WAYNE STATE UNIVERSITY

Professional Record

Date Prepared: 7-18-85

Date Revised: 11-16-19

**Name:** Kai-Lin Catherine Jen, Ph.D.

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Bloomfield Hills, MI 48302

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**DEPARTMENT:** Nutrition and Food Science/College of Liberal Arts and Sciences

**PRESENT RANK & DATE OF RANK:**

1992 - present, Professor

**WSU APPOINTMENT HISTORY:**

Year Appointed/Rank: 1984 Assistant Professor

Year Awarded Tenure: 1988

Year Promoted to Associate Professor: 1987

Year Promoted to Full Professor: 1992

Interim Chair, Nutrition and Food Science: 1992

Director, MA in Multidisciplinary Science 2000-2005

Interim Chair, Department of Nutrition and Food Science2005-2008

Chair, Department of Nutrition and Food Science 2008-2013

**Associate Appointments:**

1985-present Associate, Division of Endocrinology and Hypertension,

Department of Internal Medicine, School of Medicine

2004-present Member, Center for Health Research, School of Nursing

2007-present Member, Merrill-Palmer Institute for Child and Family

Development

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**DATE AND PLACE OF BIRTH:** Taipei, Taiwan

**CITIZEN OF:** USA

**EDUCATION**

**High School:** Taipei First Girls' High School, Taipei, Taiwan

**Baccalaureate:** B.S. National Taiwan University, Taipei, Taiwan

**Graduate:** M.A. Wayne State University, Detroit, MI

Ph.D. Wayne State University, Detroit, MI

**Postgraduate (postdoctoral):**

Institute of Human Nutrition, College of Physicians and Surgeons, Columbia

University

Department of Physiology, School of Medicine, University of Michigan

**FACULTY APPOINTMENTS AT OTHER INSTITUTIONS** (Year and Rank):

1979-83 Assistant Research Scientist, Department of Physiology, University of Michigan

1983-84 Assistant Professor, Department of Behavioral Medicine, Southern Illinois University

**PROFESSIONAL SOCIETY MEMBERSHIP(S)**:

Fellow, The Obesity Society

Member, American Society for Nutritional Sciences

Member, New York Academy of Science

Member, Society for Experimental Biology and Medicine

**BIOGRAPHICAL CITATIONS:**

1. Who's Who in the Midwest, 19th edition.

2. American Men and Women of Science, 16th edition

3. Who's Who in American Education

4. Who's Who of American Women

5. Who’s Who of Emerging Leaders in America

**HONORS/AWARDS:**

Career Development Chair Award, 1989-90.

Nominated for "Presidents Excellence in Teaching Award", 1991.

Excellence in Teaching Award, College of Science, 2000

**I. TEACHING**

**A. Years at Wayne State:** August, 1984 - Present

**B. Years at Other College/Universities:**

1 year Southern Illinois University

**C. Courses Taught at Wayne State in Last Five Years:**

**1. Undergraduate:**

NFS 203 Introductory Nutrition

NFS 221 Human Nutrition

NFS 3270/PSY3270 Eating Disorders

**2. Graduate:**

NFS 606 Research Problems in Nutrition and Food Science

NFS 625 Nutrition Instruction for Teachers

NFS 626 Nutrition Instruction for Teachers (Laboratory)

NFS 685 Nutrition and Body Weight Regulation

NFS 685 Nutrition and Exercise

NFS 685 Nutrition and Cancer

NFS 723 Nutrition and Physical Performance

NFS 785 Seminar in Nutrition and Food Science

NFS 789 Nutrition and Physical Performance

NFS 6000 Nutritional Biochemistry

NFS 6210 Nutrition through the Life Cycle

NFS 6270 Eating Behavior and Body Weight Regulation

NFS 7060 Research Problems in Nutrition and Food Science

NFS 7240 Nutritional Epidemiology

**3. Graduate Professional School**

**D. Essay/Theses/Dissertations Directed:**

**1. Master thesis or essay:**

1. JUUHL, Nora M.S. 1986 "Gestational diabetes and repeated pregnancy without

lactation".

1. DULMAGE, Virginia M.S. 1987 "Body weight 'yo-yo' syndrome: Effects on feeding efficiency and body composition.
2. GUPTA, Madhu M.S. 1987 "Insulin responses to repeated weight gain and loss in rats".
3. FITZGERALD, Fay M.A. 1987 "Hematocrit levels of infants fed soy based formula or milk base formula in Macomb County WIC Program".

1. ALEXANDER, Margaret M.S. 1987 "The effect of omega-3 fatty acids on lipids and glucose tolerance in the genetically obese rats".

1. ZIBELL-FRISK, Debora M.S. 1987 "Effects total parenteral nutrition during gestation on the outcome of pregnancy in humans".
2. HUYSER, Joan 1987 M.A.
3. FINK, Brenda 1988 M.A.
4. ZHONG, Shaobin 1989 M.S. "Effect of repeated pregnancy with and without lactation on lipid and carbohydrate metabolism in obese Osborne-Mendel rats".
5. YUNGTON, Cynthia 1990. M.A. "The effectiveness of nutrition education at the workplace".
6. BAAS, Kathryn 1990 M.A. "Interrelationship between iron status and growth velocity in infants and young children".
7. REECE-AARONSON, Susan M. 1991. M.S. "Effect of ad-libitum ingestion of aspartame on the phenylalanine levels of maternal and pup plasma and milk

samples".

1. ROGERS, Barbara E. 1991. M.A. "The effect of various external formulae on the blood glucose levels of patients with non-insulin dependent diabetes mellitus"
2. BHUTANI, V. 1991. M.S. "Metabolic consequence of repeated weight gain and loss in rats".
3. CLARK, Kathy. 1991. M.S. "Metabolic effects of fructose consumption during pregnancy in rats".
4. STACHOWIAK, L.M. 1991. M.S. "The total change in risk factor score after weight loss".
5. ALMARIO, Rogelio U. 1992. M.S. "Effects of long-term physical training and retirement on metabolic profile in genetically obese rats".
6. AMBROZY, Susan. 1992 M.S. "The effects of insulin on Ca+2 efflux on vascular smooth muscle in Sprague-Dawley rats".
7. TALLAPAKA, Lalitha. 1992 M.S. "The effect of treatment with Lovastatin on lipid metabolism in Zucker rats".
8. ZHU, Xiulian. 1993. M.S. “The role of zinc level in pregnancy-induced insulin resistance in rats”.
9. MIKHAIL, Victoria. 1993. M.A. “Nutrition knowledge and eating patterns of grade school students”.
10. LU, Huiqing. 1994. M.S. "Weight cycling and aging on body weight regulation in rats".
11. KOMORNY, K.A. 1994. M.S. "Comparison of nutrition knowledge regarding the American Diabetes Association Exchange System with body weight and nutrient intake in type II diabetic patients in a community hospital".
12. SIDDIK, A. 1995. M.A. “The effects of weight cycling on body protein and calcium concentrations in rats.”
13. HUSEK, M. 1995. M.A. “Evaluation of a self-report questionnaire for detection

of nutritional deficiencies in the diets of adolescents and young adults.”

1. BUISON, A.M. 1995. M.S. “The effects of high fat feeding of different fatty

acids during pregnancy and lactation on maternal metabolism, milk fatty acid

composition, and offspring development in rats.”

1. WEBBER, M.L. 1996. M.S. "The impact of cyclical stress on metabolic disorders and body fat distribution in female rats."
2. PELLIZZON, M.A. 1996. M.S. "Body weight regulation in young and aged female Wistar rats."
3. BROWN, J.J. 2000. M.S. “Gender differences in response to high fat feeding

and exercise in rats.”

1. Brogan, K. 2004. M.S. “Dietary fiber and its effect on dietary obesity in rats”
2. OU YANG, H-M. 2004, M.S. “Effect of human adenovirus Ad-36 infection on rat

obesity.”

1. ALI, A. 2006, M.S. “Inter-generational effects of peri-natal exposure of omega-3 fatty acids malnutrition on bio-chemical parameters in rats.”
2. DOWHAN, L.M. 2006, M.S. “Omega-3 fatty acid supplementation during pregnancy and lactation and its effects on the auditory brainstem response in young rats”
3. Moncion, R. 2006, M.A. “Nutrition knowledge and sports participation in high school studies.”
4. LaFata, D.K. 2006, M.A. “Hypertension and nutrient intake patterns in an urban, inner-city, African American population.”
5. MIKATI, N. 2009, M.S. “Dose response to antenatal corticosteroid exposure in rat offspring”
6. YEH, Y. 2009, M.S. “Effectiveness of nutrition intervention in a selected group of African American preschoolers”
7. SUBIH, H. 2011, M.A. “Assessment of caloric intake, weight status of preschool children in two day care centers in the Detroit area and the racial disparities among the children.”

1. Elserfy, E. 2012, M.A. “An Analysis of Food Consumption Patterns in Urban

Adult Egyptians

1. AKIL, N. 2013, M.S. “Evaluation of effectiveness of classroom-based nutrition

intervention on changes in eating behavior in African American parents/caregivers

and their children

1. FLETCHER, E. 2013, M.S. The effect of alpha-cyclodextrin on acute blood lipid and glycemic responses to a fat containing meal.
2. SHERWIN. A. 2013. M.A. Pulse crops: health benefits and impact on chronic disease.
3. TANG, J. 2014, M.S. Desk Jockey: A Device to Increase Non-exercise Activity

Thermogenesis (NEAT) in Adults

1. FATEMA, D. 2014, M.S. Compare effects of diets made with different saturated fatty acids on body weight regulation and metabolism in Wister rats
2. FITE, A. 2016, M.PH (Public Health/Family Medicine) Vitamin D and vitamin C status modify the effect of diabetes and metabolic syndrome on kidney disease in obese individuals

**2. Dissertation Directed:**

1. ZHONG, Shaobin, Nutrition and Food Science, Ph.D. 1992. “Metabolic alterations after repeated pregnancy without lactation and the long-term impact on offspring in rats”.

1. RAWANA, Sherlock. Nutrition and Food Science/Physiology, Ph.D. 1994. "The rffect of dietary fiber on carbohydrate digestion in pregnant and lactating rats and their offspring".
2. UHLEY, Virginia. Nutrition and Food Science, Ph.D. 1995 “Long-term metabolic consequences associated with body weight cycling and meal frequency in high-fat fed female and male Sprague-Dawley rats”.
3. DEUTSCH, Diane D. Nutrition and Food Science/Biochemistry, Ph.D., 1996. "Characterization of α2HSG, a natural inhibitor of human insulin receptor tyrosine kinase".

1. KRANIAK, Janice. Nutrition and Food Science, Ph.D. 1997. "Effect of docosahexaenoic acid on thrombin stimulated tissue plasminogen activator and plasminogen activator inhibitor secretion in cultured human umbilical vein endothelial cells."

1. BUISON, Anne. Nutrition and Food Science, Ph.D. 2002. “Leptin injections

following a weight reduction in diet-induced obese rats do not prevent weight and

fat regain and cause metabolic alterations.”

## PELLIZZON, Michael. Nutrition and Food Science, Ph.D. 2002. “Effect of a

modified milk fat diet containing variable levels of calcium on lipid metabolism and

calcium retention in hamsters.”

1. BARNES, Maria J. Nutrition and Food Science, Ph.D. 2003. “The role of

endogenous opioids in obesity induced hypertension”.

1. Brogan, Kathryn E. Nutrition and Food Science, Ph.D., 2008. “Weight status in African American Female adolescents living in Detroit: investigating the individual, parental and community factors”.
2. Waller, Sandia M. Nutrition and Food Science, Ph.D., 2008, “Prevalence of night eating syndrome in select metro Detroit population”.
3. YEH, Yulyu. Nutrition and Food Science, Ph.D. May 2014 “Metabolic syndrome prevalence in obese African American adolescents”.
4. ALQAHTANI, S. Nutrition and Food Science, Ph.D. Dec. 2017 “Development of an Arab food frequency questionnaire and examination of changes in dietary patterns in Arab immigrant women to the United States”.
5. SAWYER, L. Nutrition and Food Science, Ph.D. Dec. 2017 “Effects of dietary intake of antioxidants and omega-3 fatty acids on free radical production in children at various stages of chronic kidney disease”.

1. TANG, J. Nutrition and Food Science, Ph.D., Dec. 2018 “Formulating synbiotics supplement to improve healthy gut microbiota growth”
2. ALHASSANI, WE. Nutrition and Food Science, Ph.D., Dec. 2018 “The effects of a high fiber beta glucan Talbina meal on emotional well-being, health-related quality of life, and nutritional status among Arab refugees in metropolitan Detroit”.

16. AL-HARBI, N. Ph.D. expected April 2021 “The Effects of Vitamin D and Omega-

3 Fatty Acid supplementation on Biomarkers in Arabs with Cardiovascular Diseases

Residing in the United States”

**3. Dissertation Committee Member:**

NYGAARD, Shirley, Psychology, "Adult pup and intralitter interactions at 3 red fox prairie den". Ph.D., 1990.

WAHBY, Mona, Nutrition and Food Science, Ph.D. 1991. "Early biochemical events in the captan induction of rat gastrointestinal cell proliferation".

YOUNG, Mariann J., Psychology, Ph.D. 1993. “The assessment of disordered eating in third, fourth and fifth grade children”.

DAWKINS, Norma L. Nutrition and Food Science, Ph.D. 1994. "Studies on the extractability; structural and physicochemical properties of oat gum/ß-glucan".

JAROSZ, Patricia A. School of Nursing, The University of Michigan, Ph.D. 2001

“The effects of kappa opioid receptor antagonism on binge eating behavior in a

biobehavioral animal model of obese binge eating”.

HAQUE, Rubina. Nutrition and Food Science, Ph.D. 2002. “Microarray analysis

of gene expression in tumors from rats fed low-calorie diets”.

BAUER, Dina A. Nutrition and Food Science, Ph.D. “GeneChip® microarray

analyses of inflammation related gene expression in response to hypertension and cholesterol/oxidized cholesterol supplementation in spontaneously hypertensive stroke prone rats”

VANGIPURAM, Sharada D. Nutrition and Food Science, Ph.D. 2003.

“Effect of human adenovirus Ad-36 infection on preadipocytes: differentiation and

viral gene expression”.

HATAHET, Wael. Nutrition and Food Science, Ph.D. 2004.

“Regulation of reverse cholesterol transport pathway by fatty acids”

Fassinger, Nancy C. Nutrition and Food Science, Ph.D. 2004.

“Vitamin A metabolism in children with end stage renal disease: indicatiors of

toxicity or deficiency?”

Hill-Pryor, Crystal D. Physiology, Ph.D. 2005

“The leptin-proopiomelanocortin (POMC) regulation of cardiovascular dynamics in rats.”

RATHOD, Miloni A. Nutrition and Food Science, Ph.D. 2007

“Effects of adipogenic and non-adipogenic adenoviruses on rodent and human progenitors.”

Yamada, Naomi. Nutrition and Food Science, 2007

“Modulation of brain cholesterol metabolism by diet-induced chronic hypercholesterolemia”

Geamanu, Andrea. Nutrition and Food Science, Ph.D. 2013

“The effect of proAlgaZyme and its subfractions on lipid metabolism in diet induced hypercholesterolemic hamsters: Correlation with plasma metabolomic profile”

CANNING, C. Nutrition and Food Science, Ph.D. 2014

“Isolation and characterization of natural antimicrobials from plant and marine organisms”

KADOUH, H. Nutrition and Food Science, Ph.D. 2014

“Isolation nad characterization of α-glucosidase inhibitors from antioxidant rich red wine grapes (Vitis Vinifera)”

TAHLAN, V. Nutrition and Food Science, Ph.D.

“Development of essential oil based silver nanoparticle conjugates and their effect on Listeria Monocytogenes biofilms”

MAFIZ, AI. Nutrition and Food Science, Ph.D.

“Investigating antiboitoc resistance in urban agricultural environment”

REHEB, C. Nursing, Ph.D.

“binge eating behavior among young adults”

AI, Q. Nutrition and Food Science, Ph.D.

“The Effects of Dietary Intervention with Promising Probiotics on Obesity and Metabolic Disorders among Overweight and Obese People”

YANG, F. Nutrition and Food Science, Ph.D.

“Metabolic profiling for identification of novel biomarkers and mechanisms involved in Eubacterium hallii-induced anti-obesity activities”

**4. BMS essay directed**

Radgowski, Amy. Medical Sciences, 2007

“Obesity: An overview of etiologies”

**5. Undergraduate Honor thesis directed**

SOHI, Nazmine, Nutrition and Food Scinece and University Honor Program, April 2015

“Night eating syndrome”

GURKA, Brooke. Nutrition and Food Scinece and University Honor Program, 2015

“Echinacea's effectiveness as an herbal supplement acting as an immunomodulator,

antimicrobial/antioxidant, and a cold reducer

YOSKOVICH, D. Accounting and University Honor Program, April 2018.

**E. Course or Curriculum development**

1986-87 $1,170

Wayne State University Educational Development Grant. "Development of a Graduate Course: Nutrition and Physical Performance in the Department of Nutrition and Food Science"

Jen, K-L.C.

2006-2007

Wayne State University Innovative Technology Grant

D. Carl Freeman, David L. Njus, K-L. Catherine Jen

“Development of an Interactive Online Version of Expermental Design and Data

Analysis”

# Course Materials (Unpublished)

N/A

# Teaching Award

2000 “Excellence in Teaching” award, College of Science

**II. RESEARCH**

**A. Research in Progress, Not Funded**

**B. Funded Research in Last Five Years**

**(See below)**

**C. Fellowships/Grants/Special Awards in Last Five Years:**

3/1/2014 – 12/31/2016 $150,000

Center for Urban Responses to Environmental Stressors Pilot Project Program, Institute of Health Sciences, Wayne State University

Novel exposure signatures for mercury intoxication of the immune system”

Stemmer, Paul (PI), Jen, K-LC. Co-investigator (3% effort)

08/31/2012 - 07/31/2014 $300,000

1R21ES021285

NIH

“Understanding the influence of n-3 PUFA on pro-inflammatory aspects of mercury”

 Rosenpire, A. (PI), Jen, K-LC. Co-Investigator (5% effort)

9/28/2009-6/30/2014 $5,707,802

1U01HL097889-01

NIH

“Interventionist procedures for adherence to weight loss recommendations in black adolescents”

Jen, K-L. C and Naar-King, S. Co-Principal Investigators

9/2010-9/2011 $10,000

City of Detroit Department of Health and Wellness Promotion

“Eating for Heart Health (E4H2): A kiosk-based public health education and primary care

feasibility study”

Gleason-Comstock, J., Principal Investigator

Jen, K-L. C., Co-Investigator

Oct. 2009 – Mar. 2010 $100,000

Wayne State University/Henry Ford Health System INPHAASE program

“Assessments of health status in preschoolers: A feasibility study”

Jen, K-L.C., Principal Investigator

June 2008-Dec 2009 $235,000

Wayne State University Research Enhance Program

“Reducing health disparities due to overweight and poor nutrition: An eco-social intervention for obesity prevention in early childhood”

Jen, K-L.C., Principal Investigator

Jul. 2005-June. 2008 $733,976

American Diabetes Association

“Adapting multisystemic therapy to improve food choices and health outcomes in obese

African American youth”

Naar-King, Sylvie, Principal Investigator

Jen, K-L. C., Co-investigator

Dec. 2004- Nov. 2007 $304,200

The Gerber Foundation

“Beneficial/harmful effects of omega-3 fatty acids supplement during pregnancy and lactation on the offspring’s auditory brainstem response (ABR) in rats”

Jen, K-L.C., Principal Investigator

Church, M., Co-Investigator

2002-2003 $74,930

Egg Nutrition Center

“Short-term effect of eggs on satiety in overweight and obese subjects”

Dhurandhar, N.V., Principal Investigator

Jen, K-L.C., Co-investigator

2001-2004 $1,490,000

National Institutes of Health

“Effects of nurse-managed transtelephonic BP monitoring”

Artinian, Nancy, Principal Investigator

Jen, K-L.C., Co-investigator

2002-2003 $75,659 (direct cost)

Blue Cross Blue Shields of Michigan

“An intervention study using patient education and decision making for community based

weight management program for the medically underserved”

Dobal, May and Wilson, Feleta, Principal Investigator

Jen, K-L.C., Co-investigator

2001-2002 $149,000

National Institutes of Health/NCI RO3 CA89761

“Weight loss in obese breast cancer survivors”

Djuric, Zora, Principal Investigator

Jen, K-L. C., Co-investigator

1999-2001 $164,910

American Institute for Cancer Research

“Mechanism of weight cycling-induced oxidative DNA damage in rat mammary gland”

Jen, K-L.C., Principal Investigator

1995-1999 $120,000 Direct Cost

NIH-MBRS

“Body weight cycling in young and old rats”

Jen, K-L.C., Principal Investigator for sub-project

Dunbar, Joseph: Project Director

1997-1998 $15,000

Thomas Foundation

“Dietary fatty acids and the development of diabetes”

Jen, K-L.C., Principal Investigator

1998-1999 $7,000

Wayne State University Faculty Research Fund

“Dietary fatty acids and the development of diabetes”

Jen, K-L.C., Principal Investigator

1995-1996 $21,100

Wayne State University, Graduate Research Assistant Award

“Stress induced alteration in body fat distribution in rats”

Jen, K-L. C., Principal Investigator

1995-1995 $15,000

Weight Watchers Foundation, Inc.

“Body weight cycling and set point theory in rats”

Jen, K-L.C., Principal Investigator

1995-1996 $10,000

Wayne State University, Interdisciplinary Research Fund

“The comparative effects of prenatal cocaine, alcohol and undernutrition on body

composition in the rat fetus”

Jen, K-L.C. and Church, Michael, Co-Principal Investigators

1991-94 $66,155

NIH-MBRS GM 08167-13

"Fructose feeding: Long-term effects on carbohydrate and lipid metabolism in rats"

Jen, K-L.C., Principal Investigator

Dunbar, Joseph: Project Director

1988-93 $336,750 Direct Cost

National Institutes of Health, DK 40046

"Nutrition, obesity and gestational diabetes in rats"

Jen, K-L.C., Principal Investigator

1989-90 $18,500

Career Development Chair Award

Wayne State University

1991-94 $215,000

VA-Merit Grant

"Mechanism, triglyceride reduction during inhibition of cholesterol synthesis"

Kasim, S., Principal Investigator

Jen, K-L.C., Co-Investigator

1989-90 $5,000

Gerber Companies Foundation

"Development aspect and carbohydrate metabolism in offspring delivered to the hyperglycemic dams".

Jen, K-L.C., Principal Investigator

1990-95 $512,301 Direct and Indirect Cost

NIH HL41991

"Mechanisms of atherogenic lipid response to W-3 fish oils"

Kasim, S., Principal Investigator

Jen, K-L.C., Co-Investigator

1989-91 $41,915 Direct Cost

NIH-MBRS

"Body weight 'yo-yo' phenomena: metabolic consequences in young and aging rats"

Jen, K-L.C., Principal Investigator

Dunbar, Joseph, Project Director

1988-89 $23,400

American Heart Association of Michigan

"Exercise and risk factors in genetically obese rats"

Jen, K-L.C., Principal Investigator

1987-88 $12,000

Wayne State University Graduate Research Assistantship

"Exercise: Prevention and treatment of obesity".

Jen, K-L.C.

1986-87 $6,000

Wayne State University Research Award Program

"Effects of dietary fiber on carbohydrate metabolism in aging rats"

Jen, K-L.C.

1986-1987 $5,433

R.P. Scherer Co.

"Effects of omega-3 fatty acids on feeding on blood lipid levels and body composition in genetically obese rats".

Jen, K-L.C.

1986-87 $8,104

Wayne State University, Minority Faculty Research Award

"Diet composition lipid profile and weight regulation"

Jen, K-L.C.

1986-87 $15,030

Diabetes Treatment Centers of America Foundation

"Effects of dietary supplementation with omega-3 fatty acids of plasma lipids, tissue sensitivity to insulin and glycemic control in non-insulin dependent diabetes".

Kasim, S. and Jen, K-L.C.

1985-87 $2,500

Gerber Products

"Infantile Obesity: Effects on adult body weight regulation and carbohydrate metabolism in rats".

Jen, K-L.C.

1985-86 $5,000

Wayne State University Bio-Medical Research Award

"Weight reduction, body composition and the regulation of food intake in the dietary obese rats"

Jen, K-L.C., Principal Investigator

1985-86 $17,789

American Diabetes Association, Michigan Affiliate

"Effects of non-lactation on subsequent onset of gestational diabetes in rat - an animal model to study human gestation diabetes".

Jen, K-L.C.

1985-86 $3,000

Wayne State University Research Award

"The effect of high-fat feeding on feeding efficiency, adipose tissue cellularity and carbohydrate metabolism in rat"

Jen, K-L.C.

1984-86 $520,000

National Institutes of Health

"Obesity and regulation of appetite"

Hansen, B.C., Jen, K-L. C. and Pek, S.B.

1981-84 $15,000

Gerber, Inc.

"Behavioral regulation of appetite in monkeys"

Jen, K-L.C. and Hansen, B.C.

**D. Grant Application not Funded**

2008-2013 $1,816,157

National Institutes of Health

“School-based interventions to prevent obesity”

Xu, Xiaoxin, Principal Investigator

Jen, K-L. C. Co-Investigator

2008-2011 $400,000

National Institutes of Health

“Vitamin D and micronutrient supplementation in prediabetes for diabetes prevention”

Hamdee, Attallah, Principal Investigator

Jen, K-L.C. Co-Investigator

**E. Grant Application submitted**

2017-2022 $3,309,019

National Institutes of Health

“Socioeconomic strain and health disparities in Middle Eastren refugees: The mediating role of

Inflammation and potentiating effects from western diet”

Arnet, Bengt B.: Co-Principal Investigator

Jen, K-L. C.: Co-Principal Investigator

17th percentile, pending for the Council meeting decision in March 2017.

2017-2022 $3,596,472

National Institutes of Health

“Epigenetic Pathways Contributing to Decreased Biopsychosocial Stress Resilience and Increased Mental Health Symptoms in Individuals in Disadvantaged Neighborhoods”

Arnetz, BB.: Prinicipal Investigator

Jen, K-LC.: Co-Investigator (Other Co-Investigators: Arnetz JE, Cui Y, Jamil H, Lydic T, Ruden

DM, Janisse J, Stemmer P)

**III. PUBLICATIONS**

**A. Scholarly Books Published**

N/A

**B. Chapters Published:**

**1. Authored:**

1. Jen, K-L.C. Characterization of adipose tissue in obese monkeys. Controversies in Obesity, Hansen, B. C. (ed.), New York: Praeger, 1983, pp. 130-141.

2. Jen, K-L.C. Nutrition and weight management. Proceedings of the 3rd Asian-Oceania Conference on Obesity. 2006, pp. 89-106.

**2. Co-Authored:**

3. Hansen, B.C. and Jen, K-L.C. Caloric intake and weight changes in adult rhesus monkeys. Primates in Nutritional Research , Hayes, K.C. (ed.) New York: Academic Press, 1979, pp. 59-71.

4. Hansen, B.C., Vinik, A., Jen, K-L.C., Schielke, G.P., Wolfe, R.A. and Usher, K. Factors affecting plasma concentrations of somatostatin-like immunoreactivity (SLI) in rhesus monkeys. Neuropeptide Hormones, Snaderoff-Aalbers, J. (ed.) London: Churchill Livingstone, Inc., 1981, pp. 44-55.

5. Hansen, B.C., Jen, K-L.C., and Brown, N. Regulation of food intake and body weight in rhesus monkeys. The Body Weight Regulatory System: Normal and Disturbed Mechanisms. New York: Raven Press, 1981, pp. 69-72.

6. Schwartz, J., Jen, K-L.C. and Hansen, B.C. Insulin sensitivity in vivo and in vitro in obese and not-obese monkeys. Controversies in Obesity, Hansen, B.C. (ed.) New York: Praeger, 1983, pp. 142-151.

7. Uhley, V., Jen, K-L.C. Nutrition and weight management in cancer survivors. In Handbook of Cancer Survivorship, Feuerstein, M. (Ed), New York: Springer, 269-285, 2007.

8. Brogan, KE., Jen, K-L.C. Nutrition in the elderly. In Hankbook of Assessment in Clinical Gerontology, Lichtenberg, PA (Ed), Amsterdam: Elsevier, 357-380, 2010.

9. Uhley, V., Jen, K-L.C. Nutrition and weight management in cancer survivors. In Handbook of Cancer Survivorship, 2nd edition, Feuerstein, M. (Ed), New York: Springer, 269-285, 2018.

**C. Editorships of Books/Proceedings**

N/A

**D. Journal Articles:**

**1. Refereed Journals:**

10. Jen, K-L.C., and Wehmer, F. Effects of thyroxin on infant development of undernourished rats. Develop. Psychobiol. 10:87-95, 1977.

11. Bertino, M., Jen, K-L. C., Morofski, J., and Wehmer, R. A new method of marking animal subjects for easy identification. Behav. Res. Methods Instrumentation, 9:564, 1977.

12. Wehmer, F., Jen, K-L.C., and Graca, J. Conditioning of fine motor control in neonatally undernourished rats. Life Sci., 21:1521-1526, 1977.

13. Jen, K-L.C., Wehmer, F. and Morofski, J. Effects of undernutrition and litter size on maternal variables and pup development. Develop. Psychobiol., 11:279-287, 1978.

14. Wehmer, F. and Jen, K-L.C. The effects of litter size during gestation and lactation on rat development prior to weaning. Develop. Psychobiol., 11:353-360, 1978.

15. Wehmer, F. Bertino, M., and Jen, K-L.C. The effects of dietary obesity on reproduction and test preference in female rats. Behav. Neural, Biol., 27:120-124, 1979.

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**E. Papers Published in Confeence Proceedings**

None

**F. Translations of Other Authors Published**

None

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N/A

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N/A

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N/A

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N/A

**L. Paper Presented**

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27. Hansen, B.C., Jen, K-L.C. and Metzger, B.L. Sustained overfeeding of monkeys reduced oral glucose disposal despite increased insulin levels in monkeys. FASEB. St. Louis, Missouri, April, 1984.

28. Metzger, B.L., Jen, K-L.C. and Hansen, B.C. Impaired glucose tolerance and enhanced sensitivity to insulin in obese diabetic rhesus monkeys. Am. Diabetes Assoc., Las Vegas, Nevada, June, 1984.

29. Bodkin, N.L., Jen, K-L.C., Russell, T.A. and Hansen, B.C. Altered feeding efficiency by palatable diets in rhesus monkeys. N. Am. Assoc. Study Obesity, Seattle, Washington, September, 1984.

30. Schwartz, J., Jen, K-L.C., and Hansen, B.C. Changes in insulin response in adipocytes from

monkey with obesity progressing to diabetes. N. Am. Assoc. Study Obesity, Seattle, Washington, September, 1984.

31. Metzger, B.L., Bodkin, N., Jen, K-L.C. and Hansen, B.C. Effect of high protein enteral formulas on appetite. Am. Soc. Parent. Enter. Nutr. Miami, Florida, January, 1985.

32. Jen, K-L.C., and Hansen, B.C. Changes in feeding efficiency during overfeeding (OF) in rhesus monkeys. FASEB, Anaheim, California, April 1985.

33. Harman, D.M., Jen, K-L.C., and Hansen, B.C. Longitudinal development of obesity as a function of age and body weight in male rhesus monkeys. Am. Primatol. Soc., Atlanta, Georgia, June 1985.

34. Hansen, B.C., Jen, K-L.C., Schwartz, J., Harman, D. and Bodkin, N. Adipose tissue distribution and adipocyte metabolism in a non-human primate model of spontaneous obesity. Int. Symp. Metabol. Complications Human Obesities, Brighton, England, June, 1985.

35. Metzger, B.L., Bodkin, N.L., Jen, K-L.C. and Hansen, B.C. Reduced insulin sensitivity and

clearance rates characterize early NIDDM in the obese monkey. Joint Conf. Obesity and NIDDM, Toronto, Canada, October, 1985.

36. Jen, K-L.C., Metzger, B.L. and Hansen, B.C. Reduced oral glucose (G) disposal in overfed obese monkeys. Joint Conf. Obesity and NIDDM, Toronto, Canada, October, 1985.

37. Bodkin, N.L., Hansen, B.C. and Jen, K-L.C. Weight reduction and regain in spontaneously obese monkeys FASEB, St. Louis Missouri, April, 1986.

38. Jen, K-L.C. and Piro, G. Effects of infantile obesity (IO) and high-fat (HF) feeding on carcass composition in adult rats. FASEB, St. Louis, Missouri, April, 1986.

39. Harman, D.M., Bodkin, N.L., Jen, K-L.C. and Hansen, B.C. Obesity and the development of non-insulin dependent diabetes mellitus (NIDDM) in male rhesus monkeys (Macaca mulatta). Am. Primatol. Soc., Anaheim, California, August, 1986.

40. Jen, K-L.C. and Juuhl, N. Effect of repeated pregnancy without lactation on body composition in rats. FASEB Annual Meeting, Washington, D.C., March, 1987.

41. Uhley, V.E. and Jen, K-L.C. The changes in feeding efficiency and carcass composition in adult rats on repeated high fat feeding. FASEB Annual Meeting, Washington, D.C., March, 1987.

42. Kasim, S. and Jen, K-L.C. Effects of diet composition on weight maintenance and adipose tissue lipoprotein lipase activity in rats. FASEB Annual Meeting, Washington, D.C. March, 1987.

43. Hansen, B.C., Bodkin, N.L., Schwartz, J. and Jen, K-L.C. B-cell responses, insulin resistance, and the natural history of Type II diabetes in obese rhesus monkeys. Presented to Lessons from Animal Diabetes II, Second International Workshop, Geneva, Switzerland, Sept. 1987.

44. Jen, K-L.C. and Lin, P.K.H. Hyperglycemia in pregnancy induced by repeated pregnancy

without lactation in rats. North American Association for the Study of Obesity, Oct. 1987.

45. Jen, K-L.C., Kasim, S., Alexander, M., Zhong, S., and Rose, K. Effects of omega-3 fatty

acids feeding on body weight and lipid levels in genetically obese rats. FASEB Annual Meeting, May 1988.

46. Jen, K-L.C., Zhong, S., Dubrinsky, M., Almario, R., and Rose, K. Repeated pregnancy

without lactation: effects on subsequent pregnancy outcome and maternal body composition. FASEB Annual Meeting, March, 1989.

47. Zhong, S., Almario, R. and Jen, K-L.C. Body fat redistribution induced by swimming in genetically obese rats. 6th Annual meeting of North American Association for the study of obesity, Bethesda, Maryland, September, 1989.

48. Jen, K-L.C., Rochon, C., and Whitcomb, L. Fructose feeding induces hyperglycemia during gestation in rats. FASEB Annual Meeting, April, 1990.

49. Aaronson, R., Almario, R., Ilagan J., and Jen, K-L.C. Effect of ad-libitum ingestion of aspartame on the phenylalanine levels of maternal pup plasma and milk samples. FASEB Annual Meeting, April, 1990.

50. Ilagan, J. and Jen, K-L.C. Changes in feeding efficiency in high fat fed weight cycling rats. 1990 NIH-MBRS-MARC Symposium.

51. Jacobs, D.B., Jen, K-L.C., Frymire, C., Rydstedt, L.L., Sowers, J.R. and Grunberger, G. Advantages of moderate versus severe caloric restriction in very low calorie diet programs. The 23rd Endocrine Society Meeting, 1991, p. 229. 795A.

52. Jacobs, D.B., Jen, K-L.C., Frymire, Grunberger, G., Rydstedt, L.L. and Sowers, J.R. Effect of weight reduction on blood pressure, and serum glucose levels in obese individuals with hypertension. American Federation of Clinical Research Annual Meeting, May, 1991.

53. Ilagan, J., Archer, P., Bhutani, V. and Jen, K-L.C. Estimation of body composition changes during weight change by bioelectric impedance analysis in rats. FASEB Annual Meeting, April, 1991.

54. Almario, R., Zhong, S. and Jen, K-L.C. Effects of long-term physical training and retirement on body fat distribution and metabolic profile in genetically obese rats. FASEB Annual Meeting, April, 1991.

55. Zhong, S., Whitcomb, L. and Jen, K-L.C. Elevated phosphoenolpyruvate carboxykinase (PEPCK) activities in the offspring from dams with repeated pregnancy without lactation. FASEB Annual Meeting, April, 1991.

56. Clark, K., Parveen, M., Rawana, S. and Jen, K-L.C. The differential effects of fructose and glucose ingestion on pregnancy outcome in rats. FASEB Annual Meeting, April, 1991.

57. Jen, K-L.C. Alamario, R., and Zhong, S. Increase followed by reduction in energy expenditure induced fat redistribution in rats. North American Association for the study of Obesity Annual Meeting, October, 1991.

58. Ilagan, J. and Jen, K-L.C. Metabolic effects of weight cycling in high fat fed rats. 1991 NIH-MBRS-MARC Symposium.

59. Guo, F., Zhong, S and Jen, K-L.C. High fat feeding during pregnancy affects pregnancy outcome in rats. FASEB Annual Meeting, April, 1992.

60. Rawana, S., Clark, K., Buison, A., Chackunkel, S. and Jen, K-L.C. Effects of fructose ingestion during pregnancy and lactation on the offspring in rats. FASEB Annual Meeting, April, 1992.

61. Uhley, V.E., Zhong, S. and Jen, K-L.C. Differential effects of a high-fat diet and meal feeding on adult male and female rats. FASEB Annual Meeting, April, 1992.

62. Uhley, V., Zhong, S., Rawana, S. and Jen, K-L. C. Meal feeding and ad-libitum feeding did not produce metabolic differences in high-fat fed male rats. Annual Meeting, North American Association for the Study of Obesity, September, 1992.

63. Buison, A., Chackunkal, S., Rawana, S. and Jen, K-L. C. Carbohydrate supplementation in drinking water affects pregnancy outcome in rats. MARC/MBRS Symposium, 1992.

64. Jen, K-L. C. and Zhong, S. Adult offspring from previously non-lactating rats had impaired carbohydrate metabolism. Experimental Biology ’93 Annual Meeting, April 1993.

65. Guo, F., Rawana, S., Watkins, A. and Jen, K-L. C. High fat feeding in pregnancy and lactation affects offspring metabolism in rats. Experimental Biology ’93 Annual Meeting, April 1993.

66. Zhu, X., Jen K-L. C. and Lee, D-Y. The role of dietary Zn level in pregnancy-induced insulin resistance in rat. Experimental Biology ’93 Annual Meeting, April 1993.

67. Jen, K-L.C., Buison, A. and Rawana, S. Estimation of body composition using total body electrical conductivity in weaning rats. North American Association for the Study of Obesity Annual Meeting, Oct., 1993.

68. Lu, H., Buison, A. and Jen, K-L.C. Weight cycling induced by ad-lib and restricted feeding of a high-fat diet did not enhance rate of weight gain in rats. FASEB, Annual meeting, April, 1994.

69. Rawana, S.P., Buison, A., Watkins, A. and Jen, K-L.C. Effects of fructose and fiber ingestion on pregnancy outcome in rats. FASEB Annual meeting, April, 1994.

70. Guo, F., Lu, H., Buison, A., Watkins, A., Shaw, M. and Jen, K-L.C. Weight cycling induced by ad-lib and restricted high fat feeding reduces body weight but not total body fat in rats. North American Association for the Study of Obesity, Oct., 1994.

71. Uhley, V., Rawana, S., Lu, H., Buison, A., Guo, F., Savona, L. and Jen, K-L.C. Long term

consequences of weight cycling and meal feeding on body weight and percent body fat in Sprague-Dawley rats. FASEB Annual Meeting, April, 1995.

72. Guo, F., Buison, A., Uhley, V., Watkins, A., Shaw, M. and Jen, K-L.C. Weight cycling and restricted feeding increase internal fat mass in rats. FASEB Annual Meeting, April, 1995.

73. Buison, A., Guo, F., Lu, H. and Jen, K-L.C. Dietary fatty acid composition during

pregnancy and lactation affects milk, adipose tissue and carcass fatty acid compositions in rats. FASEB Annual meeting, April, 1995.

74. Buison, A. and Jen, K-L.C. Dietary fatty acid (FA) composition during pregnancy and lactation affects offspring metabolism and body composition in rats. North American Association for the Study of Obesity Annual Meeting, Oct., 1995.

75. Guo, F., Buison, A., Watkins, A., Shaw, M. and Jen, K-L.C. Weight cycling and restricted feeding with constant final body weight did not alter blood insulin vs. glucose ratios. North American Association for the Study of Obesity Annual Meeting, Oct., 1995.

76. Uhley, V., Pellizzon, M., Buison, A., Guo, F., Djuric, Z. and Jen, K-L.C. Chronic weight-cycling increases oxidative DNA damage levels in mammary gland of female rats fed a high-fat diet. Cancer Research Annual meeting, 1996.

77. Pellizzon, M., Guo, F., Buison, AN., Peacock, J. and Jen, K-L.C. Weight cycling in aged rats alters rate of weight regain and loss and feeding efficiency. FASEB Annual meeting, April, 1996.

78. Buison, A. and Jen, K-L.C. Dietary fatty acid (FA) composition during pregnancy and lactation alters offspring carcass FA composition in rats. FASEB Annual meeting, April, 1996.

79. Pellizzon, M., Buison, A., Guo, F., Watkins, A., Jen, K-L.C. The effect of weight cycling and age on fasting insulin and glucose levels of aging rats. North American Association for the Study of Obesity Annual Meeting, Oct., 1996.

80. Buison, A., Pellizzon, M., Fried, S. and Jen, K-L.C. Body weight gain after food deprivation depends on baseline plasma leptin levels in rats. FASEB Annual meeting, April, 1997.

81. Buison, A., Pellizzon, M and Jen, K-L.C. Diet composition and age affect plasma leptin levels in normal female Wistar rats. North American Association for the Study of Obesity Annual Meeting, Oct., 1997.

82. Pellizzon, M., Buison, A., Jen, K-L.C. Short-term weight cycling in rats does not affect plasma leptin levels. North American Association for the Study of Obesity Annual Meeting, Oct., 1997.

83. Buison, A., Pellizzon, M and Jen, K-L.C. Diet composition and age affect plasma leptin levels in normal female Wistar rats. North American Association for the Study of Obesity Annual Meeting, 1997.

84. Pellizzon, M., Buison, A., Jen, K-L.C. Short-term weight cycling in rats does not affect plasma leptin levels., North American Association for the Study of Obesity Annual Meeting, 1997.

85. Buison, A., Ordiz, F. Jr., Pellizzon, M., Jen, K-L.C. Leptin has a short-term effect on body

weight gain and food intake upon refeeding in weight-reduced rats. FASEB Annual Meeting, 1998.

86. Heil, S.H., Wang, R., Subramanian, M.G., Jen, K-L.C. Maternal alcohol abuse during lactation and dam nutritional status. AAA Annual meeting, 1998.

87. Pellizzon, M., Buison, A., Jen, K-L.C. Short-term weight cycling (WC) above and below a baseline body weight affects adipose tissue lipoprotein lipase activity differently in aged female Wistar rats. FASEB Annual Meeting, 1999.

88. Buison, A., Ordiz, F. Jr., Pellizzon, M., Jen, K-L.C. Conjugated linoleic acid in a high fat

diet lowers IGF-1 levels but has no effect on body fat upon refeeding in weight-reduced rats. FASEB Annual Meeting, 1999.

89. Pellizzon, M.A., Buison, A. and Jen, K-L.C. Short-term weight cycling in aging female rats increase rate of weight gain but not body fat content. NAASO Annual meeting, 2000.

90. Pellizzon, M., Buison, A., Brown, J., Jen, K-L.C. Exercise in male rats ameliorated

metabolic alterations induced by high fat diets made with soybean or palm oil. Experimental Biology Annual Meeting, 2000.

91. Buison, A., Pellizzon, M., Ordiz, F. Jr., Buison, E., Llonillo, M. and Jen, K-L.C. Early

exposure to a diet high in linoleate may promote obesity in rats. Experimental Biology Annual Meeting, 2000.

92. Buison, A., Pellizzon, M., Jen, K-L. C. Intermittent peripheral leptin treatment in weight-

reduced obese rats induced both insulin and leptin resistance without changes in body weight. NAASO Annual meeting, 2000.

93. Djuric, Z., Di Laura, N., Mood, D., Jenkins, I., Jen, K-L.C., Hryniuk, W.M. Strategies

for weight loss in obese breast cancer survivors. American Society of Clinical Nutrition Annual Meeting, 2001.

94. Pellizzon, M., Santa Ana, L., Buison, E., Redley, K., Buison, A., Jen, K-L.C. Effect of a

modified milk fat diet with varying levels of calcium on plasma and hepatic cholesterol levels in male Golden Syrian hamsters. Experimental Biology Annual Meeting, 2001.

95. Buison, A., Buison, E., Santa Ana, L., Pellizzon, M., Jen, K-L.C. Leptin treatment with high fat feeding causes insulin resistance and negative changes in body composition in weight-reduced obese rats. Experimental Biology Annual Meeting, 2001.

96. Buison, A., Pellizzon, M., Buison, E., Redley, K., Brogan, K., Barnes, M. and Jen, K-L.C. Weight cycling did not increase tumor incidence induced by low-dose of DMBA in high-fat fed Wistar rats. NAASO Annual meeting, 2001.

97. Pellizzon, M., Martin, J., Buison, E., Buison, A. and Jen, K-L.C. Fecal fat and calcium excretion in male Golden Syrian Hamsters fed a modified milk fat diet with varying levels of calcium. Experimental Biology Annual Meeting , 2002.

98. Jen, K-L.C., Buison, A., Darga, l., Nelson, D. The relationship between blood leptin level and bone density is specific to ethnicity and menopausal status in breast cancer cases and controls. Experimental Biology Annual Meeting, 2003.

99. Barnes, MJ., Lapanowski, K., Conley, A., Rafols, JA., Jen, K-L.C., Dunbar, JC. Opioid regulation of autonomic nervous and cardiovascular dynamics in diet induced obese rats. Experimental Biology Annual Meeting , 2003.

100. Brogan, K., Artinian, N., Flack, J., Vander Wal, J., Washington, O., Jen, k-L.C. Risk factors in community-based elderly African Americans. NAASO annual meeting, 2003.

101. Jen, K-LC., Brogan, K., Vander Wal, JS., Washsington, O., Flack, J., Artinian, N. Nutrients associated with improving blood pressure in community-based elderly African Americans. Experimental Biology annual meeting, 2004.

102. Artinian, NT, Washington OGM, Flack J, Jen K-LC, Vander Wal, JE. Experiences with telemonitoring to enhance blood pressure control in urban African Americans. Presented to State of the Science Conference, Washington D.C. 2004.

103. Brogan, K., Artiss, J., Brucal, M., Moghaddam, M., Jen, K-LC. Effects of a new soluble dietary fiber on body weight regulation in rats. Presented in the NAASO annual meeting, Las Vegas, NV, 2004.

104. Washington, O., Artinian, N., Flack, JM, Jen, K-LC., Lichtenberg, P. A longitudinal study of changes in depression and hypertension in urban African American adults. Presented to the MNRS meeting, April, 2005.

105. Jen, K-LC., Church, M., Moghaddam, M., Dowhan, L., Laja, F. Perinatal high omega-3 fatty acids intake impairs postnatal growth in rats. Presented at the Experimental Biology 05, April, 2005.

106. Church, MW., Jen, K-LC. Harmful effects of prenatal omega-3 fatty acid deficiency and excess on the neurodiagnostic auditory brainstem response (ABR): Preliminary results. Presented at the Neurobehavioral Teratology Society Annual meeting, June, 2005.

107. Moghaddam, M., Dowhan, L., Laja, F., Church, M., Jen, K-LC. The effects of early high omega-3 fatty acids feeding on the growth in adult rats. Presented at Experimental Biology 06 annual meeting, San Francisco, CA, 2006.

108. Brogan, K., Artinian, N., LaFata, D., Jen, K-LC. Telemonitoring improves nutrient intakes and blood pressure in urban African American over usual clinic care. Presented at Experimental Biology 06 annual meeting, San Francisco, CA, 2006.

109. Jen, K-L.C., Grunberger, G., Artiss, J. Interaction of FBCx and dietary fat in body weight regulation in obese patients with diabetes. Paper presented at The Obesity Society meeting, Boston, MA, 2006.

110. Artinian, NT., Nordstrom, CK., Flack, JM., Washington, OG., Jen, K-LC. Nurse-managed telemonitoring is associated with improved blood pressure at 12-months follow-up in African American. Paper presented at the American Heart Association meeting, 2007.

111. Wagner, E., Jen K-LC, Artiss J, Remaley AT. Effects of FBCx® on lipid lowering in LDLr-KO mice. Paper presented at the FASEB meeting, Washington D.C., 2007.

112. Brogan, K., Naar-King S., Ellis, D., Jen, K-LC. An intake profile of obese African American Adolescents living in Detroit, MI. Paper presented at the FASEB meeting, Washington D.C. 2007.

113. Brogan, K., Kolmodin, K., Naar-Ling, S., Ellis, D., Jen, K-L.C. Use of multisystemic therapy with obese African American Adolescents living in Detroit: Preliminary nutritional results from the Family CATCH Project. Paper presented at The Obesity Society meeting, 2007.

114. Jen, K-L.C., Wagner, EM., Artiss, J., Remaley, AT. α-cyclodextrin specifically lowers plasma trans fatty acids in 3 mouse models. Paper presented at The Obesity Society meeting, 2007.

118. Rueda JM, Kaur D, Lupu N, Khosla P, Jen, K-LC. Comparing internet- and lecture-based introductory nutrition courses on affecting changes in dietary patterns among college students: A baseline analysis. Paper presented at the Experimental Biology 09 annual meeting, New Orleans, LA, 2009.

119. Brogan K, Yeh Y, Akil N, Walker J, Danford C, Jen, K-LC. Impact of Caregiver Education and Family Income on Nutrition Status of Preschoolers Enrolled in USDA Head Start in the City of Detroit

Paper presented to The Obesity Society annual meeting, Washington, DC., 2009.

120. Danford C, Brogan K, Yeh Y, Akil N, Walker J, and Jen K-LC. Parent Perceptions of Their Preschool Child’s Weight Associated with Actual Growth Parameters. Paper presented to The Obesity Society annual meeting, Washington, DC., 2009.

121. Akil N, Brogan K, Yeh Y, Walker J, Danford C, Jen K-LC. Comparison of Food Intake Levels of A Selected Group of African American Adult Females Living in Detroit, MI with the Food Guide Pyramid Recommendations. Paper presented to The Obesity Society annual meeting, Washington, DC., 2009.

122. Danford CA, Rinehart-Lee T, Brogan K, Jen, K-L.C. Caregiver perception of an exercise program conducted in Metro Detroit Head Start schools. Paper presented to The Obesity Society annual meeting, San Diego, CA., 2010

123. Brogan K, Yeh Y, Jen K-LC. Evaluation of a nutrition intervention enhancing USDA Head Start curriculum. Paper presented to The Obesity Society annual meeting, San Diego, CA., 2010

124. Artiss, JD Jen K-LC. Alpha-cuclodextrin: Not just another fiber. Can J Diab. 35:198, 2011.

125. Yeh Y, Alexander G, Milberger S, Jen K-LC. Preschoolers’ nutrition knowledge and choices of healthy food correlated with body weight status. Paper presented to The Obesity Society annual meeting, Orlando, FL, 2011.

126. Brogan K, Naar-King S, Ellis D, Jen K-LC. Supporting autonomy of obese minority youth participating in a weight loss study: offering the choice of diet plans. Paper presented to The Obesity Society annual meeting, San Antonio, TX, Sept. 2012.

127. Jarosz PA, Artiss JD, Jen K-LC. The effect of alpha-cyclodextrin on acute blood lipid and glycemic responses to a fat-containing meal. Paper presented to The Obesity Society annual meeting, San Antonio, TX, Sept. 2012.

128. Yeh Y, Brogan K, Naar-King S, Jen K-LC. Prevalence of metabolic syndrome in obese African American adolescents and the role of fast food consumption. Paper presented to The Obesity Society annual meeting, San Antonio, TX, Sept. 2012.

129. Gleason-Comstock, J., Streater, A., Jen, Kai-Lin , C., Artinian, N. Development of a healthy eating kiosk-based feasibility study in a public health primary care clinic. American Journal of Public Health. . Supplement: 140th American Public Health Association Annual Meeting, Session 5061.0: Telehealth: Innovative Technology & Competition, Presentation Abstract 267435, 2012.

130. Yeh Y, Jen K-LC, Brogan K, Naar-King S. Elevated risk of Type 2 diabetes and hyperlipidemia but not hypertension in urban African American adolescents. Presented to the Obesity Society, Atlanta, GA, Nov. 2013.

131. Mahajam AP, Brogan K, Jacques-Tiura A, Naar-King S, Ellis D, Jen K-LC. Obese minority youth may need more than 60 minutes of physical activity per day. Presented to the Obesity Society, Atlanta, GA, Nov. 2013.

132. Brogan K, Jacques-Tiura AJ, Naar-King S, Ellis D, Jen K-LC. Continued emphasis on dietary quality is important for obese minority youth following a diet plan. Presented to the Obesity Society, Atlanta, GA, Nov. 2013.

133. Vaughan-Dark C, Ellis D, Naar-King S, Jen K-LC. Effects of depression and insulin resistance on self-efficacy for weight loss intervention among obese African American adolescents. Presented to the Obesity Society, Atlanta, GA, Nov. 2013.

134. Yeh Y, Brogan K, Naar-King S, Tang J, Jen K-LC. The relationship of serum 1,25OH2 vitamin D levels with dietary vitamin D intake in obese minority adolescents. Presented in Experimental Biology annual meeting, San Diego, 2014.

135. Tang J, Scarchilli M2, Yeh Y, Singh J, Jen K-LC. Desk Jockey: A Device to Increase Non-exercise Activity Thermogenesis (NEAT) in Adults. Presented in Experimental Biology annual meeting, San Diego, 2014.

136. Hansen, B. C., Gletsu-Miller, N. and Jen, K.L.C. Weight loss by gastric bypass in patients or by a very low calorie diet in nonhuman primates demonstrated separable nonhyperbolic trajectories for insulin secretion and insulin action. American Diabetes Association, San Francisco, CA, June, 2014.

137. Yeh Y, Brogan K, Naar-King S, Jen K-LC. Under reporting of hypertension in obese teenagers. To be presented in Experimental Biology annual meeting, Boston, MA Mar. 2015.

138. Charvet A, HartliebKB, Yeh Y, Jen K-LC. Preference for Energy Dense Snack Foods in Healthy and Overweight Minority Preschool Children. To be presented in Experimental Biology annual meeting, Boston, MA Mar. 2015.

139. Ranaweera I, Newcomb JD, Lin PKH, Jen K-LC, Hansen BC. Defining normal fasting plasma KHglucose in nonhuman primates provides basis for lowering type 2 diabetes diagnostic criteria in monkeys and humans. Health Research Day, University of South Florida, Tampa, FL, February, 2015.

140. Jen K-LC, Lin PKH, Newcomb JD, Hansen BC. Modeling of the Fasting Plasma Glucose Identified an Equation Providing Significantly Earlier Prediction of the Development of Overt Type 2 Diabetes in Nonhuman Primates (NHPs). To be presented in Experimental Biology annual meeting, Boston, MA Mar. 2015.

141. Jen K-LC, Lin P, Newcomb J, Hansen BC. Modeling of the fasting plasma glucose identified an equation providing significantly earlier identification of overt type 2 diabetes in nonhuman primates (NHPs). The FASEB J, 29 (1 Suppl): 805.8, 2015.

142. Hansen BC, Newcomb JD, Ranaweera I, Lin PKH Jen K-LC. Defining normal fasting plasma glucose in nonhuman primates as the basis for new type 2 diabetes diagnostic criteria with implications for humans. American Diabetes Association, Boston, MA, June, 2015.

143. Jen, K-LC, Jamil H, Zhou K, Arnetz B. Middle Eastern refugees are at high risk of developing obesity and chronic diseases in the U.S. Presented in The Obesity Society annual meeting, Los Angeles, CA, Oct. 2015.

144. Jen K-LC, Jamil H, Zhou K, Templin T, Breejen K, and Arnetz BB. Unemployment and other socioeconomic strains adversely impact body weight and chronic disease incidence in Iraqi refugees. Presented in the Obesity Society annual meeting, New Orleans, LA, Oct. 2016.

145. Jen K-LC, Xu S, Yeh Y, Brogan-Hartlieb K, Danford C. Caregivers’ and Health Care Providers’ Perception of Preschoolers’ Body Weight in Head Start Centers. Presented in the Obesity Society annuyal meeting, National Harbor, MD, 2017.

146. Hansen BC, Jen K-LC, Gidanian S, Newcomb JD, Chaudhari UK. A healthy diet, low in simple sugars, and low in fat does not prevent severe hypertriglyceridemia (HTG) or obesity or type 2 diabetes. American Society for Nutrition Obesity and Metabolic Syndrome, Boston, MA, June, 2018.

147. Hansen BC, Newcomb JD, Jen K-LC, Lin PKH. Longitudinal Physiological Regulatory Changes Identify Key Mechanisms in the Progression from Normal to Overt Type 2 Diabetes Mellitus in Nonhuman Primates (NHP’s) with Comparisons to Human Cohort Studies. American Physiological Society, Experimental Biology, Orlando, FL, April, 2019.

148. Hansen BC, Jen K-LC, Newcomb JD, Lin PKH. Standardized glucose, insulin, and β-cell response to glucose reveal important details of the preDM trajectories not shown in retrospective or prospective epidemiological analyses. American Diabetes Association, San Francisco, CA, June, 2019.

149. Alhassani W, Jen K-LC. The effects of a high fiber beta glucan Talbina meal on emotional well-being among Syrian refugees in Metropolitan Detroit. American Society for Nutrition, Baltimore, MD, June 2019.

**M. Invited Seminars or Lectures Presented:**

December 13-14, 1980

University of Michigan Nutrition Workshop

"Regulation of feeding in normal weight, spontaneously obese and experimentally obese monkeys"

February 17, 1987

Department of Health Education. Wayne State University

"Current Topics of Nutrition"

June 13, 1987

Continuing Education Series, Division of Laboratory Animal Resources, Wayne State University

"An animal model for the study of human obesity"

April 14, 1988

Department of Internal Medicine, Wayne State University

"Nutrition and hypercholesterolemia"

October 13, 1989

Department of Physiology, School of Medicine, Wayne State University

"Gestational Diabetes-An Animal Model"

April, 1994

PTA, Birmingham Public School

"Special nutrition needs for adolescents"

March, 1995

Overseas Chinese Women's Association of Michigan

"Women's Health and Nutrition"

July, 1995

Overseas Chinese Women's Association of Michigan

"Nutrition and Disease Prevention"

July 30, 1996

Taipei Medical College and Chinese Association for the Study of Obesity

"Body weight regulation and its controversies"

August 8, 1996

Chang Gung College of Medicine and Technology

"Obesity: Etiology and treatment"

April 11, 1999

Michigan Chinese Women's Association

"Nutrition in the elderly"

August 3, 1999

American Chinese Association of Michigan

"Nutrition and disease prevention"

August 20, 2001

Department of Psychiatry, Wayne State University

“Nutrition and disease prevention”

November 21, 2002

American Association of Clinical Chemistry, Michigan Section Annual Symposium

“Obesity and diabetes: a new insight”

April 9 , 2003

American Association of Clinical Chemistry - Michigan Section Spring Conference

“Obesity and diabetes - a new insight”

April 15, 2004

Marqueta Huyck Lecture/RCOR Symposium

“Nutritional management of body weight”

May 8, 2004

Stroke Conference /Henry Clark Strok Foundation

“Obesity”

February 27, 2005

The 3rd Asia-Oceania Conference on Obesity, Taipei, Taiwan

“Dietary management of obesity”

April 9,2006

Great Detroit Chinese School

“Controversies in Nutrition”

Sept. 20,2006

Wayne State University, Total Compensation and Wellness

“Nutrition and Cancer prevention”

May 2, 2009

Stroke Conference /Henry Clark Strok Foundation

“Nutrition and Stroke”

May 9, 2009

Medical Alumni Reunion and Clinic Day, Wayne State University School of Medicine

“Food Supplement research on weight and lipid management”

March 5, 2010

WINning in Welness: Seminar on Health and Wellness in the New Year, Deloitte Consulting

“Avoiding diet induced obesity”

November 3, 2010

Pediatric Weight Management Center, Department of Pediatrics, School of Medicine, WSU

“Lesson learned from Detroit Head Start project: Effects of nutrition education”

February 15, 2012

Good Morning Detroit, Detroit R & D, Inc

“Omega-3 fatty acids: the good and the bad”

November 1, 2012

International Physiological Society/Chinese Association for Physiological Sciences Conference, Suzhou, China

“Obesity, Insulin Secretion and Insulin Action: Reinterpreting the Disposition Index”

April 17, 2013

Shiffman Medical Library Community Conservation on Health

“Weight of the Nation”

May 22, 2013

Second Annual World Congress of Diabetes 2013, X’ian, China

“A new patented dietary fiber to combat diabetes”

October 3, 2013

Detroit World Outreach Church: Wellness Seminar

“Nutrition and Diabetes Management”

Nov. 5, 2013

Warren Plaza Senior Living

“Nutrition and Diabetes Prevention”

**N. Other Scholarly Work**

**1. Patent application**

Grunberger G, Matthews S, Jen K-LC, Goustin A, and Srinivas P. “Modulation of alpha-2 glycoprotein (fetuin) in obesity resistance and insulin control of glucose homeostatis”. WO 02/039923.

Jen, C and Artiss, JD. “Dietary fat complexor”. US Serial #60/404,366, filed August 19, 2002.

Jen, C and Artiss, JD. “Dietary fat complexor”. US Serial #60/461,847, filed April 11, 2003.

Jen, C and Artiss, JD. “Compositions comprising dietary fat complexor and methods for their use”. US Serial #60/486,440, filed July 14, 2003.

Artiss, JD and Jen, C. “Composition comprising dietary fat complexer and methods of using same”, US serial #12/127,263.

**2. Patents issued**

1. Artiss, JD and Jen, C. “Compositions comprising dietary fat complexer and methods for their use”. WO 2004/016101. USPTO Patent #6,890,549, issued May 10, 2005.

2. Artiss, JD and Jen, C. “Compositions comprising dietary fat complexer and methods for their use”. Repubic of South Africa Patent #2004/7806, issued December 28, 2005.

3. Artiss, JD and Jen, C. “Compositions comprising dietary fat complexer and methods for their use”. Republic of Korea Patent #0639839, issued July 20, 2006.

4. Artiss, JD and Jen, C. “Compositions comprising dietary fat complexer and methods for their use”. Moroccan Patent #27959, issued March 7, 2006

5. Jen, C. and Artiss, JD “Compositions comprising dietary fat complexer and methods for their use”. Singapore Patent #108372, issued April 30, 2007

6. Artiss, JD and Jen, C. “Compositions comprising dietary fat complexer and methods for their use”. Russian Federation, Patent #2 304 400 C2, issued June 20, 2007.

7. Artiss, JD and Jen, C. “Compositions comprising dietary fat complexer and methods for their use”. India, Patent #218592, issued January 2008.

8. Jen, C. and Artiss, JD. “Compositions comprising dietary fat complexer and methods for their use”. Australia Patent #2003259235, January 2, 2008.

9. Artiss, JD and Jen, C. “Compositions comprising dietary fat complexer and methods for their use”. New Zealand Patent #535665, July 10, 2008.

10. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Indonesia Patent #ID0022242, Nov. 4, 2008.

11. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. The Philippines Patent No. 1-2004-501551, June 30, 2009.

12. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Austria Patent No. E442 165 T8, Mar 10, 2010.

13. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Czech Republic Patent No. 1478401, September 9, 2009.

14. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Denmark Patent No.DK/EP 1478401, Jan 18, 2010.

15. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. European Patent Convention Patent No. 1478401, September 9, 2009.

16. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. France Patent No. 1478401, September 9, 2009.

17. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Germany Patent No. 1478401, September 9, 2009.

18. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Great Britain Patent No. 1478401, September 9, 2009.

19. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Greece Patent No. 1478401, September 9, 2009.

20. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Ireland Patent No. 1478401, September 9, 2009.

21. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Italy Patent No. 30743BE/2009, September 9, 2009.

22. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Netherlands Patent No. 1478401, September 9, 2009.

23. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Sweden Patent No. 1478401, September 9, 2009.

24. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Turkey Patent No. TR 2009 09260 T4, Jan 21, 2010.

25. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Peoples Republic of China Patent No. ZL03814336.4, September 23, 2009.

26. Artiss, Joseph D. and Jen, C. Compositions comprising dietary fat complexers and methods for their use. Canada Patent No. 2,480,668, November 24, 2009.

27. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Japan Patent #4418751, December 4, 2009.

28. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Mexico patent NO. 273089, Jan. 7, 2010.

29. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Hong Kong Patent #HK1072184, June 18, 2010.

30. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Malaysia Patent MY-141746-A, June 30, 2010.

31. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Israel Patent #164332, Mar. 31, 2010.

32. Artiss, Joseph D. and Jen, C. Compositions comprising Dietary Fat Complexer and Methods for Their Use. United States Patent #8,101,201, issued Jan. 24, 2012.

33. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Poland Patent issued P-375374, 2012.

34. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Norway Patent No. 334081, issued Dec. 9, 2013.

35. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. United States patent #8,586,076, issued Nov. 19, 2013.

36. Artiss, Joseph D and Jen, C. Composition Comprising Dietary Fat Complexers and Methods for Their Use. Canada patent #2,677,430, issued Feb. 18, 2014.

37. Artiss, Joseph D and Jen, C. Composition Comprising Dietary Fat Complexers and Methods for Their Use. Hong Kong patent #1072184, issued June 6, 2014.

38. Artiss, Joseph D and Jen, C. Composition Comprising Dietary Fat Complexers and Methods for Their Use. Japan patent #5448683, issued Oct. 1, 2014.

39. Artiss, Joseph D and Jen, C. Composition Comprising Dietary Fat Complexers and Methods for Their Use. European Patent Office Patent #213819, issued Dec. 2, 2014.

(This EPO patent #2138190 was validated in all countries: Switzerland, Germany, Denmark, Finland, France, United Kingdom, Hungary, Ireland, Luxembourg, Monaco, Netherlands, Sweden, Slovenia, Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Estonia, Spain, Greece, Italy, Portugal, Romania, Slovakia, and Turkey)

40. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. United States Patent #14/0515,455, issused Dec. 15, 2015.

41. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Japan patent #2013-120786, issued Dec. 1, 2015

42. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Poland patent #PL220776, issued Jan. 29, 2016

43. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Poland patent #220779, issued Jan. 29, 2016

44. Artiss, Joseph D. and Jen, C. Compositions Comprising Dietary Fat Complexers and Methods for Their Use. Poland patent #220780, issued Jan. 29, 2016

**2. Consulting**

Dr. Bonnie Metzger's NIH grant "Stress-induced cachexia and cognitive frailty",

University of Michigan

SOHO Flordis International, St. Leonards, Australia

Area Editor, Encyclopedia of Diets, Gale/Cengage Learning, Boston, MA

**3. Reviewer for the Journals**:

Physiology and Behavior

American Journal of Primatology

Nutrition Research

International Journal of Obesity

Metabolism

Obesity Research

Diabetes Spectrum Research to Practice

Brain Research Bulletin

American Journal of Physiology

Biochimica et Biophysica Acta

Journal of Nutritional Biochemistry

Canadian Journal of Zoology

**4. Grant Reviewer**

Council for International Exchange of Scholars, Fullbright Senior Program, 2000

National Science Foundation, 1994, 1995, 1997

United States Department of Agriculture, 1995, 1997, 1998, 1999, 2001, 2002

Nutrition Special Emphasis Panel, Small Business Innovative Research,NIH, 1994, 1998,

2000

NIH, 1997

University of Nebraska-Lincoln, Institute of Agriculture and Natural Resources (IANR) Strategic

Investments competitive grants program, 2010

National Science Foundation, 2012

California Dairy Council, 2012

**5. Commentary.**

Diabetes Spectrum: From research to Practice. 6: 305-306, 1993.

**6. Abstract reviewer**

7th International Congress on Obesity/American Diabetes Association Meeting, 1994.

**IV. SERVICE**

**A. Administrative Appointments at Wayne State in the Last Five Years:**

Interim Chair, Department of Nutrition and Food Science, 1992.

Director, Master of Science in Multidisciplinary Science Program, College of Science, 1999 – 2005

Interim Chair, Department of Nutrition and Food Science, 2005 – 2008

Chair, Department of Nutrition and Food Science, 2008-2013

**B. Administrative Appointments at Other College/University in Last Five Years**

**C. Committee Assignments in Last Five Years:**

**1. University Committee Chaired**

N/A

**2. University Committee Membership:**

1986 President's/Dean's Selective Salary Committee

1985-1985 University/Library Committee

1987 President's/Dean's Performance Evaluation Committee

1987 President's/Dean's Selective Salary Committee 1988 Scholarship and Fellowship Selection Committee

1988 Biomedical Research Award Committee

1989 Faculty Research Award Committee

1989 Scholarship and Fellowship Selection Committee

1990 Graduate Research Assistant Award Committee

1990 Scientific Misconduct Inquiry Committee

1992 Faculty Research Award Committee

1992-1993 Advisory Committee for DLAR, Office of Vice President for

Research

1993-1996 Graduate Council member

1994 Faculty Research Award Committee

1993-1994 President's/Dean's Performance Evaluation Committee

1995 Secretary, Faculty Council, College of Science

1995-1996 President's/Dean's Performance Evaluation committee

1996 Member, Scholarships and Fellowships Review Panel, Graduate

School

1996-1999 Member, Women's Faculty Resource Network

1998 Member, Howard Hughs Research Institute Application Review Committee

1998-2001 Member, Animal Investigation Committee

2001-2004 Member, Animal Investigation Committee

2002 Member, University Research Grant Review Committee

2004-2005 Member, Review Advisory Panel, Department of Electrical and

Computing Engineering

2007-2011 Member, Clinical Trials and Translational Research Office,

CTSA Committee

2014 Faculty Search Committee, Pediatric Prevention and Research

Center, Department of Pediatrics, School of Medicine, Wayne

State University

2014-present Member, Undergraduate Public Health Program Planning

Committee

2018-2019 Member, Review Advisory Panel, Department of Chemistry, CLAS

2019-2020 School of Nursing Review Committee

**3. College/Department Committee Chaired**

1988-1992Graduate Committee

2009-2010 Department of History Chair Review Committee

2018-2019 NFS Faculty Recruitment Co-Chair

**4. College/Department Committee Membership:**

1984-1985 Medical Dietetics Student Selection Committee

1985-1986 Unit Selective Salary Committee

1985-1986 Organizer, Graduate Seminar, Nutrition and Food Science

1985-2008 Graduate Committee

1986 Design brochures for Graduate and Undergraduate studies, and recruiting material

1990 Member, Chair Review Committee, Nutrition and Food Science

1990-1991 Member, Chair Search Committee, Nutrition and Food Science

1991-1992 Member, Chair Search Committee, Nutrition and Food Science

1992-1995 Member, Faculty Council, College of Science

1993-1994 Secretary, Faculty Council, College of Science

1995-1998 Member, Faculty Council, College of Science

1999-2002 Member, Faculty Council, College of Science

1999-2005 Member, Steering Committee, M.A. in Multidisciplinary

Sciences, College of Science

2000-2002 Member, Merit/Salary Evaluation Committee, College of

Science

2003-2004 Member, Status of NFS Department Committee

2002-2005 Member, Faculty Council, College of Science

2005-2008 Member, Faculty Council, College of Science

2013-2014 Member, Promotion and Tenure Committee, Nutrition and Food

Science

2012-2013 Member, Planning Committee for CLAS Classroom

Building

2013-2014 Member, Merit Review Committee, Nutrition and Food Science

2014-2015 Member, Merit Review Committee, Nutritioin and Food Science

2014-2015 Member, Promotion and Tenure Committee, Nutrition and Food

Science

2015-2018 Member, Promotion and Tenure Committee, College of Liberal

Arts and Sciences

2018-2021 Member, Promotion and Tenure Committee, College of Liberal Arts and Sciences

2019 Member, Nutrition and Food Science Department Chair Review Committee

**5. Community**

1988-1990 Member, Board of Trustees, Chinese School of Greater Detroit

1990 Member, Weight Loss Task Force, Michigan Health Council,

State of Michigan

1991 Science Project Advisor, Detroit Country Day School

1992 Judge, Invent America!, Birmingham Public Schools, Michigan

1995 King-Chavez-Parks College Day Program participant

1996 King-Chavez-Parks College Day Program Participant

1996 Expert witness, United States Postal Service

2001-2005 Member, Mathematics Review Committee, Birmingham Public

School District, Michigan

July 2002 Invited speaker, Oakland Family Services

2004 Member, Michigan Steps Up, State of Michigan

2008-present Member, Generation with promise, State of Michigan

2009 Member, Detroit Food Policy Counil

2011 Member, Steering Committee, Obesity Summit, State of Michigan

2011-2012 Blog Writer for Pro Health and Nutrition, Wixom, MI.

2012 Co-author of Combating Obesity in Michigan 2012 (University

White Paper) for The Michigan Health and Wellness 4 x 4 Plan,

Department of Community Health, State of Michigan

2012-present Member, Michigan Organizations To Impact Obesity & Nutrition (MOTION) Steering Committee, Detroit Wayne County Health Authority

2019 Member, Pennsylvania DOH Interim Performance Review, Pennsylvania Department of Health

Frequently interviewed and cited by local newspaper and TV reporters

**D. Positions Held in Professional Associations in Last Five Years:**

Member, Education Committee, North American Association for the Study of Obesity, 1992-1996

Member, Board of Directors, Chinese Association for the Study of Obesity,

1996-1998

Member, Publication Committee, North American Association for the Study of Obesity,

1999-2004

Chair, Publication Committee, North American Association for the Study of Obesity,

2003-2004

Member, Website Development Committee, North American Association for the Study

of Obesity, 2001-2003

Member, Membership Committee, NAASO - The Obesity Society (TOS),

2005-2007, 2007-2010

Member, Scientific Review Committee, TOS, 2012-2015

**E. Membership/Offices Held in Public or Private Agencies Related to Discipline in Last Five Years**

N/A

**F. Professional Consultation**

1. Public Presentations as an Expert in Discipline

Expert Witness, United States Postal Service, 1996.

2. Testimony before Public Bodies

N/A

3. Consulting to Public Agencies, Foundations, Professional Associations

N/A

4. Consulting to Private Enterprises

ArtJen Complexus Holdings

5. Program Review Committee, Department of Dietetics and Nutrition

Florida International University

**G. Journal/Editorial Activity**

**1. Editorships**

N/A

**2. Editorial Board Membership**

Member, Editorial Board, J. Cancer Survivorship, 2006-2009.

**H. Other Professionally Related Service:**

Nutrition consultant for the research project "Health Promotion for the Elderly", Joseph Hess, M.D., Project Director, Department of Family Medicine, School of Medicine, Wayne State University.

Member, Medical Review Board, Thomas International Films and Videos.

Reviewer, Wadsworth Publishing Company, for Nutrition Now, 2nd Edition by Judith E.

Brown, 1999.

Reviewer, WCB/McGraw Hill Companies, for Perspectives in Nutrition,

4th Edition by Gordon M. Wardlaw, 1999.

Semi-Finalist in Accelerate Michigan Innovation Competition, September 23, 2011. Competition to be held November 16-17, 2011. [www.acceleratemichigan.org](http://www.acceleratemichigan.org).

# I. Media Events

July 20, 2003 UPN Channel 50: Should obese travelers buy 2 airline tickets

April 15, 2004 WWJ Detroit: The obese epidemic

Aug 2, 2004 Detroit Free Press: What to pack for school lunch?

May, 2005 FOXTV Channel 2, Detroit: Dueling diets

Nov 2005 FOXTV Channel 2, Detroit: The fat pill.

May 16, 2007 Detroit News, Trans fat

June 12, 2007 Interviewed by Detroit News, “The Other Diet Pill”

June 13, 2007 Interviewed by Cleveland Plain Dealer: “Fat Blokcers Open A New Way

for Dieters”

June 21, 2007 Interviewed by Raleigh News and Observer: “Natural Fat-Blocker Goes Unheralded”

July 5, 2007 Interviewed by Canadian Obesity Network, Conduit 1:8-9, 2007. “Bound Together by Corn Fibre”

Aug 30, 2007 Interviewed by Detroit Business magazine dBusiness: “Miracle Weight Loss”

Nov 21, 2007 Interviewed by WWJ AM950

Nov 28, 2007 FOXTV Channel 2, Detroit: Vitamins

Dec 2, 2007 Interviewed by Rev. Dr. James Womack, WGPR FM107.5

Dec 11, 2007 Interviewed by Mildred Gaddis WCHB AM1200

Jan 2, 2008 Interviewed by James Melton for Dialy Dash, WWJ Radio

Jan 3, 2008 Interviewed for Great Lakes IT Report

Jan 14, 2008 Interviewed by David Perkins, WZAX 99.3FM Nashville, NC

Jan 14, 2008 Two seminars in Ward Drug, Nashville, NC

Jan 17, 2008 Interviewed by MOJO In the Morning, 95.5FM

Jan 17, 2008 Interviewed by Tracy Mischler of Novi News: Battle weight loss with fat-fighting pill

Jan 18, 2008 South End, WSU, interview

Jan 19, 2008 Seminar at Better Health Store, Novi, MI

Jan 20, 2008 Interviewed/Appeared on WXYZ Channel 7 Carolyn’s Health Edge: New pill that fights fat

Jan 27, 2008 Interviewed/Appeared on KNXV Channel 15, Phoenix AZ, Carolyn’s Health Edge

Jan 28, 2008 Interviewed by Lynn Fischer, Central Michigan University

Jan 31, 2008 Interviewed/Appeared on Newsnet5.com, Cleveland OH, interview on Carolyn’s Health Edge

Feb 3, 2008 Interviewed/Appeared on WFTS, Tempa FL interview on Carolyn’s Health Edge

Feb 10, 2008 Interviewed by Walt Sorg on WILS 1320 AM, Lansing MI

Feb 10, 2008 Interviewed/Appeared on Carolyn’s Health Edge, WCPO, Cincinnati, OH.

Feb 16, 2008 Seminar at Better Health Store, Lansing, MI

April 19, 2008 Seminar at Royal Oak Public Library, Royal Oak, MI

June 29, 2008 Interviewed by Detroit Free Press: WSU profs market fat-flushing pills

July 13, 2008 Interviewed by Peter Nelson for Peter’s Principle, WJR 760.

March, 2009 Comcast Newsmaker: Obesity

Oct. 23, 2009 Interviewed by WDET fm Detroit: Childhood obesity

June 10, 2010 New Weight Loss Supplement Made In Michigan, Great Lakes

Innovation and Technology Report.

June 14, 2010 Professors Become Entrepreneurs, Market Discovery as Supplement,

Oakland Press

Dec 15, 2010 Wayne State Spinout Offers Novel Fat Blocker, CBS Detroit.

Dec 27, 2010 Shaping Up in the New Year? This Pill May Help, Troy-Somerset

Gazette

Feb 24, 2011 MiraFit Weight Loss Supplement Makes its Way to Hollywood. Fox2

Detroit

Feb 24, 2011 Local Innovation hits LA, The Windsor Star.

Feb 28, 2011 Academy Awards Gifting Suites, The Huffington Post, February 28,

2011.

Mar 2011 Celebrity Gift Suites, Splash Magazines

Mar 2011 Gifting at its best: The Oscars 2011, www.examiner.com

Mar 2011 MiraFit Weight Loss Supplement Walks The Red Carpet, TechTown

Publication

May 29, 2011 Interview Living Better with Laura Smith, 77WABC

Aug 16, 2011 tvEyes, WDIV Detroit News at 11

Aug 16, 2011 Diet aid MiraFit Launches Through Meijer. Drug Store News.

Repeated on; CBS Detroit, The Dallas Morning News, The Las Vegas

Business Press, MI Tech News, Reuters, The Seattle Times, The

Sacramento Bee, 69 News, Zee News and TV Eyes.

Oct 5, 2011 ArtJen Complexus USA brings Canadian innovation to Detroit, Model D