping lab classes

Vivian Nguyen (4 units, NUTR 499) World hunger problem and nutrition survey data entry

Mariela Vergara (3 units, NUTR 499) Cell proliferation experiment

Mirabela Radulescu (1 unit, NUTR 499) GO study

Qiaoling Gong (2 units, NUTR 499) MOVE study

Ana Chacon (1 unit, NUTR 499) Education patients in clinic in El Cajon

Mahshid Shelechi (1 unit, NUTR 798) Effects of dark chocolate on colonic cell kinetics

Fall 2010

Jessica Boone (2 units, NUTR 499) Fish oil and colon cancer

Alejandra Castro (2 units, NUTR 499) Collection of nutrition survey data

Alina Majlesse (3 units, NUTR 499) Optimal nutrition

May Wong (1 unit, NUTR 499) Edible film

Mahshid Shelechi (3 units, NUTR 798) Effects of dark chocolate on colonic cell kinetics

Julie Bornhoeft (3 units, NUTR 798) Green tea and liver function enzyme activities

Tanya Marsh (3 units, NUTR 798) Soy effects on inflammation

Prashila Mistry (3 units, NUTR 798) Contaminated fish oil

Tahirih Shepanski (3 units, NUTR 798) Nutrition survey between nutrition major vs non-major students

Kerin Dooley (3 units, NUTR 798) Eating pattern of teenagers, college students and adults after college

Alely Wright (3 units, NUTR 798) Comparison of eating habits between Korean American and American who lives in southern California

Spring 2011

Jessica Boone (1 unit, NUTR 499) Dark chocolate and blood pressure

Melissa Aquino (2 units, NUTR 499) Analysis of diet data

Jessica Wilson (2 units, NUTR 499) Data entry and analysis of 24 hour recall

Sarah Domurat (1 unit, NUTR 798) Effects of dark chocolate on the risk factors of CVD

Prashila Mistry (2 units, NUTR 798) Contaminated fish oil and CVD

Fall 2011

Qian Hu (2 units, NUTR 499) Preparation of diabetes education in Chinese
Mirabella Radulescu (3 units, NUTR 499) Health Fair preparation
Alex Glab (3 units, NUTR 499) Preparation for nutrition education for elderly
Deva Plumlee (2 units, NUTR 499) Cayenne pepper and the risk of CVD

Spring 2012

Maryam Zarei (3 units, NUTR 499) Nutrition survey, Metabolic markers
Danny sumbillo (3 units, FITZEE food internship)
Yasaman Balbas (2 units, FITZEE food internship)
Patricia Mae Garcia (2 units, NUTR 499) Algae oil fatty acid composition
Dora Valenzuela (1 unit, NUTR 499) Antioxidant capacity assay
Erika Ruiz (1 unit, NUTR 499) Nutrition survey
Heky Hong (1 unit, NUTR 499) Nutrition survey
Nicole Santana (1 unit, NUTR 499) Nutrition survey
Ana Gomez (1 unit, NUTR 499) Nutrition survey
Carla Salcedo (1 unit, NUTR 499) Nutrition survey
Linda Piekarsa (2units, NUTR 798) Health Fair
Rebecca Dehamer (3 units, NUTR 798) WIC internship
Kyrie Baca (3 units, NUTR 798) WIC internship
Mairi McLachlan (3 units, NUTR 798) WIC internship
Brian Kang (1 unit, NUTR 798) Fish oil and colonic cell kinetics

Fall 2012

Jake Reinagel (3 units, NUTR 499) Nutrition consultant - nutritious choices in menu plan in Kids' camp
Catherine Jordan (3 units, Nutrition survey)
Krizia Harris (3 units, NUTR 499) Health Fair at Senior Center
Audrey Ricca (3 units, NUTR 499) GC-10 effects on cancer patients
Laura Manjarrez (3 units, NUTR 499) Enzyme diets and its health benefit and limitation
Arantza Loreda (3 units, NUTR 499) Algae oil and health
Michelle Martinez (2 units, NUTR 499) WIC internship – nutrition education
Arshia Ahouraei (1 unit, NUTR 499) Nutrition survey data entry
Carly Pinzini (1 unit, NUTR 499) Nutrition survey data entry
Amanda Oliveira (1 unit, NUTR 499) Nutrition survey data entry
Gabby Debenedetti (1 unit, NUTR 499) Nutrition survey data collection
Kira Heartwick (1 unit, NUTR 499) WIC new food package
Shiloah Kviatkovsky (3units, NUTR 798) Nutrition survey data collection and analysis
Kyrie Baca (2 units, NUTR 798) Cayenne pepper and its antioxidant capacity
Latha Sathiyamoorthy (2 units, NUTR 798) WIC internship

Spring 2013

April Eusebio (1 unit, NUTR 499) Watermelon and health
Natalie Walton (1 unit, NUTR 499) Watermelon and its nutrition value
Carly Pinzini (1 unit, NUTR 499) Beverage and health in kids
Tony Radna (1 unit, NUTR 499) Nutrition survey data entry
Arshya Ahouraei (2 units, NUTR 499) Health fair preparation
Alex Smelser (3 units, NUTR 499) Watermelon study, daily animal care
Andrew Pineda (3 units, NUTR 499) Food Science class assistant
Nicole Hartig (3 units, NUTR 798) Watermelon and inflammation

Fall 2013

Audrey Ricca (1 unit, NUTR 499) 3D Food printing review
Jenna Bobbins (1 unit, NUTR 499) Lemon detox diet and its strength and limitation
Cybrina Bhagwat (2 units, NUTR 499) Protocol development of flavonoid determination
Reginald Paragas (3 units, NUTR 499) Sample preparation and analysis of RNA isolation
Conralyn Cabalbag (3 units, NUTR 499) Autophagy and colon cancer

Latha Sathiyamoorthy (2 units, NUTR 798) WIC Nutrition Education internship
Nicole Hartig (3 units, NUTR 798) Watermelon and inflammation and assisting labs

Spring 2014

Marisol Perez (1 unit, NUTR 499) Antioxidant capacity of watermelon
Juanjuan Yan (1 unit, NUTR 499) Urine sample screening protocol set-up
Jennifer Culanag (1 unit, NUTR 499) UriTrack urine analyzer protocol set-up
Katie Furey (1 unit, NUTR 499) WIC red cross-whole what pita pizza recipe introduction
Alexandria Skikos (2 units, NUTR 499) FRESH program for obese children at UCSD
Amina Moalin (2 units, NUTR 499) Anti-cancer diet/Dietary regimen for cancer patients
Katharine Dizaye (2 units, NUTR 499) Importance of hydration for better living in older adults
Katie Behan (3 units, NUTR 499) Dietary supplements for seniors
Maari Vickers (3 units, NUTR 499) Management intern and food service systems

Fall 2014

Donelle Horton (1 unit, NUTR 499) Octacosanol and its health benefit
Naria LeMira (1 unit, NUTR 499) Health benefit of Nitro Focus NO3 and Testro Rush Rx
Marisol Perez (1 unit, NUTR 499) WIC Internship
Mahir Makhail (1 unit, NUTR 499) The Effects of the Mediterranean Diet
Kate Behan (1 unit, NUTR 499) Herbs and homeopathic medicine
Charlotte Hargrave (2 units, NUTR 499) WIC Internship
Marisol Perez (2 units, NUTR 499) Scripps Green Hospital
Umulqayr Moalin (3 units, NUTR 499) Feeding America Internship
Aubree Crowley (3 units, NUTR 499) WIC Internship
Courtney Smith (3 units, NUTR 499) Feeding America Internship
Kaila Raygoza (3 units, NUTR 499) WIC Internship
Arshya Ahouraei (3 units, NUTR 798) Dried plum and liver function enzyme activity
Yen-Tzu Tseng (3 units, NUTR 798) Effects of watermelon on apoptosis
Dawn Klarich (3 units, NUTR 798) Moderate alcohol consumption and colorectal cancer risk

Thesis advisor or committee

Carrie Flack (ENS, Spring 2010), "Determination of epicatechin in rat serum by reversed-phase HPLC following dark chocolate consumption"

Emily Delulio (ENS, Fall 2010), "Dark chocolate effects on aberrant colonic crypt foci"

Tahirih Shepanski (ENS, Fall 2010), "Majoring in nutrition influences BMIs of female college students"

Pearl Quijada (Department of Biology, Fall 2010), "Genetic engineering of bone marrow cells for the treatment of myocardial infarction"

Matthew Mason (Department of Biology, Fall 2010), "PIM1 inhibits DRP1 promoting cardiac myocyte survival"

Vince Davies (Department of Biology, Fall 2010), "Effect of Vitamin D on the Immune Response to Colorectal Cancer"

Xiaoxiao Li (Department of Biology, Fall 2010), "Construction of a Targeting Vector for Mlh1 Conditional Knockout Mouse"

Julie Bornhoeft (ENS, Spring 2011), "The effect of green tea polyphenols on cardiovascular risk factors, liver enzymes and antioxidant status"

Kerin Dooley (ENS, Spring 2011), "Differential dietary and lifestyle behaviors in teens and adults"
Prashila Mistry (ENS, Spring 2011), "The effect of contaminated fish oil on the risk factor of CVD"
Tanya Marsh (ENS, Spring 2011), "Soy effects on SREBP2 gene expression"

Rano Basa (Department of Biology, Fall 2011), "Natural killer cells in colon cancer: A study in racial differences and immune coordination"

Patcharie Elkins (ENS, Fall 2011), "Nutrition risk in low income seniors"

Mahshid Shelechi (ENS, Fall 2011), "Dark chocolate, colon cell kinetics and colon carcinogenesis"

Balaji Sundararaman (Department of Biology, Spring 2012), "Non-random segregation and lineage commitment of cardiac stem cells"

Leslie Mansour (ENS, Spring 2012), "Total antioxidant capacity of commonly consumed beverages in youth in the United States".

Christiana Orsa (ENS, Spring 2012), "Effects of dark chocolate on endothelial function in healthy adults"

Alely Wright (ENS, Spring 2012), "A qualitative analysis of exercise and health practices in Korean American vs. American adults in Southern California"

Deva Plumlee (ENS, Spring 2012), "Dietary cayenne pepper reduces the risk factors of metabolic dysregulation by favorable changes in body weight gain, body fat, lipid profile and inflammation"

Jinel Shah (Department of Biology, Spring 2013), "Infiltration to understand racial disparities in colorectal cancer"

Brian Kang (ENS, Spring 2013), "Effects of contaminated fish oil on aberrant crypt foci formation and colonic cell kinetics"

Michael McGregor (Department of Biology, Fall 2013), "CENP-A plays a critical role in the proliferation of cardiac progenitor cells"

Sean V Nisperos (Department of Biology, Fall 2013), "Functional analysis of the HECT-domain3 ligase TRIP12 in planarian tissue regeneration and maintenance"

Tracy Luu (Department of Biology, Fall 2013), "Cytotoxic antitumor immune mechanisms and racial disparities in prostate cancer"

Pardis Zaeri (Department of Biology, Fall 2013), "Comparison of stroma-associated gene expression in African-American and Caucasian-American prostate cancer"

Kyrie Baca (ENS, Fall 2013), "Effects of cayenne pepper on markers of cardiovascular disease risk in rats with inflammation fed an atherogenic diet"

Rebecca Dehamer (ENS, Fall 2013), "The effect of PCB contamination in fish oil on markers of inflammation and DNA repair activity in rat colon"

Nandini Ravindran (Department of Biology, Spring 2014), "Characterization of cardiac autophagy in the setting of metabolic syndrome using animal models"

Bernardo Rivera (Graduate School of Public Health, Spring 2014), "An assessment of mobile food operators food handler knowledge"

Brittany Mellen (Graduate School of Public Health, Spring 2014), "Relationship between a child's BMI and the amount of sleep"

Shiloah Kviatkovsky (ENS, Fall 2014), "Relationships between physical activity, food choice, gender, and BMI in Southern California Teenagers"

Nicole Hartig (ENS, Fall 2014), "Effects of watermelon powder on antioxidant capacity, inflammation and lipid profiles in DSS treated rats fed an atherogenic diet"

Kaitlen Samse (Department of Biology, Fall 2014), "PIM 1 kinase functional effect depends upon intracellular localization in human cardiac progenitor cells"