Katherine L. Tucker

Professor of Nutritional Epidemiology
University of Massachusetts Lowell
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EDUCATION

PhD 1986	Cornell University, Ithaca, NY, Division of Nutritional Sciences/International Nutrition Minors: Development Sociology and Human Nutrition
BSc 1978	University of Connecticut, Storrs, CT, Nutritional Sciences/Community Nutrition

Continuing

2011	Leadership Development Program, Camden Consulting Group, Boston, MA
2010	Department Chairs Workshop, Department Leadership Programs, American Council on Education, Arlington, VA
1990	The New England Epidemiology Institute, Summer Program

EMPLOYMENT

2013-	Professor, Department of Clinical Laboratory & Nutritional Sciences, University of Massachusetts, Lowell
2009-2013	Professor (tenured), Department of Health Sciences, Bouvé College of Health Sciences, Northeastern University Adjunct Senior Scientist, USDA Human Nutrition Research Center on Aging (HNRCA), and Professor of Nutritional Epidemiology, Friedman School of Nutrition Science and Policy (SNSP), Tufts University
2009-2012	Chair, Department of Health Sciences, Bouvé College, Northeastern University Oversaw recruitment and hiring of 10 new faculty members—doubling the size of the department, major space renovation, accreditation of a new MPH program in urban health, and development of a new PhD program in population health.
2004-2009	Senior Scientist, USDA HNRCA, and Professor, SNSP, Tufts University
1997-2009	Adjunct Associate Professor, Public Health and Community Medicine, Tufts University
1996-2009	Director, Dietary Assessment and Epidemiology Research Program, HNRCA
1996-2004	Scientist I, HNRCA and Associate Professor, SNSP
1989-1996	Scientist II, HNRCA and Assistant Professor, SNSP
1990-1993	Adjunct Assistant Professor, School of Dietetics and Human Nutrition, McGill University
1986-1989	Assistant Professor, School of Dietetics and Human Nutrition, McGill University
1986	Manager, Nutritional Surveillance Program, Cornell University
1983-1985	Graduate Research Assistant, Cornell/USAID Nutrition Research, Panama
1981	Coordinator, Child Care Food Program, Community Action for Greater Middletown, CT
1978-1980	U.S. Peace Corps Volunteer, Health/Community Development, Philippines

International Research/Program Experience

Malaysia
2010, 09 Visiting professor and external examiner: Universiti Kebangsaan Malaysia
Ecuador
2006, 02 Field training: Nutrition and immunity, NIH Fogarty grant (Meydani)
Peru
2001 Team to develop national strategy to combat chronic under-nutrition. USAID
Honduras/Guatemala
1995 Evaluation, "IMPACT," Food Security and Nutrition Monitoring Project. USAID
Cuba
1993 Investigation of optic/peripheral neuropathy epidemic. US-Cuba Medical Project
Egypt
1992 USDA mission: Egyptian National Agricultural Research Program/USDA OICD
Indonesia
1990 Nutrition curriculum advisor: School of Public Health, Airlangga Univ, Surabaya, USAID
Malawi
1989, 88 Field research: Nutrition of pregnant farmers, Internation Center for Research on Women
Guatemala
1989, 88, 87 Field research: Nutrition and parasitic infection, McGill International /CIDA
Kenya
1988 Field research: Female headed households and child nutrition, McGill International/CIDA
Panama
1983-84 PhD field research: Maternal time use and nutrition. Cornell University/USAID
Puerto Rico
1982 Field research: Nutritional status of WIC participants. Cornell University
Philippines
1991 WHO temporary advisor, Research Institute for Tropical Medicine, Manila.
1989, 88 Food systems research, University of the Philippines, Visayas /McGill International /CIDA
1980 Technical coordinator for training of incoming Peace Corps volunteers.
1978-80 US Peace Corps volunteer; Nutrition/community development

LANGUAGES

Spanish, good fluency
French, basic

PROFESSIONAL ASSOCIATIONS

2013-14 New York Academy of Sciences
2004- The Nutrition Society, UK (NS)
2001- American Society for Bone and Mineral Research (ABMSR)
1996- The Gerontological Society of America (GSA)
1988- American Society for Nutrition (ASN, formerly ASNS)

PROFESSIONAL LEADERSHIP ACTIVITIES AND AWARDS

2012-15 ASN representative to the Federation of Associated Societies in Experimental Biology (FASEB) Science Research Conference (SRC) advisory committee
2012- Director, Vanguard center for the Jackson Heart Study
2012 Hazel K. Stiebeling Medallion Award, Florida State University
2011-14 International Life Sciences Institute (ILSI) North America, Food, nutrition and safety program (FNSP) Scientific advisory board

2011	Committee to develop Oldways' healthy food pyramid based on the food traditions of the African diaspora
2009-10	Institute of Medicine (IOM) of the National Academies, Committee to review child and adult care food program meal requirements
2009-10	Harvard School of Public Health, External advisory committee, concentration in obesity epidemiology and prevention
2008-14	Chair-elect/chair/past chair, Nutritional Sciences Council, ASN
2008-10	University of New Hampshire, College of Life Sciences and Agriculture, Dean's advisory committee
2008-	Jackson Heart Study, Scientific Directions Committee
2008-10	Emisphere Technologies, Scientific advisory board on vitamin B12
2007-08	University of Minnesota Nutrition Coordinating Center, External scientific advisory committee
2006-07	ASN nominating committee
2006-07	Yale Griffin Pediatric Research Center, Evaluation committee, "Nutrition detective"
2005-06	Iowa State University, Iowa Botanical Center, External advisory council
2004-05	Chair, ASN nominating committee
2002-05	Jackson Heart Study, Clinic operations committee
2002-04	Experimental Biology ASN program planning committee
2001-03	IOM committee to review implications of dioxin in the food supply
2001-03	Geisenger rural aging study, Steering committee
2000	Award jury, Kellogg award for international nutrition research (ASN)
2000	Award jury, ELR Stokstad award (ASN)
1999-00	Chair, ASN nominating committee
1998-02	Chair elect/chair/past-chair, Nutritional epidemiology research interest section, ASN
1998-02	ASN membership committee
1981-83	Andrew D. White Fellowship, Cornell University
1978	BSc Magna Cum Laude, Honors scholar, University of Connecticut
	Gamma Sigma Delta, agricultural honor society

BOARDS OF DIRECTORS

2010-	Center for Community Health Education Research and Service (CCHERS), Boston, MA, Board of Directors and Finance Committee
2010-12	American Society for Nutition (ASN), Washington DC, Executive Board of Directors

UNIVERSITY COMMITTEES

Northeastern University Bouvé College of Health Sciences

2012	Search committee, associate dean for research (J Griffith)
2010-12	School of Nursing PhD program advisory committee
2010-11	Task force on interdisciplinary education
	Interdisciplinary search committee, public policy and urban affairs/health science
	Search committee, associate dean of research
2009-12	Dean's leadership committee

Department of Health Sciences

2013	Search committee, epidemiology
2011-12	Chair, department leadership committee
2010-	Tenure and promotions committee
2010-12	Search committees, environmental health (H Suh), exercise science (D Johns)

2010-11 Search committee, biostatistics (J Manjourides)

Tufts University

2008-11 Clinical and Translational Sciences Institute (CTSI), Center for aligning researchers and communities for health advisory council
2006-09 Tufts Cancer Center, Associate director of community partnerships
2005-06 CTSI, Community engagement and minority inclusion subcommittee
2001-04 Tufts Aging Initiative, Small grants review committee

Human Nutrition Research Center on Aging

2009 Scientific directions committee
2005 Retreat planning committee
2003 Chair, Retreat planning committee

School of Nutrition Science and Policy

2009 Search Committee, nutritional epidemiology (FF Yang)
2005-08 Promotion committees (4)
2004-05 Chair, Gershoff symposium planning committee
2002-08 Committee on committees
2002-08 Dean's council
2000-03 Search committees, Assistant professor (P Webb, P Wilde)
1998-09 Admissions committee
1994-98 Curriculum and degrees committee

McGill University

1987-89 Macdonald Campus computing committee
1987-89 McGill committee on international agriculture

School of Dietetics and Human Nutrition

1988-89 Search committees (S Kubow, L Thibeault, K Gray-Donald)

External

2004 Search committee, Harvard School of Public Health, Assistant Professor (E Villamor)

PEER REVIEW

Editor in Chief

2013-18 Advances in Nutrition: an international review journal (2013 IF 3.2)

Associate Editor

2010- Public Health Nutrition (2013 IF 2.3)
2004-12 Journal of Nutrition (2013 IF 4.2)
2004-09 British Journal of Nutrition (2013 IF 3.3)

Editorial Boards

2010- Frontiers Nutrigenomics
2010-13 Molecular Nutrition & Food Research (2013 IF 4.3)
2010-12 Encyclopedia of Human Nutrition, 3rd Edition, 2012
2002-04 Journal of Nutrition
1992-06 Ecology of Food and Nutrition

International Advisory Boards

2013- Sains Malaysiana
2010-14 Malaysian Journal of Health Sciences

Manuscript Review

Annals of Epidemiology
Annals of Internal Medicine
American Journal of Clinical Nutrition
American Journal of Epidemiology
American Journal of Public Health
American Journal of Preventive Medicine
Biogerontology
Biomed Central Public Health
Bone
British Journal of Nutrition
British Medical Journal
Circulation
Clinical Chemistry
Contemporary Clinical Trials
Diabetes
Ecology of Food and Nutrition
Epidemiologic Reviews
European Journal of Clinical Nutrition
European Journal of Epidemiology
Family Economics and Nutrition Review
Food and Nutrition Bulletin
Indian Journal of Orthopaedics
International Journal of Epidemiology
International Journal of Obesity
Journal of Aging and Health
Journal of Agricultural and Food Chemistry
Journal of Alzheimers Disease
Journal of the American College of Nutrition
Journal of the American College of Cardiology
Journal of the American Dietetics Association
Journal of the American Geriatrics Society
Journal of the American Medical Assoc
Journal of Applied Gerontololgy
Journal of Bone and Mineral Research
Journal of Diabetes and its Complications
Journal of Epidemiology and Community Health
Journal of Food Composition and Analysis
Journal of Gerontology: Medical Sciences
Journal of Gerontology: Psychological Sciences
Journal of Nutrition
Journal of Women's Health
Leukemia Research
Neurobiology of Aging
New England Journal of Medicine
Nutrients
Nutrition
Nutrition Journal
Nutrition, Metabolism & Cardiovasc Diseases
Nutrition Research
Nutrition Reviews
Obesity Research
Preventive Medicine
Public Health Nutrition
Puerto Rican Health Science Journal
Salud Publica de Mexico
Social Science & Medicine
Women's Health & Urban Life

Grant Review

Study section member

2012-16	NIH	Kidney, nutrition, obesity, diabetes	KNOD

Ad hoc reviewer

2012	Austria	Vienna Science and Technology Fund	
2011	NIH	Population sciences and epidemiology	ZRG1 PSE-K03M
		Kidney, nutrition, obesity, diabetes	KNOD 2011/10
2010	NIH	Special emphasis time sensitive panel	ZES1 SET-V 2011/01
		Population sciences and epidemiology	ZRG1 PSE-B 02M
			ZRG1 PSE-H 02M
		Kidney, nutrition, obesity, diabetes	KNOD 2010/01
2009	NIH	Population sciences and epidemiology	ZRG1 PSE-A03M
		Risk prevention and health behavior	ZRG1 RPHB-K02M
			ZRG1 RPHB-K50R
		Health of the population	ZRG1 HOP-W02M
2008	NIH	Improving diet and physical activity assessment	ZRG1 HOP-D50
		Special emphasis panel	ZRG1 HOP-T07M
	Harvard	China Fund competitive grants	
2007	NIH	Improving diet and physical activity assessment	ZRG1 HOP-D50
	USDA	Food Assistance and Nutrition Research Program	FANRP

	UK	Wessex Medical Trust, Early career award program	
	Ireland	Health Research Board, research project funding	
	France	National Research Programme on food and human nutrition	
2006	NIH	Improving diet and physical activity assessment	ZRG1 HOP-D50
	France	National Research Programme on food and human nutrition	
2005	NIH	Improving diet and physical activity assessment	ZRG1 HOP-D50
2004	NIH	Improving diet and physical activity assessment	ZRG1 HOP-D50
	NIH	Aging systems and geriatrics	ZRG1 AS-G01Q
		Mind-body interactions and health	ZRG1 RPHB-B50
	UK	Wellcome Trust health consequences of population change	
2002	USDA	Agricultural Research Service (ARS) CRIS proposals	
2001	USDA	CSREES Research Grants Program	
2000	USDA	National research initiative competitive grants program	
1997	USDA	ARS CRIS proposals	
	CSREES	Research grants program	
1996	NIH	Minority biomedical research support program	
1994	World Bank	research support budget funding	
1987	Canada	Health & Welfare research project funding	

External Academic Promotion and Tenure Review

2013	Universiti Kebangsaan Malaysia, Faculty of Health Sciences, Kuala Lumpur
2012	University of Texas at Austin, Department of Nutritional Sciences
	University of Mississippi Medical Center, Jackson, MS
	Department of Social and Preventive Medicine, SUNY Buffalo, NY
	Wake Forest School of Medicine, Winston-Salem, NC
	University of Massachusetts Medical School, Worcester, MA
2011	University of Toronto, School of Public Health, Canada
	Emory University, Rollins School of Public Health, Atlanta, GA
	Fred Hutchinson Cancer Research Center, Seattle, WA
2010	Cornell University, Division of Nutritional Sciences, Ithaca, NY
	University of Michigan, Ann Arbor, MI
	Harvard Medical School, Boston, MA
	Boston University School of Medicine, Department of Pediatrics
2009	Fred Hutchinson Cancer Research Center, Seattle, WA
	University of North Carolina, Chapel Hill, Department of Nutrition
2008	Harvard University, School of Public Health
	Boston University, Department of Health Sciences
2007	Pennsylvania State University, College of Health and Human Development
	Ohio State University, Department of Human Nutrition
	Roswell Park Cancer Institute, Buffalo, NY
2006	University of Minnesota, School of Public Health
	Boston University, School of Public Health
2005	Cornell University, Division of Nutritional Sciences
	New York University, Department of Nutrition, Food Studies, and Public Health
	University of Arizona, Division of Health Promotion Sciences
2004	University of Maryland, Department of Nutrition and Food Science
	Pennsylvania State University, College of Health and Human Development
	UC Berkeley, School of Public Health
	University of Texas at El Paso, College of Health Sciences
	Duke University, Department of Medicine

2002 University of Pittsburgh, Department of Epidemiology
2000 Johns Hopkins University, Department of International Health

Other Review

2012 Bachelor of Epidemiology Program, Umm AL-Qura University, Makkah, Saudi Arabia
2011 Institute of Medicine (IOM) report: Nutrition, Trauma and the Brain
2009 Taylor and Francis Group/CRC Press, book proposal
Albert Einstein College of Medicine, CTSA KL2 Career development award
2008 Annals of the New York Academy of Sciences, proposal for conference proceedings
2007 Blackwell Publishing, book proposal
2006 Rockefeller Foundation, Bellagio Study and Conference Center application
2005-08 Prevention Magazine, editorial advisor for nutrition news
2003 PAHO ProPAN (Process for the Promotion of Child Feeding) manual
NIH Minority Biomedical Research Support – (MBRS SCORE) application
2000-08 NIH Office of Dietary Supplements (ODS) and the Consumer Healthcare Products Assoc, Annual Bibliography of Significant Advances in Dietary Supplement Research
2000 Journal of Nutrition Guest Editor, sup: Nutrition and aging in the developing world
1998 USDA Food Surveys Research Group report on Hispanic dietary intakes

TEACHING

University of Massachusetts Lowell
2013 Human nutrition
Northeastern University
2013 Introduction to college
2012 Team member for research leadership development initiative course, ADVANCE
2011 Introductory nutrition
University Medical Center, Utrecht, the Netherlands
2010, 08 Nutritional epidemiology short course
Universiti Kabangssan Malaysia, Kuala Lumpur
2010 Nutritional epidemiology short course
Tufts University
1997-09 Founding director, graduate program in nutritional epidemiology
1992-09 Nutritional epidemiology
McGill University
1986-89 Nutritional assessment/Dietary methodology
Research methods in human nutrition
Introductory nutrition
Cornell University
1981 Sociocultural aspects of food and nutrition (TA)
St. Paul University, Tuguegarao, Cagayan, Philippines
1978-80 Public health nutrition
Community nutrition

STUDENT ADVISING

PhD Dissertation co-advisor, Northeastern
- Wurth R
2013 Jamal A Vitamin D and chronic conditions in Puerto Rican adults
PhD Dissertation advisor, Tufts
2012 Landry L Diet-gene interactions in the Jackson Heart Study
Currently: Medical student, Tufts Medical School

2011	Bhupathiraju S	Dietary risk factors for bone status and heart disease in Puerto Rican adults *Currently: Postdoctoral Associate Department of Nutrition, Harvard School of Public Health*
2010	Bergeron Farina E	Fatty acids and bone mineral density *Currently: Research Associate, US Army Research Institute of Environmental Medicine*
	VanRompay M	Diabetes prevalence and nutritional risk factors in Puerto Rican adults *Currently: Research Associate, Hancock Obesity Center, Tufts University*
2009	Arsenault L	Fatty acids and cognitive function in homebound elders *Currently: Research Epidemiologist, Cambridge Health Alliance*
	Noel S	Dietary patterns and metabolic syndrome in Puerto Rican adults *Currently: Research Assistant Professor, Department of Health Sciences, Northeastern University*
	Chhagan M	Nutrient supplements and infant growth in South Africa *Currently: Principal specialist pediatric HIV &infectious disease, honarary lecturer, University of KwaZulu-Natal, South Africa*
2008	Buell J	Vitamin D and cognitive function in homebound elders *Currently: Research Associate, Harvard Clinical Research Institute*
	Sahni S	Antioxidant nutrients and bone mineral density *Currently: Postdoctoral associate, Hebrew SeniorLife, Harvard Medical School*
2006	Talegawkar S	Validation of a dietary questionnaire for use in the Mississippi Delta. *Currently: Tenure track assistant professor, Johns Hopkins University Bloomberg School of Public Health*
	Gao X	Linear programming to assess national diet recommendations *Currently: Tenure track assistant professor, Harvard School of Public Health*
2002	Nyambose J	Maternal nutrition and birth weight in Central Malawi. *Currently: Senior scientist and policy advisor, Massachusetts Dept Public Health*
2001	Chen H	Dietary factors and risk of adenocarcinoma of the esphagus and adult glioma. *Currently: Tenure track investigator, Epidemiology Branch, NIEHS/NIH*.

PhD Thesis Committee Member, Northeastern

2013	Reich A	An analysis of nutrition legislation and childhood obesity (J Fox)

Tufts

2009	Mattei J	Gene-diet interaction on lipid metabolism of Puerto Ricans (J Ordovás)
2007	Tanaka T	Taste receptor genes, dietary patterns and plasma lipids (J Ordovás)
2004	Qi L	Common genetic risk factors in age related disorders (J Ordovás)
2004	Coon K	Household food management and child nutrition (B Rogers)
2003	Kennedy D	Adjunct therapies for childhood leukemia (J Blumberg)
2002	Moeller S	Diet and eye disease in the Nurses Health Study (P Jacques)
2002	Yao M	Energy balance and obesity in China (S Roberts)
2001	Fleming D	Dietary predictors of serum ferritin (R Wood)
2001	Ramos Galluzzi J	Polymorphism at codon 54, fatty acid binding protein (J Ordovás)
1999	Hoffman D	Past malnutrition and obesity in urban Brazil (S Roberts)
1999	Bernstein M	Dietary diversity: nutritional status and health in the elderly (M Nelson)
1998	Bathalon G	Energy restriction and metabolic aging in women (S Roberts)

PhD Committee Advisor, Other

-	Denova E	Dietary patterns and CVD risk in the Mexican national survey (S Barquera, *Instituto de Salud Publica*, Cuernavaca, Mexico)
-	Diaz Y	Association of diet and molecular changes in tumor of colorectal cancer patients (MR Cruz Correa, *University of Puerto Rico,* San Juan).

-	Rodriguez S	Effect of a water intervention on obesity in Mexican women (T Gonzales, *Instituto de Salud Publica*, Cuernavaca, Mexico)
2010	Nash A	Dietary patterns and health (SC Weller, *Univ of Texas*, Galveston)
1992	Girma B	Education and nutritional status in Ethiopia (T Eisemon, *McGill Univ,* Montreal)

MS Thesis Advisor, McGill

1990	Onyango A	De facto female heads of households and nutrition in Kenya
1989	McIsaac B	Diet and anthropometric status of male refugees from Ethiopia

MS Thesis Committee Member, Northeastern

2012	Li Y	Cysteine dependence of IGF-1 effects on redox and methylation status

McGill

1990	Duncan D	Lipids and toxaphene in the food of the Hare Dene (H Kuhnlein, *McGill*)

Other

2010	Sofianou A	Acculturation and dietary patterns in Mexican Americans (M Reich, *Harvard)*

MPH Capstone Advisor Northeastern

2012	Christensen E	Diet and physical activity in urban Native American adults (MPH)

MPH Applied Learning Experience/Practicum Advisor, Other

2012	Peterson S	Web based information for the Puerto Rican Health Study (PRHS) (*Tufts*)
2011	Xiao R	Data and methods in the PRHS (*U Massachusetts, Amherst)*
2010	Corless HM	Data and methods in the PRHS (*Tufts*)
	Malhotra P	Vitamin D and BMI in the PRHS (*U Massachusetts, Amherst*)
2009	Prem N	Data and methods in the PRHS (*Tufts*)

Undergraduate Capstone Advisor, Northeastern

2013	Abela D	Cola and bone in the Puerto Rican Health Study
	Patrick E	WooFoods expansion to Boston

Directed Study Advisor, Northeastern

2012	Eng CW	Data and research methods in the PRHS
	Gershaw R	Data and research methods in the PRHS (MPH)
2011	Homsi Y	Data and research methods in the PRHS (MPH)
	Biney E	Data and research methods in the PRHS

MPH Academic Advisor, Northeastern

2012	Gershaw R		Donald L
	Manasse S	2011	Janisch K

MS Academic Advisor, Tufts

2011	Komarovsky M	2006	VanRompey M
	Gonsalves D		Merete C
2010	Lividini, K	2003	Chhagan M
2009	Fierstein J	2001	Cappachione C
	Moberly K	1999	Suri J
2008	Shin K	1998	Moeller S
2007	Yu W		Becker E
	Provias M	1996	Rastogi

Examiner for PhD Qualifying Examinations, Tufts

2009	Spartano N	chair	2005	Osei A
2006	Yoshida M			Tybor D
	Rumwas M	chair		Mattei J

2004	Layne J	chair
2003	Ortolano S	
2002	Mernitz H	chair
	Tanaka T	chair
2001	Comeau J	
	Lu M	chair
2000	Costello H	
	Angelo G	chair
1999	Olsen I	
1998	Chongviriyaphan N	chair
1996	Tang F-Y	chair
	Hoffman D	
	Vinken A	
1995	Schaetzel T	
1993	Carrasco W	

External PhD Examiner/Reader/Qualifying Examiner

2012 Hamidi M, University of Toronto (external examiner)
2011 Kuan LL, Universiti Kebangsaan Malaysia, Kuala Lumpur, *Malaysia* (external examiner)
2010 Gibson T, Yale University, New Haven, CT (reader)
2007 Knoops K, Wageningen University, *Netherlands* (defense)
2006 Balagopal P, Gandhigram Rural Institute-Deemed University, *Tamil Nadu, India* (reader)
2005 Rashidkhani B, Karolinska Institute, *Stockholm, Sweden* (defense)
2004 Rutten R, Wageningen University, *Netherlands* (defense)
2001 Haveman-Nies A, Wageningen University, *Netherlands* (defense)
1999 Palaniappan U, McGill University, *Canada* (qualifying exam)

Post Doctoral Associates

2008-11 Ye X (Shanghai Institute for Nutritional Sciences, Chinese Academy of Sciences)
Currently: Associate Professor, Shanghai Institute for Nutritional Sciences
2009-10 Mattei J (Tufts University)
Currently: Assistant Professor, Department of Nutrition, Harvard School of Public Health
2006-09 Talegawkar S (Tufts University)
Currently: Assistant Professor, Johns Hopkins University
2003-05 Huang T (Johns Hopkins University)
Next position: Post-doctoral Associate, Rush Institute for Healthy Aging, Rush University
2001-04 Newby PK (Harvard School of Public Health)
Next position: Assistant Professor, Boston University Medical School
2000-01 Lin H (Beijing Medical University, China)
Next position: Research Statistician, Alpert Medical School, Brown University

Visiting Scientists, Professors

2010 Park Y-H (Dept of Agrofood Resources, NAAS, RDA, *Korea*) Visiting Scientist—4 wks
2009 Renzaho, A (Deakin University, *Australia*) Visiting Scientist—1 wk
2008 Rajikan, R (Universiti Kebangsaan, *Malaysia*) Visiting Scientist—2 wks
2002 Morita K (University of Tokushima, *Japan*) Visiting scientist—6 mos
2002 Belahsen R. (Chouaïb Doukkali University, *Morocco)* Fulbright fellow—4 mos
2002 Valdes V (Inst Nutricion Central America & Panama, *Panama*) Visiting scientist—1 mon
2001 Bastida-Codina S (Univ Complutense, Madrid, *Spain*) Visiting scientist—3 mos
2001 Buranapin S (Chiang Mai Univ, *Thailand*) Visiting scientist—3 mos
2000 Saldiva S (Univ Sao Paulo, *Brazil*) Visiting scientist—4 mos
1999 Garcia Almeida J (Hospital Carlos Haya Malaga, *Spain)* Visiting scientist—2 mos
1992 Acuin C and Balis A (Research Institute of Tropical Medicine, Manila, *Philippines*) Visiting scientists funded byWorld Health Organization—3 mos

Visiting Students, Interns

2011 Yu, J (University of Massachusetts, Amherst) summer intern

2010	Malhotra P (UMass, Amherst) summer intern
	Li KL (Universiti Kebangsaan, *Malaysia*) Graduate intern, PhD research—3 wks
	Pearl L (Wageningen University, *Netherlands*) summer intern
	Andrews Chavez JY (Karolinska Institute, *Sweden*) Summer intern
2009	LaFontant R (Brandeis Posse Scholar) Summer intern
2008	VandeRest O (Wageningen University, *Netherlands*) Graduate intern, PhD research—3 mos
	Marulanda K (Villanova) Building Diversity in Biomedical Sciences scholar
2007	Dyer S (Tufts University) Tufts undergraduate summer scholar
2006	Knoops K (Wageningen University, *Netherlands*) Graduate intern, PhD research—3 mos
2005	Kanter L (Tufts Medical School) summer intern
2003-04	Merete C (Emory University) NIH PREP post-baccalaureate scholar—1 y
2000	DeWaard E. (University of Massachusetts) Summer intern
	Haveman-Nies A. (Wageningen Univ, *Netherlands)* Graduate intern, PhD research—2 mos

RESEARCH GRANTS AND CONTRACTS

Principal Investigator:

2012-14	NIH R21 NR013231 Multilevel determinants of CVD risk in African Americans ($420,000)
2010-15	NIH P50 HL105185 Center for Population Health and Health Disparities ($10,200,000)
2010-11	General Mills Bell Institute, Dairy intake and bone health ($29,000)
2010-11	General Mills Bell Institute, Dietary patterns and cognitive function ($67,000)
2008-10	Kraft Foods, Polyphenol rich foods and health ($178,000)
2007-10	NIH R01 AG027087 Nutrition, stress and bone in older Puerto Ricans. ($1,929,000)
2003-10	NIH P01 AG023394 Center for Population Health and Health Disparities ($8,973,000)
2003	General Mills Bell Institute, Dietary patterns and obesity. ($28,000)
2002-05	NPS Pharmaceuticals, Dietary assessment--Canada, Mexico, Argentina (DC $1,000,000)
1998-01	Kellogg, Fortified cereal, B vitamins and homocysteine (DC $182,000)
1993	IDRC Canada, Nutrition in Malawi ($21,000)
1992-97	NIH R01 AG10425 Nutrition and frailty in elderly Hispanics in MA ($2,125,000)
1988-89	ICRW/USAID Work patterns and nutrition of pregnant farmers in Malawi (Can $61,000)
1988-89	Health and Welfare Canada, Dietary intake of Ethiopian refugees (Can $14,000)
1987-88	McGill University small grants (Can $11,000)
1983-84	USAID Title XII Grant for dissertation research ($10,000)

Principal Investigator, subcontract:

2012-17	NIH R01DK064902-06 Postpartum Diabetes Prevention Program in Hispanic Women PI: Chasan-Taber, NEU/UML subcontract $335,180
2010-15	NIH R01 HD060680 An internet-based study on time to pregnancy PI: Hatch; NEU/UML subcontract $209,000
2007-13	USDA 58-1950-7-707/7-712 Obesity Prevention PI: Nicklas; Tufts/NEU subcontract $581,000
2009-11	NIH R24 MD005095 Nuestro futuro saludable: partnership for healthy Latino youth PI: Sprague-Martinez; NEU subcontract $46,000
2005-10	NIH R01 DK064902 Epidemiology of stress and gestational diabetes in Latina women PI: Chasan-Taber; Tufts subcontract $215,000
2005-09	NIH R01 AR053205 Protein and bone in the Framingham Osteoporosis Study. PI: Hannan; Tufts subcontract $224,000
2002-07	NIH R01 AG21790 Micronutrients and cognition in aging PI: Folstein; Tufts subcontract $2,475,000
2002-07	NIH R01 AR41398 Risk factors for age related bone loss PI: Kiel; Tufts subcontract $440,000

1997-07 USDA 58-6251-7-003 Lower Delta Nutrition Research Initiative
PI: Bogle; Tufts subcontract $504,000

Co-Investigator:

2008-10 USDA 2009-35200-05016 One carbon nutrient status and polymorphisms in uracil repair genes in determining DNA stability (PI: Chanson)
2007-12 NIH R01 AR41398 Risk factors for age related bone loss (PI: Kiel)
2006-11 NIH R01 HL54776 Gene/diet effects on plasma lipoprotein levels (PI: Ordovás)
2004-09 NIH Global Health Research Initiative Program (GRIP) TW-O2-002 Nutritional effects of anti-retroviral therapy in children (PI: Chhagan)
2004-05 General Mills Bell Institute, Whole grain intake and obesity (PI: Newby)
2002-05 NIH-Fogarty, Nutrition, immunity and health of Ecuadorians (PI: Meydani)
2002-04 NIH R03 DK060593 Nutrition program for Hispanic elders with diabetes (PI: Bermudez)
2001-06 NIH R01 HL54776 Gene/diet effects on plasma lipoprotein levels (PI: Ordovás)
1999-04 NIH R01 DA11598-01 Nutrition in HIV-positive Hispanics (PI: Gorbach)
1996-01 NIH R01 AR41398 Risk factors for age related bone loss (PI: Kiel)
1996-99 Arthritis Foundation, Dietary protein and bone loss (PI: Hannan)

Mentor for student/postdoctoral research fellowships and awards

2013 ASN Vitamins & Minerals RIS graduate student poster award (Xiao R, $500)
2011 Am Soc Bone Min Res (ASBMR) Young Investigator Award, (Bhupathiraju S, $1000)
2010 NIH Office of Dietary Supplements (ODS), travel award to practicum (Bhupathiraju S)
Student National Med Assoc David E. Satcher research fellowship (Landry L, $5000)
Assoc Rheumatol Health Professionals (ARHP) grad student award (Bhupathiraju S, $500)
Soc Epidemiol Res (SER) Student abstract award (Bhupathiraju S, $500)
ASN nutrition epidemiology RIS grad student award (Bhupathiraju S, $500)
ASN Emerging clinical leader award finalist (Landry L, $1000)
2009 ASN Nutritional epidemiology RIS graduate student poster award (Mattei J, $500)
2008 ASBMR Young Investigator Award, (Sahni S, $1000)
2007 McDonald's scholarship for plant-based nutrition studies, (Sahni S, $3000)
2006-07 NIA training supplement: 3 P01 AG023394-04S1 (Mattei J, $76,352)
2006 HNRCA Rosenberg Award, best graduating PhD student paper (Gao X, $1000)
2005 ASN, Nutritional epidemiology graduate student poster award (Gao X, $500)
Tufts University College of Citizenship and Public Service (Goosby L, $3000)
2004 Tufts Center for Children, Applied research small grant (Gao X, $1,500)
2004-07 NIH loan repayment program (Newby PK, $90,000)
2004-07 NIH Ruth L. Kirschstein NRSA NIH F31 MH073329-01 (Merete C, $152,000)
2004-05 Charles A. King Trust postdoctoral fellowship award (Huang T, $38,000)
1998-99 Brookdale national fellowship (Castaneda C, $130,000)
1993-94 NIA supplement for minority training AG10425-S (Rivera L, $43,000)

Training Grants (faculty participant)

2003-11 NIH, Nutrition & Cardiovascular Disease, T32 HL69772 (PI: A Lichtenstein)
1994-97 USDA Food and Ag Sci National Needs Grad Fellowships (PI: R Wood)

PUBLICATIONS

Citation indices COS Mar 1, 2013

Results found:	**244**
Total citations	**8932**
Citing articles	**7053**

Average citations per year	**343**
Average citations per item	**37**
h-index	**54**

Edited Book

Ross C, Caballero B, Cousins R, **Tucker KL**, Zeigler T (Eds). *Modern Nutrition in Health and Disease*, 11th edition, Dec 2012, Lippincott, Williams & Wilkins, Philadelphia. 1616 pages. ISBN 13: 9781605474618

Manuscripts submitted

1. Andrews Chavez JY, Lee CS, Houser RF, **Tucker KL**. Factors associated with alcohol consumption patterns in a Puerto Rican urban cohort. *Pub Health Nutr*
2. Beydoun MA, Gamaldo A, Beydoun HA, Tanaka T, **Tucker KL**, Talegawkar S, Ferrucci L, Zonderman A. Caffeine, alcohol and overall nutrient adequacy are associated with longitudinal cognitive performance among US adults. *Am J Epidem*
3. Palacios C, Trak, MA, Betancourt J, Joshipura KJ, **Tucker KL**. Validation and reproducibility of a semi-quantitative food frequency questionnaire for use in the Puerto Rican population. *J Acad Nutr Dietet*
4. Pescador Jimenez M, **Tucker KL**, Falcon LM. Labor market experiences and allostatic load among older Puerto Rican adults. *J Occ Health Psyc*
5. Choi YH, Miller JM, PhD, **Tucker KL** Hu H, Park SK. Antioxidant Vitamins and Magnesium and the Risk of Hearing Loss in the U.S. General Population *Ann Internal Med*
6. Zheng JS, Parnell LD, Smith CE, Lee YC, Jamal-Allial A, Ma Y, Li D, **Tucker KL**, Ordovas JM, Lai CQ. Circulating 25-hydroxyvitamin D determines the association of *IRS1* variant rs2943641 with insulin resistance: two independent studies. *Diabetes Care*
7. Sprague-Martinez L, Reich, A, Maras J, Ortiz A, Rivera B, Freeman E, **Tucker KL**, Perea F. Engaging urban youth of color in dietary assessment and the disparities dialog. *Progress in Community Health Partnerships: Research, Education and Action*
8. Bakulski KM, Park SK, Weisskopf MG, **Tucker KL**, Sparrow D, Spiro III A6-9, Vokonas PS, Nie LHL, Hu H, Weuve J. Lead exposure, B-vitamins, and plasma homocysteine in older men. *Ann Intern Med*
9. Dao MC, Sempértegui F, Estrella B, Hamer DH, **Tucker KL**, Rodríguez A, Griffiths JK, Dallal GE, Meydani SN. Inflammation of obesity and iron status in an elderly Ecuadorian population. *Am J Clin Nutr*
10. Vu L, Rosenzweig J, Sun X, Dean M, Mwamburi M, Paul L, Ordovas J, Rosenberg I, **Tucker K**, Lai C, Qiu WQ. An association between the gene and diabetes in a homebound elderly population. *Int J Envir Res Pub Health*

Submitted and revision requested

11. Mattei J, Bhupathiraju S, Tucker KL. Higher adherence to a diet score based on American Heart Association recommendations is associated with lower odds of allostatic load and metabolic syndrome in Puerto Rican adults *J Nutr*
12. Webb D, Leahy MW, Milner JA, Allison DB, Dodd KW, Gaine PC, Matthews RAJ, Schneeman BO, Tucker KL, Young SS. Strategies to Optimize the Impact of Nutritional Surveys and Epidemiological Studies. *Adv Nutr*
13. Bhupathiraju SN, Lichtenstein AH, Dawson-Hughes B, Hannan MT, **Tucker KL**. Adherence to the 2006 American Heart Association Diet and Lifestyle Recommendations for cardiovascular disease risk reduction is associated with bone health in older Puerto Ricans. *Am J Clin Nutr*

In press

1. Nicklas TA, Jahns L, Bogle ML, Chester DN, Giovanni M, Klurfeld D, Laugero K, Liu Y, Peterson SJ, **Tucker KL**. Barriers and facilitators fort consumer adherence to the Dietary Guidelines for Americans: The HEALTH Study. *J Acad Nutr Dietet*

Journal Articles, Original Research

Advance ePub

2. Todorova I, **Tucker KL,** Pescador Jimenez M, Lincoln A, Arevelo S, Falcon LM. Determinants of self-rated health and the role of acculturation: implications for health inequalities. *Ethnicity & Health.* doi: 10.1080/13557858.2013.771147
3. Zheng J-S, Arnett DK, Parnell LD, Smith CE, Li D, Borecki IB, **Tucker KL**, Ordovas JM, Lai-C-Q. Modulation by dietary fat and carbohydrate of IRS1 association with type 2 diabetes traits in two populations of different ancestries. *Diab Care* 2013; doi: 10.2337/dc12-2607
4. **Tucker KL**, Smith C, Lai CQ, Ordovas JM. Quantifying diet for nurtrigenomic studies. *Ann Rev Nutr* 2013;33: PMID: 23642200

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5. Xheng J-S, Arnett D, Parnell LD, Lee Y-C, Ma Y, Smith CE, Li D, Borecki IB, **Tucker KL**, Ordovas JM, Lai-C-Q. Zheng J-S, Arnett DK, Parnell LD, Lee Y-C, Ma Y, et al. (2013) Polyunsaturated Fatty Acids Modulate the Association between PIK3CA-KCNMB3 GeneticVariants and Insulin Resistance. PLoS ONE 8(6): e67394. doi:10.1371/journal.pone.0067394
6. Ma XY, Qiu WQ, Smith CE, Parnell LD, Jiang Z-Y, Ordovás JM, **Tucker KL**, Lai C-Q. Association between *BDNF*- rs6265 and obesity in the Boston Puerto Rican Health Study. *J Obes* 2012:102942. doi: 10.1155/2012/102942.
7. Sahni S, **Tucker KL**, Kiel DP, Quach L, Casey VA, Hannan MT. Milk and Yogurt consumption are linked with higher bone mineral density but not with hip fracture: the Framingham Offspring Study. *Archives Osteoporosis* 2013;8(1-2):119. PMC3641848
8. Zheng J-S, Arnett D, Parnell LD, Lee Y-C, Ma Y, Smith CE, Richardson K, Li D, Borecki IB, Ordovas JM, **Tucker KL**, Lai C-Q. Genetic variants at *PSMD3* interact with dietary fat and carbohydrate to modulate insulin resistance. *J Nutr* 2013;143:354-61.
9. Smith CE, **Tucker KL**, Lee Y-C, Lai C-Q, Parnell LD, Ordovas JM. Low density lipoprotein receptor related protein 1 variant interacts with saturated fatty acids in Puerto Ricans. *Obesity* 2013;21:602-8. PMC3630241
10. Liu J, Hickson DA, Musani SK, Talegawkar SA, Carithers TC, **Tucker KL**, Fox CS, Taylor HA. Dietary patterns, abdominal visceral adipose tissue and cardiometabolic risk factors in African Americans: the Jackson Heart Study. *Obesity* 2013;21:644-51. PMC3478414
11. Van Rompay MI, McKeown NM, Sceppa C, Ordovás JM, **Tucker KL**. Carbohydrate nutrition differs by diabetes status and is associated with dyslipidemia in Boston Puerto Rican adults without diabetes. *J Nutr* 2013;143:182-8. PMC3542909
12. Ye X, Scott T, Gao X, Maras JE, Bakun PJ, **Tucker KL**. Mediterranean diet, healthy eating index 2005, and cognitive function in middle-aged and older Puerto Rican adults. *J Acad Nutr Diet* 2013;113(2):276-281.
13. Ye X, Bhupathiraju SN, **Tucker KL.** Variety in fruit and vegetable intake and cognitive function in middle-aged and older Puerto Rican adults. *Brit J Nutr 2013;*109(3):503-510.
14. Feng X, **Tucker KL**, Parvell LD, Shen J, Lee YC, Ordovás JM, Ling WH, Lai CQ. Insulin receptor substrate 1 (IRS1) variants confer risk of diabetes in the Boston Puerto Rican Health Study. *Asia Pac J Clin Nutr* 2013;22(1):150-9.

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15. Mitchell DC, **Tucker KL**, Maras J, Lawrence FR, Smiciklas-Wright H, Jensen GL, Still CD, Hartman TJ. Relative validity of the Geisinger Rural Aging Study food frequency questionnaire. *J Nutr Health Aging* 2012;16:667-72. PMC22836711
16. Moorthy D, Peter I, Scott TM, Parnell LD, Lai CQ, Crott JW, Ordovas JM, Selhub J, Griffith J, Rosenberg I, **Tucker KL**, Troen AM. Status of vitamin B-12 and B-6 but not of folate homocysteine and the methylenetetrahydrofolate reductase C677T polymorphism are associated with impaired cognition and depression in adults. *J Nutr* 2012;142:1554-60. PMC22739363
17. Samelson L, Booth S, Fox C, **Tucker KL**, Wang TJ, Hoffmann U, Cupples LA, O'Donnell C, Kiel DP. Calcium Intake Does Not Increase Coronary Artery Calcification: The Framingham QCT Study. *Am J Clin Nutr* 2012;96:1274-1280. PMC3497924
18. Wernimont SM, Clark AG, Stover PJ, Wells MT, Litonjua AA, Weiss ST, Gazian JM, **Tucker KL**, and Cassano PA, Folate network genetic variation predicts cardiovascular disease risk in non-Hispanic white males. *J Nutr* 2012:142: 1272–1279.
19. Farina EK, Kiel DP, Roubenoff R, Schaefer EJ, Cupples LA, **Tucker KL**. Plasma phosphatidylcholine concentrations of polyunsaturated fatty acids are differentially associated with hip bone mineral density and hip fracture in older adults: The Framingham Osteoporosis Study. *J Bone Min Res.* 2012;27:1222-1230.
20. Huang T, **Tucker K**, Lee Y, Crott J, Parnell L, Shen J, Smith C, Ordovas J, Li D, Lai C. MAT1A variants modulate the effect of dietary fatty acids on plasma homocysteine concentrations. *Nutr Metab Cardiovas Dis* 2012;22(4):362-8. PMC3117050
21. Van Rompay MI, McKeown NM, Castaneda-Sceppa C, Falcon, LM, Ordovás JM, **Tucker KL**. Acculturation and sociocultural influences on dietary intake and health status among Puerto Rican adults in Massachusetts. *J Acad Nutr Diet* 2012;112:64-74. PMC3289968

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23. Mattei J, Demissie S, **Tucker KL**, Ordovas JM. The *APOA1/C3/A4/A5* cluster and markers of allostatic load in the Boston Puerto Rican Health Study. *Nutr Metab Cardiovasc Dis* 2011;21(11):862-70. PMC3004022
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27. Sofianou A, Fung T, **Tucker KL**. Differences in diet pattern adherence by nativity and duration of US residence in the Mexican-American population. *J Am Diet Assoc* 2011;111:1563-9.
28. Ye X, Gao X, Scott T, **Tucker KL.** Habitual sugar intake and cognitive function among middle-aged and older Puerto Ricans without diabetes. *Brit J Nutr* 2011;106:1423-32.
29. Oxenkrug G, **Tucker KL**, Requintina P, Summergrad P. Neopterin, a marker of interferon-gamma-inducible inflammation, correlates with pyridoxal-5'-phosphate, waist circumference, HDL-cholesterol, insulin resistance and mortality risk in adult Boston community dwellers of Puerto Rican origin. *Am J Neuroprotection Neuroregeneration* 2011;3:48-52.
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35. Huang T**, Tucker KL,** Lee Y-C, Crott JW, Parnell LD, Shen J, Smith CE, Ordovas JM, Li D, Lai C-Q. Interactions between genetic variants of folate metabolism genes and lifestyle affect plasma homocysteine concentrations in the Boston Puerto Rican population. *Pub Health Nutr* 2011;14:1805-12.
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37. Farina EK, Kiel DP, Roubenoff R, Schaefer EJ, Cupples LA, **Tucker KL**. Dietary intakes of arachidonic acid and alpha-linolenic acid are associated with reduced risk of hip fracture in older adults *J Nutr* 2011;141:1146-53. PMC3095142
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INVITED PRESENTATIONS

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1. Dietary pattern analysis in diverse populations. *Univeristy of Potsdam*, **Germany**, May 2013.
2. Strategies to assess the usual phosphorus intake in population studies. Session: Dietary phosphorus excess: A risk factor in chronic bone, kidney and cardiovascular disease. *Experimental Biology*, Boston MA, Apr 2013
3. Methods for improving usual intake estimation. ILSI symposium on Nutritional Surveys and Epidemiological Studies: Exploring and enhancing methods, interpretation, and communication. *Experimental Biology*, Boston MA Apr 2013
4. Data needs for evidence linking dietary phosphorus excess to health problems in the general population. Conference: Dietary phosphorus excess: what is the impact on public health? *New York Academy of Sciences*. NY. Feb 2013
5. Vegetarian diets, n-3 fatty acids and bone health. 6th *International Congress on Vegetarian Nutrition.* Loma Linda, CA, Feb 2013
6. Diet and health in diverse populations. *Department of Nutrition, University of Massachusetts*, Lowell, MA, Feb 2013
7. Diet and health of older Puerto Rican adults in Massachusetts. *University of Worcester Medical School*, grand rounds, MA, Jan 2013
8. Understanding health disparities: the Boston Puerto Rican Health Study. *Boston University Department of Family Medicine*, MA, Dec 2012
9. Diet and health of older Puerto Rican adults in Massachusetts. *Shanghai Center for Disease Control,* Shanghai, **China**, Oct 2012

10. Gene-diet interactions and chronic conditions in the Puerto Rican Health Study. International Conference on Nutrigenomics and Metabolic Health 2012. *Institute for Nutritional Sciences,* Shanghai, **China**, Oct 2012
11. Diet and body composition in relation to bone status. Hazel K. Stiebeling lecture. Florida State University, Tallahassee, FL, May 2012
12. Formative Research for the Design of a Multi-Level Cardiovascular Disease Prevention Intervention in Puerto Rican Adults. *Tufts CTSI Pilot Studies Symposium*. Tufts University. Apr 2012
13. Industry sponsorship and health-related food research: Ethical challenges for professional associations and patient advocacy organizations: Perspectives from a professional association. Sponsored by the *Rock Ethics Institute at Penn State and the Edmond J. Safra Center for Ethics at Harvard University*. Penn State, University Park, PA, Mar 2012
14. Diet and health in Boston area Puerto Rican adults. Department of Medicine, *Harvard School of Public Health*, Boston, MA. Jan 2012
15. Carbohydrate intake patterns and health in epidemiologic studies. *ILSI North America* Carbohydrates Committee Meeting, Washington DC, Oct 2011
16. Dietary patterns of aging adults. *IOM conference on Nutrition and Healthy Aging in the Community*, Washington DC. Oct 2011
17. Assessing dietary intake for use in studies of gene-diet interaction, Conference on Population based studies in Hispanics" Methodological issues in cancer research. *University of Puerto Rico*, San Juan, **Puerto Rico**. Aug 2011
18. Allostatic load and CVD in Puerto Rican populations. *Harvard Symposium: Stress and Disease: Lessons for Research on Cancer*. May 2011
19. Diet and Bone: the Framingham Osteoporosis Study. Department of Epidemiology seminar series, *University of Massachusetts*, Amherst. Apr 2011
20. Moderate alcohol consumption and aging. **Keynote** presentation, and Moderate alcohol consumption and osteoporosis, additional presentation. Simposio Internacional Moderado Consumo de Alcohol: Riesgos y Beneficios Para La Salud. *Asociacion Colombiana de Endocrinologia*, Bogota, **Colombia**. Feb 2011
21. Diet and bone health. Nutritional Medicine Workshop Series and Certificate Program. *Rush University*, Chicago IL. Jan 2011
22. Cognitive decline with aging: can it be prevented? **Keynote** presentation, *International Symposium of Health Sciences* (i-SIHAT) 2010. Kuala Lumpur, **Malaysia**. Dec 2010
23. Soy foods in the US diet, *American Dietetic Association*, Food and Nutrition Conference and Expo, Boston, MA. Nov 2010
24. Issues in assessing whole grain intake. A (whole) grain of nutritional wisdom, *General Mills Bell Institute conference,* Montreal, **Canada**. May 2010
25. The Boston Puerto Rican Center on Population Health and Health Disparities, *NIH meeting of newly funded CPHHDs*, Bethesda, MD. May 2010
26. Nutrition and bone status: beyond Calcium. *American Society for Nutrition Webinar*. Mar 2010
27. Employing Soy Science: Summitting the mountain of soy research. Porto Novelli's *Food3000 Firenze*, Conference for American Dietetic Association food and nutrition communicators. Florence, **Italy**. Feb 2010

2000-2009

28. Diet quality issues for aging populations. Workshop on providing healthy and safe foods as we age. Institute of Medicine's Food Forum, *National Academy of Sciences*, Washington, DC. Oct 2009
29. The role of fruit and vegetables in preventing cardiovascular diseases, metabolic syndrome and osteoporosis. *3rd Int Symp on Human Health Effects of Fruit and Vegetables*. Avignon, **France**. Oct 2009
30. Nutritional implications of substituting soy for other foods in the US diet. Summit and Workshop on soy foods. *Columbia University Institute for Human Nutrition*. New York. Sept 2009

31. Genetic polymorphisms and epigenetic risk in Puerto Rican adults in Massachusetts. NCI meeting on *Genomics-based research in Latin American populations*. *Latin American Cancer Epidemiology (LACE) Consortium*, Pasadena, CA. Sept 2009
32. The Boston Puerto Rican Health Study. Department of Community Health, *Brown University*, Providence, RI. Jun 2009
33. Dietary pattern analysis of Americans. Joint meeting of the *Korean Rural Development Admin* (RDA) and the USDA Agricultural Research Service. Beltsville, MD. Jun 2009
34. Issues in assessing and interpreting analyses with ethnic differences in dietary patterns. 7th *International Conference on Diet and Activity Methods* (ICDAM7), Washington DC. Jun 2009
35. Dietary patterns: review of methods, approaches and recommendations from an international perspective. *Canadian Society for Nutritional Sciences* symposium on dietary patterns in transitional communities. Quebec City, **Canada**. Jun 2009
36. Population health and team science. Department of Health Sciences, *Northeastern University*, Boston, MA. May 2009
37. Nutrition and bone, beyond calcium: The Framingham Osteoporosis Study. *Johns Hopkins University* Department of International Health, Baltimore, MD. May 2009
38. Use of food frequency questionnaires and other diet surveys compatible with -omics studies. Joint federal agency diet & -omics workshop. *FDA, NIH and USDA/ARS*, Beltsville, MD. Mar 2009
39. Diet and bone, beyond calcium: The Framingham Osteoporosis Study. School of Medicine, *Loma Linda University* Annual Postgraduate Convention, Loma Linda, CA. Mar 2009
40. Cognitive function and dietary and risk factors. Department of Nutrition & Dietetics, *Universiti Kebangsaan Malaysia*, Selangor Darul Ehasan, **Malaysia**. Feb 2009
41. Dietary patterns and chronic disease in the United States. 5th European Congress on Nutrition and Health in the Elderly People (NHE 2008), *Warsaw University of Life Sciences*, Warsaw, **Poland.** Sept, 2008
42. Dietary Intake in the Jackson Heart Study. *Jackson State University*, Jackson, MS. Aug 2008
43. Measuring energy intake, in the session: Do we have the tools to balance the energy balance equation? *Am Diabetes Assoc* 68th Scientific Sessions, San Francisco, CA. Jun 2008
44. Nutrigenomics and Health Disparities. *Am Assoc Cancer Res* Conference: The Science of Cancer Health Disparities in Racial/Ethnic Minorities and the Medically Underserved, Atlanta, GA. Nov 2007
45. Nutrition and health disparities in Boston Puerto Rican adults, Department of Epidemiology and Population Health, *Albert Einstein College of Medicine*, Bronx, New York. Nov 2007
46. Nutrition and health disparities in Boston Puerto Rican adults, Bouve College of Health Sciences, *Northeastern University*, Boston, MA. Nov 2007
47. Diet and bone status: The Framingham Osteoporosis Study. Summer Geriatric Education and Training Program. *Harvard Medical School*, Boston. July 2007
48. Dietary intake: A complex but critical exposure for understanding chronic disease risk and health disparities. Dept Envir Health Sci, *Univ Michigan School of Public Health*, Ann Arbor, MI. May 2007
49. Puerto Rican adults have high prevalence of stress, obesity and poor dietary patterns. *Univ Southern CA* Institute for Health Promotion and Disease Prevention Research/*NIH Conference on Interdisciplinary Science, Health Promotion and Disease Prevention*, Pasadena, CA. May 2007
50. Methodological issues in dietary pattern analysis. XII Congress in Public Health Research, *Instituto Nacional de Salud Publica*, Cuernavaca, **Mexico**. Mar 2007
51. Incorporating Nuts into a Recommended Food Pattern. Nuts & Health Symposium. International Tree Nut Council Nutrition Research & Education Foundation. *Univ CA, Davis*. Mar 2007
52. Health and Nutrition of Puerto Rican adults in the Northeastern US. Video conference for faculty, students and health professionals at the *Univ of Puerto Rico*, San Juan, **Puerto Rico**, Oct 2006

53. Diet and bone status: beyond calcium. Conference on bone health and nutrition. The Pennsylvania Osteoporosis Coalition, *Pennsylvania State Univ*, University Park, PA. Oct 2006
54. Acid base dietary components and fracture risk. *2nd International Acid-Base Symposium*: Nutrition-Health-Disease, Munich, **Germany**. Sept, 2006
55. Diet and bone status: The Framingham Osteoporosis Study. Summer Geriatric Education and Training Program. *Harvard Medical School*, Boston. July 2006
56. Health disparities in Puerto Rican adults. *Univ of Texas, San Antonio*. Jun 2006
57. Diet and cancer: the Puerto Rican connection, Conference on Puerto Ricans and Cancer: The Unequal Burden, Puerto Rican Cancer Center, *Univ of Puerto Rico*, San Juan, **Puerto Rico**. May 2006
58. Diet patterns and indices. Symposium on dietary patterns. *6th International Conference on Dietary Assessment Methods*, Copenhagen, **Denmark**. Apr 2006
59. What are the current concerns in food pattern analysis? Satellite workshop on Methodological concerns in data driven food pattern analysis, *6th International Conference on Dietary Assessment Methods*, Lund, **Sweden**. Apr 2006
60. Methodologic issues in dietary pattern analysis. Symposium on dietary patterns. *Experimental Biology*, San Francisco, CA. Apr 2006
61. B vitamins, homocysteine and cognitive function with aging. Dept of Occupational Health, *Harvard School of Public Health,* Boston. Mar 2006
62. Diet and bone, beyond calcium: The Framingham Osteoporosis Study. USDA Children's Nutrition Research Center, *Baylor College of Medicine*, Houston. TX, Jan 2006
63. Homocysteine and cognitive decline with aging. Symposium on homocysteine and disease: basic and clinical aspects *Cellular and Molecular Biology 4th World Congress*, Poitiers, **France**. Oct 2005
64. Diet and bone mineral density. The Framingham Osteoporosis Study*, International Life Sciences Institute* (ILSI), Tokyo **Japan**. Aug 2005
65. Nutrition, stress and aging in Boston area Puerto Rican adults, *International Symposium on Stress Control and Nutrition,* Tokushima Univeristy, Tokushima, **Japan**. Aug 2005
66. B vitamins, homocysteine and cognitive function with aging. *Texas Beef Council*, Amarillo, TX. Mar 2005
67. Nutrition and bone mineral density, beyond calcium. *Harvard School of Public Health*, Department of Nutrition Seminar Series, Boston. Feb 2005
68. Diet and bone mineral density, beyond calcium: The Framingham Osteoporosis Study. Department of Nutrition Seminar series, *Pennsylvania State Univ*, University Park, PA. Dec 2004
69. Dietary patterns and bone mineral density. *Wageningen Univ*, the **Netherlands**. Oct 2004
70. Nutrition and bone mineral density, beyond calcium. *Purdue Univ*, Department of Nutrition Seminar Series, Lafayette, IN. Oct 2004
71. Dietary factors in the prevention of osteoporosis. *Congress of Central American Nutritionists and Dietitians*, Panama City, **Panama**. Sept 2004
72. Nutrition and health of Hispanic elders in Massachusetts. Nutrition and chronic disease research interest section meeting, *Experimental Biology*, Washington DC. Apr 2004
73. B vitamins, homocysteine and cognitive function with aging. Grand Rounds in Psychiatry, Dept of Psychiatry, Tufts *New England Medical Center*, Boston, MA. Feb 2004
74. B vitamins, homocysteine and cognitive function with aging. Division of Human Nutrition Department of Preventive Medicine & Community Health, *Univ of Texas Medical Branch*, Galveston, TX. Feb 2004
75. B vitamins, homocysteine and cognitive function with aging. **Keynote** address for the *Georgia Nutrition Council* Annual Meeting, Athens, GA. Feb 2004
76. Nutrition and bone mineral density, beyond calcium. Afternoon talk at the *Georgia Nutrition Council Council* Annual Meeting, Athens, GA. Feb, 2004
77. Demographic change and implications for food, nutrition and agriculture. *USDA National Leadership Conference*. New Orleans, LA. Jan 2005

78. B vitamins, homocysteine and cognitive function with aging. *Am Diet Assoc*, Food & Nutrition Conference & Exhibition. San Antonio, TX. Oct 2003
79. Issues in diet and nutrition for Hispanic populations in the US. Epidemiologic research in Hispanic populations-opportunities, barriers and solutions. *NHLBI* working group. Bethesda, MD. July 2003
80. The importance of folate in prevention of vascular disease and cognitive decline. *San Francisco Department of Public Health*. In Illness and In Health: Folic Acid in the Life Cycle, San Francisco, CA, May 2003
81. Evidence of use of dietary supplements by the elderly: Current usage patterns: who and what? *NIH ODS/NIA Conference on Dietary supplement use in the elderly*, Bethesda, MD. Jan 2003
82. Vitamins and cognitive function. *Functional Foods Forum* for the Japanese Functional Foods Assoc, Boston, MA. Nov 2002
83. B vitamins and cognitive function. *National Cattlemen's Beef Assoc*, Am Diet Assoc Spokesperson Retreat, Greenbrier Resort, WV. Nov 2002
84. Protein, vitamin B12 and bone mineral density. *National Cattlemen's Beef Assoc*, Am Diet Assoc Spokesperson Retreat, Greenbrier Resort, WV. Nov 2002
85. Magnesium, potassium and bone mineral density, *Wellspring Educational Program*: Electrolyte Imbalance: Complications in Disease Management, Washington, DC. Nov 2002
86. Plant based proteins in a healthy diet. *Am Diet Assoc*, Food & Nutrition Conference & Exhibition. Philadelphia, PA. Oct. 2002
87. B vitamins and cognitive function. *National Cattlemen's Beef Assoc Discovery Symposium*. Denver, CO. Sept 2002
88. Dietary magnesium and bone: Epidemiological studies. *Gordon Conference: Magnesium In biochemical processes and medicine*. Ventura, CA. May 2002
89. Dietary patterns: Is cluster analysis useful in diet and health research? *Wageningen Univ*, **Netherlands**. Dec 2001
90. Methodologic considerations in nutritional epidemiology when working with minority populations. Epidemiology Department, *Univ of Massachusetts, Amherst*, MA. Nov 2001
91. Nutrition and health of Hispanic elders. Nutrition and Aging: *Regional Joint Dietetic Internship Day*, Francis Stern Nutrition Center, Boston, MA. Nov, 2001
92. Health and nutrition in Hispanic elders. Department of Family Medicine and Community Health seminar series, *Tufts Univ School of Medicine*, Boston, MA. Mar 2001
93. Approaches to Dietary Assessment. *Kraft Foods* Explore and Learn Day. Boston, MA. Mar, 2001
94. Current Studies on B vitamin status in the elderly. Nutrition and Aging: *Regional Joint Dietetic Internship Day,* Francis Stern Nutrition Center, Boston, MA. Dec 2000
95. The acid-base hypothesis: Diet and bone in the Framingham Osteoporosis Study. International Scientific Symposium: "Acid-Base Metabolism: Nutrition – Health – Disease" at the *Technische Universität München-Weihenstephan*, **Germany**. Oct 2000
96. Diets of low-income groups in the United States. Conference on Dietary Imbalances and Health of the Poor. *Children's Hospital Oakland Research institute*, Oakland, CA. June 2000
97. B vitamins, homocysteine and health: dietary sources, intake and status in populations. *Kellogg Co*. Media and Health Professional Leadership Briefing, Washington DC. Apr 2000
98. Hispanic Nutrition and Health. Conference on Minority Nutrition and Health. *Florida State Univ*, Tallahassee, FL. Mar 2000

1990-1999

99. B vitamins, homocysteine and health. School of Dietetics and Human Nutrition Seminar Series. *McGill Univ,* Ste. Anne de Bellevue, Quebec, **Canada**. Dec 1999
100. Judging the strength of scientific evidence for inferring causality between food or nutrient intake and health. Dietary Advice for the Public: The Practical Use of Nutritional Epidemiology. Symposium at the *Am Public Health Assoc* meetings, Chicago, IL. Nov 1999

101. Vitamin B12 Deficiency. *Audio Conferences for Physician continuing education* credit Univ of Wisconsin and Market Development Group: three conferences, Aug-Oct 1999
102. B vitamins, homocysteine and health: dietary sources, intake and status in target populations. Symposium on the current state of understanding of B vitamins, homocysteine and Heart Disease. *Kellogg Co*., Battle Creek, MI. Sept.1999
103. Diet and Health among Latino elders in Massachusetts: Lessons for Central America. Symposium at the 50th anniversary celebration of the *Instituto de Nutricion de Centro America y Panama* (INCAP), Guatemala City, **Guatemala**. Sept 1999
104. Dietary patterns and aging. Dietary needs of the mature consumer. Conference organized by *M&M Mars*. de Ruwenberg conference center, BV, **Netherlands**. July 1999
105. Fruits and vegetables protect bone mineral density in the Framingham Study. 5 A Day Signature Luncheon and Press Conference. *Produce for Better Health Foundation*, NY, NY. May 1999
106. B vitamins and homocysteine: Risks and benefits to folic acid fortification for older adults. Gerontology Research Center, *NIA Intramural Research Program*, Baltimore, MD. Jan 1999
107. B vitamins, health and aging. *Kellogg Corporation* executive seminar, Battle Creek, MI, Dec1998
108. Dietary and anthropometric assessment of nutritional status. *Massachusetts College of Pharmacy* course in nutrition for Physician Assistants, Boston, MA. Oct 1998
109. Food shortages and an epidemic of optic and peripheral neuropathy in Cuba. Pugwash worshop on "Public Health Systems in Developing Countries," Havana, **Cuba**. Sept 1998
110. B vitamins and cognitive function. Beyond the basics: Breakthroughs in B vitamin research. *Conference for editors. Ketchum Public Relations* and Vitamin Nutrition Information Service. New York, NY. May 1998
111. Food frequency development for use with an ethnic minority group. Course in Nutritional Epidemiology, *Boston Univ*, Boston, MA. Apr 1998
112. Nutrition and disability among Latino elders in Massachusetts. *Mauricio Gaston Institute* for Latino Community Development and Public Policy Speaker Series. Univ of MA, Boston, MA. Nov 1997
113. Folic acid and homocysteine: Food intake. Issues forum on cardiovascular disease: *Am Heart Assoc*, Nutrition Committee of the Scientific Councils Industry Nutrition Advisory Panel. Dallas, TX. Apr 1997
114. The Massachusetts Hispanic elders study. *Experimental Biology* workshop: Community-based studies of nutrition in the elderly: Research methods and outcomes. New Orleans, LA. Apr 1997
115. Nutritional considerations in the Cuban epidemic of optic and peripheral neuropathy. Course in Nutritional Epidemiology, *Boston Univ*, Boston, MA. Apr 1997
116. B vitamins, vascular disease and aging. Nutrition, Vitamins & Disease '96: A seminar for pharmacists & other health professionals. Continuing education program. *Mass College Pharmacy*, Boston, MA. Nov 1996
117. Nutrition and frailty among elderly Hispanic groups in Massachusetts. Symposium. Hispanic health and aging: Research results from four federally funded projects. *Gerontol Soc Am*. Washington DC. Nov 1996
118. B vitamins, vascular disease and aging. *Roche Argentina's* Continuing Education Program. Buenos Aires, Tucuman and Mar del Plata, **Argentina**. Sept 1996
119. The Massachusetts Hispanic Elders Study: Food frequency development and some preliminary results. *Johns Hopkins* School of Public Health, Dept Epidemiology, Baltimore, MD. Jun 1996
120. Healthy Eating: Micronutrients and health. *Am Assoc of Retired Persons* (AARP) Biennial Convention, Denver, CO. May 1996
121. Nutrition and disability among Hispanic elders in Massachusetts. Older Americans: Nutritionally neglected? Addressing their needs: A *USDA satellite Video Conference*, Ashland, MA Apr.
122. Adapting assessment tools for special populations. *Lower Mississippi Delta Nutrition Intervention Research Initiative* Dietary Assessment Conference. Washington DC. Mar 1996

123. Assessment of dietary intake. Nutrition, Vitamins & Disease: Seminar for Pharmacists and Nurses. *Mass College Pharmacy*. Boston, MA. Dec 1995
124. Diet and health of Hispanic elders in Massachusetts: Food frequency development and preliminary descriptive results. *Harvard School of Public Health* Seminar. Boston, MA. Oct 1995
125. The use of meta-analyses and epidemiologic approaches to determine mineral element requirements. School of Medicine, *Univ North Dakota*, Grand Forks, ND. Sept 1995
126. Nutrition and aging, current research. *Region IX White House Conference on Aging*. Administration on Aging. San Francisco State Univ, San Francisco, CA. Mar 1995
127. Aging and micronutrient status. *The Kellogg Nutrition Symposium*: Focus '94, Micronutrients - Their role in a modern lifestyle. Sydney, **Australia**. May 1994
128. Collecting data in metropolitan areas. *NIH/NIA conference*: Forging the future of minority aging research: Recent findings and new directions. Bethesda, MD. Aug 1994
129. Assessment of dietary intake. Pharmacy and Nutrition: Food for Thought. Continuing education program. *Mass College Pharmacy* and Allied Health Sciences. Boston, MA. Dec 1993
130. Food intake clusters: A measure of dietary behavior and health risk. Department of Nutritional Sciences Seminar. *Univ of Connecticut*. Storrs, CT. Dec 1993
131. Sampling Hispanic elderly in Massachusetts. Pre-conference workshop on effective sampling strategies for rare populations. *Gerontolog Soc Am*. New Orleans, LA. Nov 1993
132. Diet and aging. *Commodity Supplemental Food Program National Meeting*. Albuquerque, NM. May 1993
133. Patterns of food and nutrient intake among the elderly. *18th National Nutrient Databank Conference*. Baton Rouge, LA. May 1993
134. Nutrition and aging in the Latino community. *Family Service Assoc of Greater Lawrence*. Lawrence, MA. May 1993
135. Nutrition and health. Talk for visiting Guatemalan extensionists. *US Information Agency*. Roxbury Community College, Boston, MA, May 1993
136. Work patterns, prenatal care and nutritional status of pregnant subsistence farmers in Central Malawi. *International Center for Research on Women* (ICRW) Conference; Better Health for Women: Research from the Maternal Nutrition and Health Care Program. Washington, DC. Feb 1990

1987-89

137. Women's roles and nutrition in developing countries. *McGill/MIT Pugwash Conference*, Massachusetts Institute of Technology, Cambridge, MA. Oct 1989
138. Family differentiation and child nutrition. 1st annual conference of the *Assoc for the Study of Food in Society*: Understanding global food problems: A new beginning. Grand Rapids, MI. Apr 1987

Conference organization/ invited participation

1. Host, with D Williams, 3rd annual conference of the 2nd group of NIH *Centers for Population Health and Health Disparities*, Northeastern and Harvard Universities, Boston, MA, May 2013
2. Chair, session on Food: Balancing Risk and Benefit – Challenges and Limitations for Risk Management, Annual meeting of the International Life Sciences Institute (ILSI), Miami, FL, Jan 2013
3. Chair, graduate student awards symposium. Experimental Biology, Washington, DC, Apr 2012
4. Chair, graduate student awards symposium. Experimental Biology, Washington, DC, Apr 2011
5. Chair, session on Nutrition, obesity and heart disease. Jackson Heart Study Scientific Conference. Jackson, MS, Sept, 2010
6. Co-chair, graduate student awards symposium. Experimental Biology, Anaheim, CA, Apr 2010
7. Invited participant, Behavioral and Social Research Program of the National Institute on Aging. Exploratory Workshop on *Theoretical and Measurement Issues Relating to the Concept of Allostatic Load*, Washington DC, Oct 2007

8. Host, Wageningen University PhD Study Tour, exchange workshop on *nutrition and agin*g, Boston, MA, Oct 2007
9. Host, 4th annual conference, NIH *Centers for Population Health and Health Disparities*, Tufts University, Boston, MA, Jun 2007
10. Invited participant, USDA ARS Human Nutrition National Program (NP 107) *Stakeholders Workshop*, Baltimore, MD, Feb 2007
11. Invited participant, Women, Obesity, and Public Health: An Interdisciplinary Workshop. Society for Women's Health Research, Washington DC, Oct 2006
12. Chair, symposium: *Dietary patterns and indices.* 6th Int Conf on Dietary Assessment Methods. Copenhagen, Apr 2006
13. Chair, mini-symposium: *Nutrition epidemiology*: biomarkers, physical activity and diet, Experimental Biology (EB), San Diego, CA, Mar 2005
14. Session moderator: *Cognitive Decline*. 4th European Cong Nutr and Health in the Elderly, Toulouse, France, Nov 2004
15. Invited participant. *National Children's Study Workshop on Dietary Assessment*. National Inst Child Health and Development, NIH, Washington DC, Sept 2004
16. Chair, workshop: *New approaches to dietary assessment*. Congress Central Am Nutritionists & Dietitians, Panama City, Panama, Sept 2004
17. Invited participant: Discussion group on *epidemiologic research in Hispanic populations*: opportunities, barriers and solutions, NHLBI/NIH, Bethesda, MD, July 2003
18. Co-chair, mini-symposium: *Dietary intake and methods*, EB, New Orleans, LA, Apr 2002.
19. Invited participant, *Conference on Dietary Supplements*, Office of Dietary Supplements, NIH, Bethesda, MD, July 2001
20. Co-chair, symposium: *International nutrition and aging*, EB, Orlando, FL, Apr 2001
21. Chair, mini-symposium: *Dietary assessment methods*, EB, Orlando, FL, Apr 2001
22. Co-chair, mini-symposium: *Dietary intake and food insecurity*, EB, Orlando, FL, Apr 2001
23. Invited participant: *Vitamin B12 deficiency expert's forum*, San Francisco, CA, May 1999
24. Organizing Committee, *International Dietary Assessment Methodology Conference*, 1998-2000
25. Session chair: *Folic acid database issues*, 22nd National Nutrient Databank Conference, San Francisco, CA, Apr 1998
26. Invited participant: *Consensus Workshop on Dietary Assessment*: Nutrition monitoring and tracking the year 2000 objectives, NCHS, Washington DC, 1995

SUBMITTED ABSTRACT PRESENTATIONS

2012-2013

1. Pescador Jimenez M, Osypuk T, Arevalo S, Tucker KL, Falcon LM. Longitudinal analysis of the impact of neighborhood context on allostatic load in older Puerto Ricans. Am Pub Health Assoc, Boston, MA, Nov 2013.
2. Sprague-Martinez L, Reich A, Maras J, Tucker KL, Pereira F. Engaging urban youth of color in dietary assessment and the disparities diaglog. Am Pub Health Assoc, Boston, MA, Nov 2013
3. Bakulski KM, Weuve J, Farooqui Z, Cassano PA, Sparrow D, Weisskopf MG, Tucker KL, Hu H, Park SK. *MTHFR* genotype modifies the effect of lead exposure on plasma homocysteine in older adults. Internat Soc Envir Epidemiol, Basel, Switzerland, Aug 2013.
4. Cruz-Correa, M, Tucker KL. Clinicopathological characterization and nutritional assessment of Hispanics with sporadic microsatellite unstable colorectal cancers. Digestive Disease Week, Orlando, FL, May 2013
5. Franck J, Kansy M, Maras J, Tucker KL. A whole foods diet with omega-3 and vitamin D supplementation is associated with improved health outcomes in children with ASD. Experimental Biology, Boston, MA, Apr 2013

6. Wurth R, Jamal-Allial A, Tucker KL. Bone Mineral Density in Relation to Type of Dairy Consumed within Older Puerto Ricans. Experimental Biology, Boston, MA, Apr 2013
7. Jamal-Allial A, Tucker KL. An inverse Association of Vitamin D Serum Concentration with Inflammatory markers among older Puerto Ricans. Experimental Biology, Boston, MA, Apr 2013
8. Hickson DA, Gao Y, Talegawkar S, Liu J, Manjourides J, Diez Roux AV, Tucker KL. Lifecourse socioeconomic position and dietary intakes and patterns in the Jackson Heart Study. Experimental Biology, Boston, MA, Apr 2013
9. Xiao R, Reeves KW, Bertone-Johnson E, Noel S, Tucker KL. Acid-lowering Agent Use and Vitamin B_{12} Status Among Puerto Rican Adults. Experimental Biology, Boston, MA, Apr 2013
10. Jamal-Allial A, Tucker KL. Vitamin D Serum Concentrations and Atheroprotective high-density lipoprotein in Older Puerto Ricans. Experimental Biology, Boston, MA, Apr 2013
11. Andrews Chavez JY, Houser RF, Lee CS, Tucker KL. Factors associated with alcohol drinking in Puerto Rican adults residing in Boston, Massachusetts. Experimental Biology, Boston, MA, Apr 2013
12. Scott T, Tucker KL. Low plasma vitamin B6 predicts cognitive decline and depression in at-risk individuals. Experimental Biology, Boston, MA, Apr. 2013
13. Manjourides J, Hickson DA, Talegawkar SA, Liu J, Tucker KL. The effects of neighborhood and individual level covariates on individual dietary patterns: the Jackson Heart Study (JHS). Experimental Biology, Boston, MA, Apr. 2013
14. Sahni S, Tucker KL, Kiel DP, Quach L, Casey V, Hannan MT. Milk intake is associated with lower risk of hip fracture in older men and women: the Framingham Original Cohort. Experimental Biology, Boston, MA, Apr. 2013
15. Sahni S, Tucker KL, Kiel DP, Quach L, Casey V, Hannan MT. High diary intake is associated with lower 4-year bone loss in older men and women with high vitamin D intakes: the Framingham Original Cohort. Experimental Biology, Boston, MA, Apr 2013
16. Talegawkar SA, Chen P, Liu J, Hickson DA, Maras J, Manjourides J, Correa A, Griswold M, Taylor H, Tucker KL. Life's simple 7 and its associations with coronary artery calcium: the Jackson Heart Study. Experimental Biology, Boston, MA, Apr 2013
17. Mattei J, Bhupathiraju S, Tucker KL. Association of an AHA-diet quality score with allostatic load and metabolic syndrome components in Puerto Rican adults. Experimental Biology, Boston, MA, Apr 2013
18. Zheng JS, Arnett DK, Parnell LD, Lee YC, Ma Y, Smith CE, Richardson K, Li D, Borecki IB, Tucker KL, Ordovas Jm, Lai CQ. Polyunsaturated fatty acids (PUFA) modulates associations between PIK3CA-KCNMB3 variants and insulin resistance. Experimental Biology, Boston, MA, Apr 2013
19. Noel S, Manjourides J, Scott TM, Spiro A III, Tucker KL. Coffee intake and cognitive fundtioning in men. Experimental Biology, Boston, MA, Apr 2013
20. Bidulescu A, Liu J, Hickson DA, Musani SK, Talagawkar SA, Carithers TC, Tucker KL, Fox CS, Taylor HA. Direct association of the US "southern" dietary pattern with visceral adipose tissue and cardiometabolic risk factors in African Americans: The Jackson Heart Study. 2012 Science of Eliminating Health Disparities Summit. National Harbor, MD, Nov 2012.
21. Sahni S, Tucker KL, Kiel DP, Quach L, Casey V, Hannan MT. Positive association of dairy intake with bone mineral density (BMD) depends on vitamin D intake: the Framingham Original Cohort. Am Soc Bone Mineral Res, Minneapolis, MN Sept 2012
22. Liu J, Bidulescu A, Hickson D, Musani SK, Talagawkar SA, Carithers TC, Tucker KL, Fox CS, Taylor HA. Direct Association of the US 'Southern' Dietary Patterns with Visceral Adipose Tissue and Cardiometabolic Risk Factors in African Americans: the Jackson Heart Study. Am Heart Assoc., Los Angeles, CA, Nov 2012

23. Jahns L, Bogle M, Chester D, Laugero K, Tucker K, Nicklas T. Barriers and Facilitators to Following the Dietary Guidelines for Solid Fats and Added Sugars: The HEALTH study. Food & Nutrition Conference & Expo (FNCE), Philadelphia, PA, Oct 2012
24. Jahns L, Bogle M, Chester D, Laugero K, Tucker K, Nicklas T. Understanding the Barriers to Dietary Guideline Adherence: The HEALTH study. FNCE, Philadelphia, PA, Oct 2012
25. Sahni S, Tucker KL, Kiel DP, Quach L, Casey VA, Hannan MT. Dairy foods, but not cream, are associated with higher bone mineral density (BMD): The Framingham Offspring Study. International Symposium on the Nutritional Aspects of Osteoporosis, Lausanne, Switzerland, May 2012
26. Jamal A, Homsi Y, Tucker KL. Vitamin D Status in Relation to Metabolic Risk Factors in Older Puerto Ricans. Experimental Biology, San Diego, CA, Apr 2012
27. Sceppa C, Price LL, Falcon LM, Tucker KL. Incidence of Physical Impairment and Disability in Puerto Rican Adults: The Boston Puerto Rican Health Study. Experimental Biology, San Diego, CA, Apr 2012
28. Landry L, Tucker KL. The association between Serum Estrogen, Fat Mass and Type 2 Diabetes in the Boston Puerto Rican Health Study (BPRHS). Experimental Biology, San Diego, CA, Apr 2012

2010-2011

29. Todarova I, Lincoln A, Arevelo S, Pescador Jimenez M, Tucker KL, Falcon LM. Determinants of Self-rated health and implications for health inequalities for older adults. Gerontol Soc Am, Boston, MA, Nov 2011
30. Bhupatharaju S, Hannan MT, Dawson-Hughes B, Tucker KL. Depression, Antidepressants, and Bone Mineral Density (BMD) in Older Puerto Ricans: The Boston Puerto Rican Health Study. Am Soc Bone Mineral Res, San Diego, CA, Sept 2011
31. Sahni S, Kiel DP, Tucker Hannan MT. Positive Association of Total Dairy and Milk Intake with Bone Mineral Density (BMD): Results from the Framingham Offspring Study. Am Soc Bone Mineral Res, San Diego, CA, Sept 2011
32. Ye X, Bhupatharaju S, Tucker KL. Fruit and vegetable variety and cognitive function in older Puerto Ricans, Experimental Biology, Washington DC, Apr 2011
33. Bhupatharaju S, Hannan MT, Dawson-Hughes B, Tucker KL. A diet pattern intended for cardiovascular disease (CVD) risk reduction is associated with higher bone mineral density (BMD) in older Puerto Ricans, Experimental Biology, Washington DC, Apr 2011
34. Dao MC, Sempértegui F, Estrella B, Hamer D, Tucker K, Rodríguez A, Dallal G, Griffith J, and Meydani SN. Hepcidin in elderly Ecuadorians: A link between inflammation, BMI, and iron status, Experimental Biology, Washington DC, Apr 2011
35. VanRompay M, McKeown N, Ordovas J, Tucker KL. Carbohydrate intake, blood lipids, and diabetes in the Boston Puerto Rican Health Study, Experimental Biology, Washington DC, Apr 2011
36. Mattei J, Smilth C, Ordovas J, Tucker KL. APOE gene variants interact with dietary fat intake in association with cognitive function in Puerto Rican older adults Experimental Biology, Washington DC, Apr 2011
37. Sahni S, Hannan MT, Quach L, Casey VA, Tucker KL. Is dairy intake associated with risk of hip fracture: 12-year follow-up in the Framingham Offspring Study? Experimental Biology, Washington DC, Apr 2011
38. Hickson D, Diez Roux AV, Smith A, Tucker KL, Gore L, Zhang L, Wyatt S.Relation of fast food restaurant availability with obesity and dietary intake among African Americans in the Jackson Heart Study, 2000-2004. Am Pub Health Assoc, Denver, CO, Nov 2010
39. Sahni S, McLean R, Tucker KL, Cupples LA, Kiel DP, Hannan MT. Protective Association Of Total Protein Intake With Lean Mass And The Odds Of Having Low Total Lean: Fat Mass In The Middle-Aged Men And Women: The Framingham Osteoporosis Study. J Bone Min Res, Toronto, Canada, Oct 2010

40. Hannan MT, Sahni S, McLean RR, Broe KE, Cupples LA, Tucker KL, Kiel DP. No relation between dietary protein and bone loss in men, premenopausal women or postmenopausal women: Framingham Osteoporosis Study. J Bone Min Res, Toronto, Canada, Oct 2010
41. Bhupathiraju S, Hannan MT, Dawson-Hughes B, Tucker KL. Protein intake is associated with bone mineral density in older Puerto Ricans. J Bone Min Res, Toronto, Canada, Oct 2010
42. Hickson D, Diez Roux AV, Smith A, Tucker KL, Gore L, Zhang L, Wyatt S. Relation of fast food restaurant availability with obesity and dietary intake among African Americans in the Jackson Heart Study, 2000-2004. Am Pub Health Assoc, Denver, CO, Nov 2010
43. Bhupathiraju S, Dawson-Hughes B, Hannan MT, Tucker KL. Centrally located body fat is associated with lower bone mineral density in older Puerto Ricans. Soc Epidemiol Res, Seattle WA, Jun 2010

Epidemiology student travel award

44. Bhupathiraju S, Dawson-Hughes B, Lichtenstein A, Tucker KL. Greater fruit and vegetable intake is associated with increased bone mass in older Puerto Ricans. Experimental Biology, Anaheim CA, Apr 2010

Nutritional epidemiology graduate student poster award winner

45. Jamal-Allial A, Tucker KL. Plasma Vitamin D Concentrations and Dietary Sources among Puerto Ricans Living In the Greater Boston Area. Plasma Vitamin D Concentrations and Dietary Sources among Puerto Ricans Living In the Greater Boston Area. Experimental Biology, Anaheim CA, Apr. Abstract 5219, Apr 2010
46. Landry L, Lichtenstein A, Taylor H, Tucker KL. Omega-3 Fatty-Acid Intake in Relation to Serum Lipid Concentrations in African-Americans: Jackson Heart Study (JHS). Experimental Biology, Anaheim CA, Apr. Abstract 5479, Apr 2010

Finalist for ASN emerging clinical leader award

47. Ye Xingwang, Tucker KL. Dietary intake and plasma status of total carotenoids are inversely associated with depressive symptomatology in the Boston Puerto Rican Health Study. Experimental Biology, Anaheim CA, Apr. Abstract 5241, Apr 2010
48. Landry LG, Lee Y-C, Wilson JG, Lichtenstein AH, Taylor HADeStafano AL, Tucker KL, Ordovas J. The contribution of genes to lipid phenotypes in African Americans: Jacson Health Study (JHS). New England Science Smposium, Boston, MA, Feb 2010

Honorable mention award for best graduate student poster

49. Bhupathiraju S, Lichtenstein A, Dawson-Hughes B, Tucker KL Development and Validation of a Diet Score Based on the 2006 American Heart Association (AHA) Diet and Lifestyle Recommendations. New England Science Symposium, Harvard Medical School, Boston, MA. Feb 2010

2005-2009

50. Sahni S, Cupples LA, McLean R, Tucker KL, Broe KE, Kiel DP, Hannan MT. Protein intake: A double edge calcium sword for hip fracture risk. J Bone Mineral Res 2009; 24 (Suppl 1). 2009
51. Hannan MT, Sahni S, Kiel D, Broe K, Tucker KL, Cupples LA, McLean R. Dietary Protein Intake is Associated with Lean Mass In Elderly Men And Women: The Framingham Osteoporosis Study. J Bone Mineral Res 2009; 24 (Suppl 1). 2009
52. Castaneda-Sceppa C, Noel SE, Van Rompey M, Falcon LM, Tucker KL. Factors associated with poor lower extremity function in Puerto Rican older adults. Gerontolog Soc of Am (GSA) Nov 2009
53. Tucker KL, Noel S, Falcon LM. Dietary pattern is associated with allostatic load and physical disability in older Puerto Rican adults. International Assoc Gerontol & Geriatrics. Paris, France, Jul 2009
54. Falcon LM, Todorova I, Tucker KL. Perceived social support is associated with allostatic load differently by men and women. International Assoc Gerontol & Geriatrics. Paris, France, Jul 2009
55. Mattei J, Demissie S, Falcon, L, Ordovas J, Tucker KL. Allostatic load is associated with chronic conditions in Puerto Rican older adults. Am Pub Health Assoc, Philadelphia, PA. Nov 2009

56. Forrester JE, Knox TA, Blumberg J, Tucker KL, Yeum J, Rhee MS. Does illicit drug use aggravate liver disease in HIV/hepatitis C infection? Hepatology 2009; 50(4)(Suppl): 927A, Oct 2009
57. Lai C-Q, Tucker KL, Parnell LD, Shen J, Warodomwichit D, Lee Y-C, Crott JW, Ordovas JM. *MAT1A* variations, hypertension, stroke, and DNA damage in the Boston Puerto Rican Health Study: modulation by vitamin B6 and folate status. XV Internat Symp Atherosclerosis, Boston, MA. Jun 2009
58. Bhupathiraju S, Bakun P, Tucker KL. Associations of variety and number of servings of fruits and vegetables with coronary heart disease risk and inflammation in older Puerto Ricans. XV Internat Symp Atherosclerosis, Boston, MA. Jun 2009
59. Junyent M, Tucker KL, Smith CE, Garcia Rios A, Mattei J, Lai C-Q, Parnell LD, Ordovás JM. Smoking modulates the effect of *ABCG5/G8* polymorphisms on plasma HDL cholesterol levels in the Boston Puerto Rican Health Study. XV Internat Symp Atherosclerosis, Boston, MA. Jun 2009
60. Hsiao, PY, Mitchell, DC, Hartman, TJ, Jensen, GL, Still, CD and Tucker KL. Validation of a targeted food frequency questionnaire to assess nutrition risk in the Geisinger Rural Aging Study. International Conference on Dietary and Activity Methodology (ICDAM). Bethesda, MD. Jun 2009
61. Noel S, Newby PK, Ordovas JM, Tucker KL. Dietary patterns and metabolic syndrome in Puerto Rican adults. International Conference on Dietary and Activity Methodology (ICDAM). Bethesda, MD. Jun 2009
62. Noel S, Newby PK, Ordovas JM, Tucker KL. Fatty acid intake patterns and metabolic syndrome in Puerto Rican adults. International Conference on Dietary and Activity Methodology (ICDAM). Bethesda, MD. Jun 2009
63. Maras JE, Talegawkar S, Qiao N, Stavro M, Tucker, KL. Flavonoid intake: the Baltimore Longitudinal Study of Aging. International Conference on Dietary and Activity Methodology (ICDAM). Bethesda, MD. Jun 2009
64. Ren C, Park SK, Vokonas PS, Sparrow D, Wilker E, Baccarelli A, Suh H, Tucker KL**,** Wright R, Schwartz J. Plasma homocysteine, particulate air pollution, and oxidative stress-related genes—a gene-environment interaction.Am thorac Soc, San Diego, CA. May 2009
65. Mattei J, Demissie S, Tucker KL, Ordovas JM. Apolipoprotein A5 polymorphisms interact with dietary fat intake in association with markers of metabolic syndrome in the Boston Puerto Rican Health Study. Experimental Biology, New Orleans, LA, Apr 2009

Best graduate student poster award: Nutritional epidemiology research interest section

66. Arsenault LN, Scott TM, Folstein MF, Rosenberg I, Tucker KL. EPA and DHA status and indicators of atrophy on MRI scans of older adults. Experimental Biology, New Orleans, LA, Apr 2009
67. VanRompay MI, Castaneda-Sceppa C, McKeown NM, Ordovás JM, Tucker KL. Cardiometabolic risk factors in Puerto Rican adults, Experimental Biology, New Orleans, LA. Apr 2009
68. van de Rest O, Spiro III, A, Krall-Kaye E, Geleijinse JM, de Groot LC, Tucker KL. Intake of fatty fish and n-3 fatty acids intake in relation to cognitive performance and 6 y cognitive change in aging men: the Veterans Affairs Normative Aging Study. Wageningen Nutri Sci Forum. Netherlands. Mar 2009
69. Tucker KL. The Boston Puerto Rican Health Study: from cells to society. NIH Summit: The Science of Eliminating Health Disparities, National Harbor, MD, Dec 2008
70. Smith CE, Scott TM., Tucker KL, Lai C-Q, Parnell L, Lee YC, Ordovás JM.Apolipoprotein C3 polymorphisms, cognition and metabolic measures in Caribbean origin Hispanics. NIH Summit: The Science of Eliminating Health Disparities, National Harbor, MD, Dec 2008
71. Landry LG, Lee Y-C, Wilson JG, Lichtenstein AH, Taylor HA, DeStefano AL, Tucker KL, Ordovás J. The Contribution of Genes to Lipid Phenotypes in African-Americans: Jackson Heart Study. Am Heart Assoc, Nov 2008
72. Buell JS, Scott T, Dawson-Hughes B, Dallal GE, Rosenberg I, Folstein M, Tucker KL. Vitamin D status is associated with neurodegenerative diseases in urban-dwelling elders receiving homecare services. Gerontol Soc of Am, National Harbor, MD, Nov 2008

73. Nesbitt M, Bos A, Padilha DM, Tucker K, Simonsick E, Ferrucci L, Reynolds MA. Poorer Nutritional Intake in the Edentulous, Gerontol Soc of Am, National Harbor, MD, Nov 2008
74. Rioux CL, Parmenter B, Gute DM, Brugge D, Tucker KL. Traffic burden, blood pressure and inflammation in older Puerto Rican adults in Boston, Chelsea and Lawrence, MA. Int Soc Envir Epidemiol, Pasadena CA, Oct 2008
75. Brugge D,Henkin S, Gao X, Qawi I,Tucker KL. Association of multiple factors with respiratory disease among older adult Puerto Ricans in MA. Int Soc Envir Epidemiol, Pasadena CA, Oct 2008
76. Farina EK, Kiel DP, Roubenoff R, Schaefer EJ, Cupples LA, Tucker KL. Essential Fatty Acid and Fish Intake is Associated with Higher BMD in Elderly Women and Men: The Framingham Study. Am Soc Bone Min Res, Montreal, Sept 2008
77. Misra D, Berry SD, Broe KE, Tucker KL, Cupples LA, Kiel DP, Hannan MT. Does dietary protein reduce Hip Fracture Risk in Elderly Men and Women? The Framingham Osteoporosis Study. Am Soc Bone Min Res, Montreal, Sept 2008
78. Sahni S, Hannan MT, Blumberg J, Cupples A, Kiel DP, Tucker KL. Protective effect of total and supplemental vitamin C intake nn the risk of hip fracture: A 17-year follow-up from the Framingham Osteoporosis Study, ASBMR, Montreal, Sept 2008
79. Samuelson E, McLean R, Fox C, Cupples LA, O'Donnell C, Tucker KL, Hannan MT, Kiel D. Calcium Intake Does Not Increase Vascular Calcification: The Framingham QCT Study, ASBMR, Montreal, Sept 2008
80. Todorova ILG, Falcón LM, Tucker KL. Perceived discrimination and psychological distress among Puerto Ricans in Boston, Am Psych Assoc, Boston, MA, Aug 2008
81. Gosai SS, Hannan MT, Blumberg B, Cupples LA, Kiel DP, Tucker KL. Protective effect of total carotenoid and lycopene intake on risk of hip fracture: A 15-year follow-up from the Framingham Osteoporosis Study. EB, San Diego, CA, Apr 2008

Finalist for ASN student RIS poster competition at Experimental Biology 2008

82. Arsenault LN, Scott TM, Tucker KL. Long-Chain Omega-3 fatty acids associated with better cognitive function and less depressive symptoms in a population of Puerto Rican adults in Boston, MA. EB, San Diego, CA, Apr 2008
83. Buell JS, Scott T, Dawson Hughes B, Dallal G, Rosenberg I, Folstein M, Tucker KL. 25-hydroxyvitamin D is associated with cognitive function in an elderly population receiving homecare services. EB, San Diego, CA, Apr 2008
84. Johnson EJ, Maras J, Rasmussen H, Tucker KL. Intake of lutein and zeaxanthin differs with age, gender and ethnicity. EB, San Diego, CA, Apr 2008
85. Hamer DH, Sempértegui F, Estrella B, Tucker KL, Rodríguez A, Egas J, Dallal GE, Selhub J, Meydani SN. Nutritional and Immunological Status and Burden of Infection in Elderly Ecuadorians. EB, San Diego, CA, Apr 2008
86. Sempértegui F, Estrella B, Tucker KL, Hamer DH, Narvaez X, Sempértegui M, Rodríguez A, Noel S, Dallal GD, Selhub J, Meydani SN. Metabolic Syndrome in Elderly Living in Marginal Peri-Urban Communities in Quito, Ecuador. EB, San Diego, CA, Apr 2008
87. Lai C-Q, Tucker KL, Garcia Bailo B, Parnell L, Ordovás JM. WDTC1, an ortholog of Drosophila adipose gene, associates with human obesity. NIH Conference: Cells to Society: Overcoming Health Disparities, Centers for Population Health and Health Disparities in Bethesda, MD Feb 2008
88. Smith C, Lai C-Q, Tucker KL, Ordovás J. Perilipin polymorphism interacts with dietary carbohydrates to modulate anthropometric traits in Hispanics of Caribbean origin. NIH Conference: Cells to Society: Overcoming Health Disparities, Centers for Population Health and Health Disparities in Bethesda, MD Feb 2008
89. Tucker KL, Basettmidle J, Castaneda-Sceppa C, Falcón LM. Allostatic load; definition and relation to disability in Hispanic elders. Gerontological Society of America (GSA) Nov 2007
90. Falcón LM, Rodrigues M, Cortes E, Tucker K. Social Networks and Depression among Older Puerto Ricans. GSA, Nov. 2007

91. Newby PK, Maras J, Bakun P, Muller D, Ferrucci L, Tucker KL. Ready-to-eat cereal intake is inversely associated with measures of body composition and body weight, but not with associated risk factors for chronic disease. NAASO, The Obesity Society, New Orleans, LA, Oct 2007
92. Hyatt R, Griffith J, Tucker KL, Falcón LM. Defining and measuring the concept of community stress for nutrition and physical activity interventions. The Obesity Society, New Orleans, LA, Oct 2007
93. Apovian C, Cullum-Dugan D, Murphy M., Meyers K, Coffma J, Jenkins M, Bakun P, Tucker KL. 24-Hour food recall questionnaire validation designed for web-based lifestyle modification program – DASH for health program. NAASO, the Obesity Society, New Orleans, LA, Oct 2007
94. Lai CQ, Demisie S, Cupples LA, Manning AK, Roberts JF, Parnell LD, Tucker KL, Ordovás JM. Dietary fat intake modulates the effect of apolipoprotein A1/C3/A4/A5 gene cluster on plasma lipoproteins: The Framingham heart Study. 4th annual meeting of NuGO-European Nutrigenomics Organization, Oslo, Norway, Sept 2007
95. McLennan CE, Broe KB, Tucker KL, McLean RR, Kiel DP, Cupples LA, Hannan MT. Dietary protein and bone mineral density (bmd) in the presence of low vs high calcium in men and women of the Framingham Study. ASBMR Honolulu, Hawaii, Sept. 2007
96. Tucker KL, Qiao N, McLennan CE, Broe KE, McLean RR, Kiel DP, Cupples LA, Hannan MT Clusters of dietary protein and relation to bone mineral density (BMD) in Men and Women of the Framingham Offspring Study. ASBMR Honolulu, Hawaii, Sept 2007
97. Sahni S, Hannan MT, Blumberg J, Cupples LA, Kiel DP, Tucker KL. Lack of association of carotenoid intake with bone mineral density (BMD) in older adults: the Framingham Osteoporosis Study. ASBMR Honolulu, Hawaii, Sept 2007
98. McLean RR, McLennan CE, Qiao N, Broe KE, Tucker KL, Cupples LA, Hannan MT. Net endogenous acid production (NEAP) and bone mineral density in men and women: The Framingham Offspring Study. ASBMR Honolulu, Hawaii, Sept 2007
99. Weuve J, Tucker KL, Peters J, Nie H, Spiro III, A, Hu H. Lead exposure and serum homocysteine in older men: a mechanism of neurotoxicity and vascular toxicity? Int Soc Environ Epidem (ISEE), Mexico City, Sept 2007
100. Gollenberg A, Pekow P., Sternfeld B, Manson J, Solomon C, Markenson G, Tucker KL, Chasan-Taber L. Health behaviors among pregnant Latina women at risk for gestational diabetes mellitus. Soc Epidemiol Res (SPER), Boston, Jun 2007
101. Maras JE, Newby PK, Bakun PJ, Ferrucci L, Tucker KL. Whole grain intake, definition and database development: the Baltimore Longitudinal Study of Aging. 31st US National Nutrient Databank Conference, Washington DC, Apr 2007
102. Mattei J, Lai Chao-Qiang, Tucker KL, Ordovás JM. Apolipoprotein C-III (APOC3) gene variants as predictors of allostatic load and disease in Puerto Ricans. EB, Washington DC, Apr 2007
103. Bailey RL, Mitchell DC, Miller CK, Still CD, Jensen GL, Tucker KL, Smicklas-Wright H. Dietary patterns are similar using a population specific diet screening tool and multiple 24-hour recalls. EB, Washington DC, Apr 2007
104. Castaneda-Sceppa C, Bassettmidle J, Tucker KL. The disablement process among elderly Puerto Ricans: the Boston Puerto Rican Center on Population Health and Health Disparities. EB, Washington DC, Apr 2007
105. Newby PK, Maras J, Bakun P, Muller D, Ferrucci L, Tucker KL. Whole grains, refined grains, and cereal fiber measured using 7-d diet records: associations with risk factors for chronic disease. EB, Washington DC, Apr 2007
106. Raiszadeh F, Shane B, Stover PJ, Litonjua AA, Gaziano JM, Selhub J, Tucker KL, Cassano PA. Association of MTHFD1 G1958A and MTHFR C677T Polymorphisms With Serum Homocysteine Concentration and Cardiovascular Disease: The Normative Aging Study, Am Coll Cardiol, New Orleans, Mar 2007

107. Goosby Landry L, Wilson JG, Lichtenstein AH**,** Ordovás J, Tucker KL, Taylor HA, DeStefano AL. Heritability of lipid phenotypes among African Americans: Jackson Heart Study. 47th Annual Conference on Cardiovascular Disease Epidemiology and Prevention, Orlando, FL, Mar 2007
108. Talegawkar SA, Johnson EJ, Carithers T, Taylor HA, Bogle ML, Tucker KL. Dietary patterns are associated with antioxidant biomarkers in the diet and physical activity sub-study of the Jackson Heart Study. Circulation 115(8):e238. 2007
109. Newby PK, Maras J, Bakun P, Muller D, Tucker KL. Dietary intakes of whole grains and fiber assessed using 7-d diet records are inversely associated with waist circumference. North Am Assoc for the Study of Obesity (NAASO), Boston, Oct 2006
110. Guerra CE, Gehlert, S, Wewers ME, Lurie N, Manfredi C, Holmes J, Tucker K, Youm Y. The Challenges of Transdisciplinary Research in Health Disparities: the Early Experiences of the Centers for Population Health and Health Disparities. NIH Science of Team Science Meeting, Bethesda, Oct.
111. Broe KE, Hannan MT, McLean RR, Tucker K, Cupples LA, Kiel DP. Do the determinants of bone mineral density differ by gender? The Framingham Osteoporosis Study. J Bone Min Res 21:S405. 2006
112. McLennan CE, Tucker KL, N Qiao N, Hannan MT Does net endogenous acid production (neap) estimated from diet vary with age and body mass index (BMI) in men and women? J Bone Min Res 21:S170. 2006
113. McLean RR, Jacques PF, Selhub J, Fredman L, Tucker KL, Kiel DP, Cupples LA, Hannan MT. Plasma Vitamin B6 and bone mineral density in elderly men and women: The Framingham Study. J Bone Min Res 21:S53. 2006
114. Lai CQ, Mattei J, Bailo BG, Roberts J, Adiconis X, Parnell L, Tucker K, Ordovás JM. Genetic basis of health disparity in Boston elderly Puerto Ricans.3rd NIH Centers for Population Health and Health Disparities grantees meeting, Santa Monica, CA, May, 2006
115. Mattei J, Lai CQ, Tucker K, Ordovás JM. Apolipoprotein C-III gene variants as predictors of allostatic load markers in elderly female Puerto Ricans. 3rd NIH Centers for Population Health and Health Disparities grantees meeting, Santa Monica, CA, May, 2006
116. Talegawkar SA, Yeum K-J, Johnson EJ, Carithers TC, Taylor HA, Tucker KL. Diet and total antioxidant performance (TAP) in the Jackson Heart Study (JHS). Abstract P19-03. 6th International Conference on Dietary Assessment Methods, Copenhagen, Denmark. 2006
117. Tucker KL Dietary patterns and indices. Abstract SY13. 6th International Conference on Dietary Assessment Methods, Copenhagen, Denmark. 2006
118. Park SK, O'Neill MS, Vokonas PS, Sparrow S, Spiro III A, Tucker KL, Suh H, Hu H, Schwartz J. The association between particulate air pollution and homocysteine: The VA Normative Aging Study. Internat Soc Envir Epidemiol (ISEE), Paris, France, Sept 2006
119. Talegawkar S, Johnson E, Carrithers T, Bogle ML, Tucker KL. Tocopherol intake & status in the Jackson Heart Study FASEB J 20(5) A1032, abstract 660.10. 2006
120. Carrera P, Tucker KL. Study of dietary patterns and their correlation with obesity in the Mexican-American population. FASEB J 20(5) A1000, abstract 646.8. 2006
121. Bailey RL, Mitchell DC, Miller CK, Still CD, Jensen GL, Tucker KL, Smicklas-Wright H. Dietary patterns of older adults identified by a dietary quality screening tool. FASEB J 20(5) LBA, abstract LB397. 2006
122. Tucker KL. Disparities in chronic health conditions among older Puerto Rican women in Boston. Am Pub Health Assoc 133rd Annual Meeting, New Orleans, LA, Nov 2005
123. Huang TL, Zandi PP, Tucker KL, Fitzpatrick AL, Kuller LH, Fried LP, Burke GL, Carlson MC. Benefits of Fatty Fish on Dementia Risk Are Stronger for Those Without *APOE* ε4. Soc Epidemiol Research Toronto, Canada, July 2005
124. Gao X, Wilde PE, Tucker KL. Meeting recommended adequate intake (AI) of calcium from food alone for children aged 9-18 y who do not drink milk (1999-2000 NHANES): an analysis by linear programming. Soc Epidemiol Research, Toronto, Canada, July 2005

125. Cassano PA, Raiszadeh F, Stover PJ, Shane B, Weiss ST, Litonjua A, Selhub J, Tucker K. Genetic polymorphisms in two genes of the folate metabolic network, homocysteine and cardiovascular disease risk. 5th Int Conference Homocysteine. Milan, Italy, July 2005
126. Mattei J, Delgado-Lista J, Lai CQ, Tucker KL, Ordovás JM. Frequency of polymorphisms in cardiovascular genes in a Puerto Rican population. 2nd NIH Centers for Population Health and Health Disparities grantees meeting, Chicago, IL, May 2005
127. Sprague L, Segura-Perez K, Bermudez I, Amaya M, Tucker KL, and Bermudez OI. Developing culturally appropriate interventions to alleviate the allostatic load of older Puerto Ricans in Massachusetts: using data to inform practice. 2nd NIH Centers for Population Health and Health Disparities grantees meeting, Chicago, IL, May 2005
128. Bermudez OI, Merete C, VanRompay M, Griffith J Tucker KL Assembling a cohort of older Puerto Ricans in Massachusetts for the Boston Puerto Rican longitudinal study on aging: recruitment strategies and challenges. 2nd NIH Centers for Population Health and Health Disparities grantees meeting, Chicago, IL, May 2005
129. Newby PK, Tucker KL, Wolk A. Longitudinal changes in food patterns and associations with 10 year change in body mass index among Swedish women. FASEB J 19(5) abstract 839.2. 2005
130. Gao X, Wilde P, Newby PK, Tucker KL. Meeting dietary fiber recommendations requires frequent use of whole grains, fruit, vegetables and legumes (CSFII 1994-96): a study by linear programming. FASEB J 19(5) abstract 593.5. 2005
131. *Best graduate student poster award: Nutritional epidemiology research interest section*

2000-2004

132. Tucker KL, Scott T, Qiao N, Rosenberg I, Spiro A. B vitamin intake and status protect against cognitive decline in aging men. J Nutr Health & Aging 2004:8:438. AS.2.2. 2004
133. Falcón LM, Arsenault L, Scott T, Tucker KL. Omega3 fatty acids are associated with less depressive symptomatology and better memory in a group of Hispanic and non-Hispanic white elders in Massachusetts. J Nutr Health & Aging 2004:8:447. AO.2.3. 2004
134. Gao X, Wilde P, Maras J, Bermudez O, Tucker KL. The maximal amount of alpha-tocopherol intake from foods alone in US adults: An analysis using linear programming. Vitamin E and Health, Kelly F, Meydani M, Packer L (eds) Ann NY Acad Sci 2004 1031. 2004
135. Cassano PA, Bentley A, Lim U, Raiszadeh F, Stover P, Gaziano JM, Hunter D, Litonjua AA, Peng K, Rimm E, Selhub J, Shane B, Strawderman R, Tucker KL, Weiss ST. Polymorphisms in cytoplasmic serine hydroxymethyltransferase (cSHMT) and methylenetetrahydrofolate reductase (MTHFR) genes and the risk of cardiovascular disease: the Normative Aging Study, the Nurses Health Study and the Health Professionals Follow-up Study. FASEB conference on one-carbon metabolism. Snowmass, CO. 2004
136. McLean RR, Booth SL, Kiel DP, Broe KE, Tucker KL, Cupples LA, Hannan MT. Does quantitative ultrasound of the heel provide insight into the vitamin K and bone relation? J Bone Min Res 19:S85.
137. Tucker KL, Powell J, Qiao M, Cupples LA, Kiel DP. Beer intake in men, and wine intake in post-menopausal women, is associated with higher bone mineral density. J Bone Min Res 19:S85. 2004
138. Bermudez OI, Mazariegos M, Gao X, Bakun P, Hernandez L, Tucker KL, Solomons NW. Assessing diet quality of young and older Guatemalans with the healthy eating index. FASEB J 18 (4):A6, abstract 35.8. 2004
139. Gao X, Bermudez OI, Tucker KL. Validation and comparison of dietary indices among Hispanic elders using dietary intake and plasma biomarkers. FASEB J 18 (4):A110, abstract 105.4.
140. Talegawkar S, Gao X, Bermudez OI, Falcón LM, Tucker KL. Food insecurity in a US based Puerto-Rican elderly population and associated indicators of nutritional intake and biochemical status FASEB J 18 (4): abstract 104.14. 2004
141. Sempértegui F, Estrella B, Elmieh N, Jordan M, Ahmed T, Rodríguez A, Tucker KL, Hamer D, Meydani SN. Nutritional, immunological, and health status of the elderly population living in poor neighborhoods of Quito, Ecuador: A preliminary report. FASEB J 18 (4): abstract 595.8. 2004

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143. Newby PK, Muller D, Tucker KL (2004). Validation of empirically derived eating patterns with plasma lipid biomarkers: comparison of cluster and factor analysis methods. FASEB J 18 (4) 2004
144. Hannan MT, Tucker KL, Dawson-Hughes B, Chazaro I, Kiel DP. Low calcium intake magnifies the bone loss seen with low dietary protein intake in elderly men and women. J Bone Min Res, 18(S2):S240, abstract SU256. 2003
145. Tucker KL, Troy L, Morita K, Cupples, AL, Hannan M, Kiel DP. Carbonated beverage consumption and bone mineral density. J Bone Min Res, 18(S2):S241, abstract SU259. 2003
146. Schaefer EJ, Kyle DJ, Singer J, Patton GM, Bongard V, Tucker K, Beiser A, Wolf PA. Plasma phosphatidylcholine (PC), docosahexaenoic acid (DHA), fish intake, and risk of dementia. Am Heart Assoc, Orlando, FL 2003
147. Tucker KL Scott, T Qiao, N, Mcdonald K, Rosenberg I, Spiro III A. Homocysteine and cognitive decline in the Normative Aging Study. 4th Int Conference on Homocysteine Metabolism, Basel, Switzerland, J Inherit Metab Dis 26(S1):8, abstract 6-1. 2003
148. Bakun P, Mazariegos M, Hernandez L, Villagran A, Solomons NW, Maras J, Tucker KL, Bermudez OI (2003) Assessment of dietary food patterns among Guatemalan adults from the CRONOS Study: Development of a nutrient database. 5th Int Food Data Conference and 27th National Nutrient Databank Conference, Washington DC. 2003
149. Maras J Valdes V, deMas M, Bakun P, Tucker KL, Bermudez OI. Development of a nutrient database to assess food patterns among older Panamanian adults. 5th Int Food Data Conference and 27th National Nutrient Databank Conference. Washington DC. 2003
150. Bermudez OI, Bakun P, Maras J, Boody-Alter E, Tucker KL. Using the 1999-2000 NHANES to evaluate the association of nutrient intakes and food patterns with obesity and ethnicity among older Americans. 5th Int Food Data Conference and 27th National Nutrient Databank Conference. Washington DC. 2003
151. Gao X, Yao M, Ma G, Tucker KL. High prevalence of hyperhomocysteinemia and B vitamin deficiency in Chinese adults. FASEB J 17 (4):A711-12, abstract 6872. 2003
152. Bermudez OI, Lin H, Tucker KL. Dietary patterns among Hispanic elders in Massachusetts. FASEB J 17 (4): abstract 8775. 2003
153. Bermudez OI, Tucker KL. Differences in food intake of NHANES older adults, by ethnicity and obesity status. FASEB J 17 (4): abstract 8866. 2003
154. Tucker KL, Lin P-H, Qiao N, Hallfrisch J, Andres R, Moore TJ. A DASH dietary index and association with systolic blood pressure. 5th International Conference on Dietary Assessment Methods. Chiang Rai, Thailand. 2003
155. Newby PK, Qiao N, Muller D, Hallfrisch J, Andres R, Tucker KL. Dietary patterns and weight gain in adults. 5th International Conference on Dietary Assessment Methods. Chiang Rai, Thailand.2003
156. Falcón LF, Rodriguez-Galan M, Tucker KL. Use of formal and informal support systems by Hispanic elders. The Gerontologist 42;335, abstract 336. 2002
157. Tucker KL, Spiro III A, McDonald K, Rosenberg I. Homocysteine, B vitamins and cognitive function among men in the Normative Aging Study. The Gerontologist 42;30, abstract 14. 2002
158. Tucker KL, Hannan MT, Jacques P, Selhub J, Rosenberg I, Wilson PWF, Kiel DP. Low plasma vitamin B12 is associated with lower bone mineral density: The Framingham Osteoporosis Study. J Bone Min Res, 17(S1):S175, abstract 1210. 2002
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