

CURRICULUM VITAE
Valerie B. Duffy, Ph.D., R.D.
Updated: July 2020

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Married: Thomas C. Duffy
Child: Christopher E. Duffy (5/31/00)

EDUCATION:

University of Connecticut, Department of Nutritional Sciences, Storrs, CT
Doctor of Philosophy in Nutritional Sciences, 1992
Dissertation—*Olfactory Dysfunction, Food Behaviors, Dietary Intake, and Anthropometric Measures in Single-Living, Elderly Women*

University of Connecticut, Travelers Center on Aging, Storrs, CT
Certificate in Gerontology, 1992

Rush University, Chicago, IL
Master of Science in Clinical Nutrition, 1984
Thesis—*The effects of intermittent peritoneal dialysis on serum amino acid concentrations*

Rush-Presbyterian-St. Luke's Medical Center
Generalist Dietetic Internship, 1983

Cornell University, College of Human Ecology, Ithaca, New York
Bachelor of Science in Nutrition, 1982

CURRENT/PAST APPOINTMENTS:

- 8/06 **Professor**, Department of Allied Health Sciences, College of Agriculture and Natural Resources, University of Connecticut, Storrs, CT
- 9/06-8/15 **Visiting Research Scientist**, Department of Neurobiology, Yale University School of Medicine, New Haven, CT
- 4/06 **Secondary Faculty**, Ph.D. in Public Health -Social and Behavioral Health Sciences Concentration, UCHC.
- 8/00-8/06 **Associate Professor**, Dietetics Program, School of Allied Health, University of Connecticut, Storrs, CT.
- 9/97- **Joint Appointment**, Department of Nutritional Sciences, University of Connecticut, Storrs, CT
- 9/94-6/06 **Visiting Lecturer**, Department of Neurobiology (7/1/06; 9/94-6/30/06 Department of Surgery, Section of Otolaryngology), Yale University School of Medicine, New Haven, CT
- 9/94-6/00 **Assistant Professor**, Dietetics Program, School of Allied Health, University of Connecticut, Storrs, CT.

EXPERIENCE:

- 10/92-8/94 **Post Doctoral Associate**, Department of Surgery, Section of Otolaryngology, Yale University School of Medicine, New Haven, CT
Research Mentor—Linda M. Bartoshuk, Ph.D.
- 1/91-9/92 **Graduate Research Assistant**, Department of Nutritional Sciences, Storrs, CT
1/88 -11/89 Research Mentor—Ann M. Ferris, Ph.D.
- 7/90-9/92 **Graduate Research Assistant**, John B. Pierce Laboratory, New Haven, CT
Research Mentor—William S. Cain, Ph.D.

ADDITIONAL PROFESSIONAL WORK EXPERIENCE:

- 9/93-12/93 **Lecturer**, Yale University School of Nursing, New Haven, CT
- 9/89-6/92 **Nutrition Coordinator**, Dixwell Head Start, New Haven, CT
- 3/86-1/88 **Research Dietitian**, Connecticut Chemosensory Clinical Research Center, University of Connecticut Health Center, Farmington, CT
- 8/86-9/87 **Clinic Manager**, Connecticut Chemosensory Clinical Research Center, University of Connecticut Health Center, Farmington, CT
- 11/85-9/88 **Adjunct Faculty**, Post College, Waterbury, CT
- 6/85-9/87 **Nutrition Consultant**, Meriden-Wallingford Hospital, Meriden, CT
- 1/84-3/86 **Clinical Dietitian**, Meriden-Wallingford Hospital, Meriden, CT
- 2/84-6/85 **Nutritionist**, Hill Health Center, New Haven, Connecticut

TEACHING: University of Connecticut
 (*Denotes writing/computer courses)

Undergraduate Courses Taught

Interdisciplinary Approach: Obesity Prevention Grant awarded to develop and teach;	Spring/08-present
Interdisciplinary Honors Seminar	Fall/06,07,15 - present Solo Taught
Contemporary Nutrition Practice	Fall/04-present, Solo Taught
Applied Dietetics	Fall/94-03, Solo and Team Taught
Community Nutrition	Spring/95-10, Solo Taught; Spring 2011-2013
Community Nutrition Research*	Teach each Spring 1994-
Foodservice Systems	Spring/95-04, Solo Taught (Certified Prof. Food Manager)
Advanced Nutrition	Fall/94-2009, Team Taught
Allied Health Research*	Fall/96, Team Taught
Indep. Senior Research	Spring/94-present, advise between 5-8 seniors per year.

Graduate Courses Taught and Students Advised

Critical Issues, Health Promotion & Disease Prevention	Co-instructor, 2011-2014
Doctoral Seminar	Fall 2016
Nutr. for Healthy Communities	Spring/98, Fall/99, Fall 01, Spring 05 Team Taught

- Major advisor for and completed thirty-four master's degree and four doctoral students.
- Currently serve as major advisor for one Doctoral student and ten master's students.

PUBLICATIONS **Hirsch Index Calculation via Google Scholar (May 2020)=49**
Refereed Journals (n=74) **(* Students who have/had trained with Dr. Duffy)**

Reed, D R, Alhadeff AL, Beauchamp GK, Chaudhari N, **Duffy VB**, Dus M, Fontanini A, Glendinning JI, Green BG, Joseph PV, Kyriazis GA, Lyte M, Maruvada, P, McGann JP, McLaughlin JP, Moran TH, Murphy C, Noble EE, Pepino MY, Pluznick JL, Rother KI, Saez E, Spector AC, Sternini C, and Mattes RD (under review). "Perspective: Sensory Nutrition and Disease." *American Journal of Clinical Nutrition*.

Duffy VB, Hayes JE, Sharafi M. Interactions between retronasal olfaction and taste influence vegetable liking and consumption: a psychophysical investigation. *Journal of Agriculture and Food Research*, Volume 2, December 2020, 100044. <https://doi.org/10.1016/j.jafr.2020.100044>

Xu R, Blanchard BE, McCaffrey JM, Wooley S, *Corso LML, **Duffy VB**. Food liking-based diet quality indexes (DQI) generated by conceptual and machine learning explained variability in cardiometabolic risk factors in young adults. *Nutrients*. 2020 Mar 25;12(4). pii: E882. doi: 10.3390/nu12040882.

Gallo S, Byham-Gray L, **Duffy VB**, Hoffman HJ, Hayes JE, Rawal S. Associations of Olfactory Dysfunction with Anthropometric and Cardiometabolic Measures: Findings from the 2013-2014 National Health and Nutrition Examination Survey (NHANES). *Physiol Behav*. 2019 Oct 17;112702. doi: 10.1016/j.physbeh.2019.112702.

*Vosburgh K, Smith SR, *Oldman S, Huedo-Medina T, **Duffy VB**. Pediatric-Adapted Liking Survey (PALS): A Diet and Activity Screener in Pediatric Care. *Nutrients* 2019, 11, 1641; doi:10.3390/nu11071641.

*Hubert PA, Papasavas P, Stone A, Swede H, Huedo-Medina TB, Tishler D, **Duffy VB**. Associations between weight loss, food likes, dietary behaviors and chemosensory function in bariatric surgery: A case-control analysis in women. *Nutrients* 2019, Apr 9;11(4). pii: E804. doi: 10.3390/nu11040804.

*Larsen BA, Litt MD, Huedo-Medina TB, **Duffy VB**. Interrelationships between chemosensation, liking for fats and carbohydrates, and sweet flavored e-cigarette juice explains body mass index in chronic smokers. *Nutrients* 2019, 11, 271; doi:10.3390/nu11020271.

Mead E, **Duffy V**, Oncken C, Litt MD. E-cigarette palatability in smokers as a function of flavorings, nicotine content and propylthiouracil (PROP) taster phenotype. *Addictive Behaviors*, 2019; 91:37-44.

Duffy VB, *Glennon S-G, *Larsen BA, *Rawal S, Oncken C, Litt MD. Heightened olfactory dysfunction and oral irritation among chronic smokers and heightened propylthiouracil (PROP) bitterness among menthol smokers. *Physiol Behav*. 2019 Mar 15;201:111-122.

Smith SR, Johnson ST, *Oldman SM, **Duffy VB**. Pediatric-adapted liking survey: a novel, feasible and reliable dietary screening in clinical practice. *Caries Res*. 2019;53(2):153-159.

*Sharafi M, *Rawal S, Fernandez ML, Huedo-Medina TB, Duffy VB. Taste phenotype associates with cardiovascular disease risk factors via diet quality in multivariate modeling. *Physiol Behav* 2018; 194:103-112.

Remley D, Buys D, Cronk L, **Duffy V**, Garden-Robinson J, Horowitz M, McGee B, Nelson C, Prevedel SM, Reicks M, Warren T. The Role of Cooperative Extension in Chronic Disease Prevention and Management: Perspectives from Professionals in the Field. *J Hum Sci Extension* 2018; 2(6): 15-25.

Prevedel SM, Nelson C, Buys D, Cronk L, **Duffy V**, Garden-Robinson J, Horowitz M, McGee B, Reicks M, Remley D, Warren T Cooperative Extension as a Partner in Creating Healthy Communities: An Environmental Scan. *J Hum Sci Extension* 2018; 2(6): 26-36.

*Glennon S-G, Huedo-Medina T, *Rawal S, Hoffman HJ, Litt MD, **Duffy VB**. Chronic Cigarette Smoking Associates Directly and Indirectly with Self-Reported Olfactory Alterations: Analysis of the 2011-

2014 National Health and Nutrition Examination Survey (NHANES). *Nicotine & Tobacco Research*, Volume 21, Issue 6, June 2019, Pages 818–827

*Zoghbi M, Stone A, Pappas P, Swede H, *Hubert P, Tishler D, **Duffy VB**. Evaluating taste preferences and dietary quality with a simple liking survey: Application in bariatric treatment settings. *Bariatric Surgical Practice and Patient Care*. 2019 14(1): 41-48.

Boesveldt S, Postma E, Boak D, Welge-Luessen A, Mainland J, Martens J, Ngain J, **Duffy VB**. Anosmia – a clinical review. *Chem Senses*. 2017 Sep 1;42(7):513-523.

*Rawal S, Huedo-Medina TB, Hoffman HJ, Swede H, **Duffy VB**. Structural Equation Modeling of Associations among Taste-Related Risk Factors, Taste Functioning and Adiposity. *Obesity (Silver Spring)*. 2017 Apr;25(4):781-787.

Litt MD, **Duffy VB**, Oncken C. Cigarette Smoking and Electronic Cigarette Vaping Patterns as a Function of E-cigarette Flavorings. *Tob Control*. 2016 Nov;25(Suppl 2):ii67-ii72.

Duffy VB, *Rawal S, *Park J, Brand MH, *Sharafi M, Bolling B. Characterizing and improving the sensory and hedonic responses to polyphenol-rich aronia berry juice. *Appetite*. 2016 Dec 1;107:116-125.

Hoffman HJ, *Rawal S, Li C-M, **Duffy VB**. New Chemosensory Component to the U.S. National Health and Nutrition Examination Survey (NHANES), 2011-2012: Preliminary Findings on Measured Olfactory Dysfunction. *Rev Endocr Metab Disord*. 2016 Jun;17(2):221-40.

*Sharafi M, **Duffy VB**, Miller RJ, Winchester SB, Huedo-Medina T, Sullivan MC. Dietary Behaviors of Adult Born Preterm May Explain Some of the Elevated Future Risk of Cardiovascular Disease (CVD). *Appetite*. 2016; 99:157-167.

*Rawal S, Hoffman HJ, Bainbridge KE, **Duffy VB**. Prevalence and Risk Factors of Self-Reported Smell and Taste Alterations: Results from the 2011-2012 U.S. National Health and Nutrition Examination Survey (NHANES). *Chem Senses*. 2016 Jan;41(1):69-76.

Pallister T, *Sharafi M, Lachance G, Pirastu N, Mohny RP, MacGregor A, Feskens EJM, **Duffy VB**, Spector TD, Menni C. Food Preference Patterns in a UK Twin Cohort. *Twin Res Hum Genet*. 2015 28:1-13.

*Sharafi M, *Perrachio H, *Scarmo S, Huedo-Medina TB, Mayne ST, Cartmel B, **Duffy VB**. Preschool-Adapted Liking Survey (PALS): A brief and valid method to assess dietary quality of preschoolers *Child Obes*. 2015 Oct;11(5):530-40.

*Rawal S, Hoffman HJ, *Honda M, Huedo-Medina TB, **Duffy VB**. The Taste and Smell Protocol in the 2011-2014 U.S. National Health and Nutrition Examination Survey (NHANES): Test-Retest Reliability and Validity Testing. *Chemosensory Perception*. September 2015, Volume 8, Issue 3, pp 138-148.

Oncken C, Feinn R, Covault J, **Duffy VB**, Dornelas E, Kranzler H, Sankey H. Genetic vulnerability to menthol cigarette preference in women. *Nicotine Tob Res*. 2015 Dec;17(12):1416-20.

*Rawal S, Hoffman HJ, *Chapo A, **Duffy VB**. Sensitivity and specificity of self-reported olfactory function in a home-based study of independent-living, healthy older women. *Chemosensory Perception*. 2014 1;7(3-4):108-16.

*Rawal S, *Hayes JE, Wallace MR, Bartoshuk LM, **Duffy VB**. Do polymorphisms in the TAS1R1 gene associate with broader differences in human taste intensity? *Chem Senses*. 2013 Oct;38(8):719-28.

Coldwell SE, Mennella JA, **Duffy VB**, Pelchat ML, Griffith JW, Smutzer G, Cowart BJ, Breslin PAS, Bartoshuk LM, Hastings L, Beauchamp GK, O'Mahony MA, Victorson D, Hoffman HJ. NIH Toolbox for

Assessment of Neurological and Behavioral Function: Assessments for Gustation. *Neurology*. 2013 12;80(11 Suppl 3):S20-4.

*Sharafi M, *Hayes JE, **Duffy VB**. Masking vegetable bitterness to improve palatability depends on vegetable type and taste phenotype. *Chemosensory Perception* 2013; 6(1): 8-19.

Faghri PD, **Duffy VB**, Benson NR, Cherniack MG. Worksite weight loss intervention for employees in stressful workplaces: A pilot study and baseline survey indicators of success. *J Obes Weight Loss Ther* 2012 2:121. Doi:10.4172/2165-904.1000121.

*Scarmo S, *Henebery K, *Perrachio H, Cartmel B, Lin H, Ermakov IV, Gellermann W, Bernstein PS, **Duffy VB**, Mayne ST. Skin carotenoid status measured by resonance Raman spectroscopy as a biomarker of fruit and vegetable intake in preschool children. *Eur J Clin Nutr*. 2012; 66(5):555-60.

*Peracchio HL, *Henebery KE, *Sharafi M, *Hayes JE, **Duffy VB**. Otitis media exposure associates with dietary preference and adiposity: A community-based observational study of at-risk preschoolers. *Physiol Behav*. 2012 May 15;106(2):264-71.

*Hayes JE, Wallace MR, Knopik VS, Herbstman D, Bartoshuk LM, **Duffy VB**. Allelic variation in TAS2R bitter receptor genes associates with variation in sensations from and ingestive behaviors towards common bitter beverages in adults. *Chem Senses*, 2011 Mar;36(3):311-9 available online 12/16/10.

Duffy VB, *Hayes JE, Davidson AC, Kidd JR, Kidd KK, Bartoshuk LM. Vegetable intake in college-aged adults is explained by oral sensory phenotypes and TAS2R38 genotype. *Chemosensory Perception*, 2010; 3(3-4):137-148.

*Hayes JE, *Sullivan BS, **Duffy VB**. Explaining variability in sodium intake through oral sensory phenotype, salt sensation and liking. *Physiology and Behavior*, 2010; 100 (5): 369-380.

Duffy VB, *Hayes JE, *Sullivan B, Faghri P. Surveying food/beverage liking: A tool for epidemiological studies to connect chemosensation with health outcomes. *Ann N Y Acad Sci*, 2009 Jul;1170:558-68.

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*Hayes JE, **Duffy VB**. Oral sensory phenotype identifies level of fat and sugar required for maximal liking. *Physiol Behav* 2008 Sept 3;95(1-2):77-87.

*Hayes JE, Bartoshuk LM, Kidd J, **Duffy VB**. Supertasting and PROP bitterness depends on more than the TAS2R38 gene. *Chem Senses* 2008 33: 255-265; doi:10.1093/chemse/bjm084.

Duffy VB. Variation in oral sensation: implications for diet and health. *Current Opinion in Gastroenterology* 2007, 23(2):171-7.

Duffy VB, *Lanier SA, *Hutchins HL, Pescatello LS, Johnson MK, Bartoshuk LM. Food preference as a screen for cardiovascular disease risk within health risk appraisal. *J Am Diet Assoc*, 2007;107(2):237-45.

*Hayes J, **Duffy VB**. Revisiting sucrose-fat mixtures: sweetness and creaminess vary with phenotypic markers of oral sensation. *Chem Senses*, 2007 Mar;32(3):225-36. Epub 2007 Jan 4.

Pescatello LS, Turner D, Rodriguez NR, Blanchard BE, Tsongalis GJ, Maresh CM, **Duffy VB**, Thompson PD. Dietary calcium intake and renin angiotensin system polymorphisms alter the blood pressure response to aerobic exercise: A randomized control design. *Nutr Metab (Lond)*. 2007 Jan 4;4:1

Bartoshuk LM, **Duffy VB**, *Hayes JE, Moskowitz HR, Snyder DJ. Psychophysics of sweet and fat perception in obesity: problems, solutions and new perspectives. *Philos Trans R Soc Lond B Biol Sci.* 2006 Jul 29;361(1471):1137-48.

*Dinehart ME, Hayes JE, Bartoshuk LM, *Lanier SL, **Duffy VB**. Bitter taste markers explain variability in vegetable sweetness, bitterness and intake. *Physiol Behav.* 2006 Feb 28;87(2):304-13.

Bartoshuk LM, Snyder DJ, Grushka M, Berger AM, **Duffy VB**, Kveton JF. Taste damage: previously unsuspected consequences. *Chem Senses* 2005 30(Supplement 1):i218-i219.

Basson MD, Bartoshuk LM, *DiChello S, Panzini L, Weiffenbach J, **Duffy VB**. Associations between 6-n-propylthiouracil (PROP) bitterness and colonic neoplasms. *Digest Dis & Sci* 2005; 50 (3): 483–489.

*Lanier SA, *Hayes JE, **Duffy VB**. Sweet and bitter tastes of alcoholic beverages mediate alcohol intake in of-age undergraduates. *Physiology & Behavior* 2005; 83: 821-831.

Duffy VB, Davidson AC, Kidd JR, Kidd KK, Speed WC, Pakstis AJ, Reed DR, Snyder DJ, Bartoshuk LM. Bitter Receptor Gene (TAS2R38), 6-n-Propylthiouracil (PROP) Bitterness and Alcohol Intake. *Alcoholism: Clinical and Experimental Research* 2004;28(11):1629-1637.

Bartoshuk LM, **Duffy VB**, Green BG, Hoffman HJ, Ko C-W, Lucchina LA, Marks LE, Snyder DJ, Weiffenbach JM. Valid across-group comparisons with labeled scales: the gLMS versus magnitude matching. *Physiology and Behavior*, 2004;82(1):109-14.

Duffy VB, *Peterson JM, and Bartoshuk LM. Associations between taste genetics, oral sensation and alcohol intake. *Physiology and Behavior*, 2004; 82/2-3: 435-445.

Duffy VB. Associations between Oral Sensation, Dietary Behaviors and Risk of Cardiovascular Disease (CVD). *Appetite*, 2004;43(1); pp 5-9.

Bartoshuk LM, **Duffy VB**, C*hapo AK, Fast K, Snyder DJ, Yiee J, Hoffman H, Ko K. From psychophysics to the clinic: Missteps and advances. *Food Quality and Preference*, 2004; 15(7-8): 617-632.

*Zogbaum AT, Fitz PA, **Duffy VB**. Tube feedings associate with improved adherence to radiation treatment schedule in head and neck cancer: An outcomes study. *Top Clin Nutri* 2004;19(2):95-106.

Duffy VB, Sigmand-Grant, M. Position of The American Dietetic Association: Use of nutritive and non-nutritive sweeteners. *J Am Diet Assoc.* 2004;104(2): 255-275.

Duffy VB, *Peterson JM, Dinehart ME, Bartoshuk LM. Genetic and environmental variation in taste: Associations with sweet intensity, preference, and intake. *Topics in Clinical Nutrition*, 2003;18:209-220.

Bachmanov AA, Kiefer SW, Tordoff M, Molina JC, **Duffy VB**, Bartoshuk LM, Mennella JA. Chemosensory factors influencing alcohol perception, preferences and consumption. *Alcoholism: Clinical and Experimental Research*, 2003; 27(2): 220-231.

Bartoshuk LM, **Duffy VB**, Fast K, Green BG, Snyder DJ. Labeled scales (e.g., category, Likert, VAS) and invalid across-group comparisons: What we have learned from genetic variation in taste. *Food Quality and Preference*, 2002; 14: 125-138.

*Sipiora ML, Murtaugh, MA, Gregoire, MB, **Duffy VB**. Bitter taste perception and severe vomiting during pregnancy. *Physiology and Behavior*, 2000;69(3):259-267.

Duffy VB, Bartoshuk LM. Food acceptance and genetic variation in taste. *J Am Diet Assoc*, 2000, 100(6):647-655.

Prutkin J, **Duffy VB**, Etter L, Fast K, Lucchina LA, Snyder DJ, Tie K, Bartoshuk LM. Genetic variation and inferences about perceived taste intensity in mice and men. *Physiol Behav* 2000;69(1):161-173.

Duffy VB, Cain WS, Ferris AM. Measurement of sensitivity to olfactory flavor: Application in a study of aging and dentures. *Chem Senses*, 1999; 24(6):671-677.

Duffy VB, Bartoshuk LM, Striegel-Moore R, Rodin J. Taste changes across pregnancy. In Murphy C. *Olfaction and Taste XII: An International Symposium*. Ann New York Acad Sci. 1998;855:805-809.

Bartoshuk LM, **Duffy VB**, Lucchina LA, Prutkin J, Fast K. PROP (6-n-propylthiouracil) super-tasters and the saltiness of NaCl. In Murphy C. *Olfaction and Taste XII: An International Symposium*. Annals of the New York Academy of Sciences. 1998;855:793-796.

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Ship JA, **Duffy V**, Jones J, Langmore S. Geriatric oral health and its impact on eating: The influence of taste and olfactory perception on food selection and nutrition in the elderly. *J Am Geriatr Soc* 1996;44:456-64.

Bartoshuk LM, **Duffy VB**, Reed D, Williams A. Supertasting and earaches: Genetics and pathology alter our taste worlds. *Neuroscience and Biobehavioral Reviews* 1996;20(1):79-87.

Reed DR, Bartoshuk LM, **Duffy VB**, Marino S, Price RA. Propylthiouracil tasting: Determination of underlying threshold distributions using maximum likelihood. *Chem Senses* 1995;20(5):529-34.

Duffy VB, Backstrand J, Ferris AM. Olfactory dysfunction and related nutritional risk in free-living, elderly women. *J Am Diet Assoc* 1995; 95(8):879-884.

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Bartoshuk LM, **Duffy VB**, Miller, IJ. PTC/PROP Tasting: Anatomy, psychophysics, and sex effects. *Physiol Behav*. 1994; 56(6):1165-1171.

Ferris AM, **Duffy VB**. The effect of olfactory deficits on nutritional status: Does age predict individuals at risk? *Nutrition and the Chemical Senses in Aging: Recent Advances and Current Research Needs*. Annals of the New York Academy of Sciences. 1989;561:113-123.

Bartoshuk LM, **Duffy VB**, Leder SB, Snyder DJ. Oral sensation: Genetic and pathological sources of variation. *Perspectives on Swallowing and Swallowing Disorders (Dysphagia)*, 2003;14(2):3-9.

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Conference Proceedings

Duffy VB, Lucchina LA, Bartoshuk LM. Genetic variation in taste: Potential biomarker for cardiovascular disease risk? In: Prescott J, Tepper B (eds), Genetic Variations in Taste Sensitivity: Measurement, Significance and Implications. NY: Marcel Dekker Inc, 2004: 197-229.

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Chapters in Books

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Lanier S, Hayes J, **Duffy V**. 6-N-propylthiouracil bitterness and tastes from alcoholic and non-alcoholic beverages in of-age undergraduates. AChemS Meeting, April 2004, Chem. Senses 2005 30: A6.

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Bartoshuk L, Davidson A, Kidd J, Kidd K, Speed W, Pakstis A, Reed D, Snyder D, **Duffy VB**. Supertasting is not explained by the PTC/PROP gene. AChemS Meeting, April 24-28, 2004. Chem. Senses 2005 30: A87-A88.

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Dinehart ME, Bartoshuk LM, **Duffy VB**. Bitter taste markers identify sweet and alcohol hedonics and intake. AChemS Meeting, April 24-28, 2004. Chem. Senses 2005 30: A62.

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Snyder DJ, **Duffy VB**, Chapo AK, Bartoshuk LM. Food preferences mediate relationships between otitis media and body mass index. Society for the Study of Ingestive Behavior Meeting, July 2003. *Appetite* 2003;40: 360.

Bartoshuk LM, **Duffy VB**, Snyder DJ. Dysgeusia: More prevalent than suspected? AChemS Meeting, Sarasota, Florida, April 2003, *Chem Senses*, 28; 2003; A-123.

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Poehlitz M, **Duffy VB**, Ferris AM. Coordinated undergraduate program (CUP) and community program collaborate for service learning. American Dietetic Association Food and Nutrition Conference, October 2002. *J Am Diet Assoc* 2002; Supp 102, A.

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Duffy VB & Bartoshuk LM. Genetic taste perception and food preference. *Food Qual Pref* 1996;7(3/4):309.

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Bartoshuk LM, **Duffy VB**, Kveton J, Catalanotto F, Weiffenbach J. Taste phantoms: Diagnosis via topical anesthetics. *Chem Senses* 1994;19:440.

Nadoolman W, **Duffy V**, Bartoshuk L. Successive desensitization: A low pain/high dose technique for oral capsaicin delivery. *Chem Senses* 1994; 19:528.

Lucchina LA, Bartoshuk LM, **Duffy VB**, Ferris AM, Marks LE. Preliminary examination of suprathreshold olfactory and taste perception: Free-living elderly females exhibit greater olfactory than taste impairment. *Chem Senses* 1994;19.

Berger A, Henderson M, Nadoolman W, Cooper D, **Duffy V**, Siberski L, Bartoshuk L. Capsaicin Candy as a Possible Treatment of Oral Pain in Patients Receiving Cancer Therapy. Annual Meeting of the American Society for Clinical Oncology. Dallas, Tx, May 1994.

Berger A, Henderson M, Nadoolman D, Cooper D, **Duffy V**, Saberski L, Bartoshuk L. The use of capsaicin as a means to control oral pain. Annual Meeting of Supportive Care in Cancer. March 1994.

Duffy VB, Ferris AM, Cain WS. Lower olfactory functioning associates with nutritional risk in elderly women. *Chem Senses* 1993;18(5):549.

Reedy, Jr. FE, Bartoshuk LM, Miller IJ, **Duffy VB**, Lucchina L, Yanagisawa K. Relationships among papillae, taste pores, and 6-n-propylthiouracil (PROP) suprathreshold taste sensitivity. *Chem Senses* 1993;18(5):618-19.

Duffy VB, Ferris AM. Measured & self-rated olfactory dysfunction, dietary intake, and body mass index (BMI) in free-living elderly women. *FASEB J* 1993;7:A82.

Duffy VB, Ferris AM. The effect of measured olfactory dysfunction on reported food preferences, food behaviors and food intake in functional, elderly women. *J Am Diet Assoc* 1992-Suppl;92(9):A15.

Duffy VB, Ferris AM, Cain WS. Orthonasal and retronasal olfactory sensitivity and rated food preferences in elderly females. *Chem Senses* 1992;17:615.

Duffy VB, Cain WS, Stevens JC, Ferris AM. Test of flavor sensitivity. *Chem Senses* 1991;16:516.

Abstracts Presented at State/University Meetings

1994- Over 100 undergraduate and graduate advisees have abstracts presented at biannual meetings of the Connecticut Dietetic Association and annual meetings of the Frontiers of Undergraduate Research at the University of Connecticut.

INVITED TALKS (selected)

Connecting chemosensation with diet-related health outcomes in epidemiological studies. Invited talk to the International Smell and Taste Society Virtual Meeting, August 7th, 2020.

Introduction and Examining Smell and Taste in Population-based Studies. Sensory Nutrition and Disease Workshop on November 12 – 13, 2019 on the NIH Campus in Bethesda, MD.

<https://www.niddk.nih.gov/news/meetings-workshops/2019/sensory-nutrition-disease-workshop>

“Lessons from researching taste, diet and health—The utility of asking food liking in health promotion research” Nutritional Sciences Seminar, University of Connecticut, April 5, 2019.

Lessons from researching taste, diet and health—Can we make it simple? Keynote speaker talk to the 35th annual Rush University Forum for Research and Clinical Investigation. Rush University, Chicago, IL, March 22, 2018.

Taste and Health: New public health data from the U.S. National Health and Nutrition Examination Survey (NHANES) and translation to clinical investigation. Invited talk to the 12th Pangborn Sensory Science Symposium, Providence, RI, August 21, 2017.

Chemosensory variation: Influences/Implications for Cancer Prevention. Invited talk to the Clinical Seminar - Cancer and the Sensorium at the Multinational Association of Supportive Care in Cancer, Washington, DC, March 23, 2017.

Why do people experience flavour differently and what might this mean for cancer risk and recovery? Invited talk to the Patient Seminar - Cancer and the Sensorium at the Multinational Association of Supportive Care in Cancer, Washington, DC, March 21, 2017.

Taste, Preference and Dietary Quality Changes with Bariatric Surgery: Background and Feasible Measures to Assess. New England Bariatric Networking Conference, Hartford, CT, June 9, 2017.

Connecting taste functioning with food preference in clinical to population-based research. Invited talk to Senses, Diet and Disease Conference, Sidra Medical Research Center, Qatar. November 13, 2016.

Sweet taste and child development: psychology, environmental factors, and screening for poor quality diet. Invited talk to the Joint ORCA - EADPH Symposium on Sugar: the Oral Health Perspective. Athens, Greece, July 6, 2016.

Oral Sensation, Food Selection and Chronic Disease Risk. Invited talk to the New Perspectives in nutrition: the perception of taste to the state of health in Genoa. The Italian Society of Human Nutrition (SINU), in collaboration with the International Centre for Studies and Training (CISEF). Genoa, IT October 29, 2015.

Chemosensory Function and the Assessment of the Health and Nutritional Status of Adults in the United States: History, Implementation and Future Opportunities. Organized and chaired an invited session at the Association for Chemoreception Sciences Meeting, Bonita Bay, Florida, April 2014.

Can we assess health behaviors by simply asking liking/disliking? Invited talk to the Center for Health, Intervention, and Prevention Lecture Series, University of Connecticut, Storrs, CT February 2014.

Multi-Level Interventions to Improve Vegetable Consumption in Children. Invited talk to the “Fixing the Broken Tomato: What We Like and Why We Like It” symposium at the Association for the Advancement of Sciences Meeting, Boston, MA, February 2013.

Taste Gene Polymorphism, Dietary Behaviors and Health. Invited talk to the Chemical Senses in Health and Disease Symposium at the Association for Chemoreception Sciences Meeting, Huntington Beach, CA, April 27th, 2012.

Sweet, Savory, Crunchy, Creamy: Satiating Effects of Taste and Texture. Invited talk, ADA Food and Nutrition Conference and Expo, September 25th, 2011, San Diego, CA.

Genetic Variation in Taste Perception, Food Preferences and Health. Invited talk, The Omics of Eating Behaviors, a workshop organized by The Joint Institute for Food Safety and Applied Nutrition, Food and Drug Administration, and National Cancer Institute at the National Institutes of Health, Dec 9, 2010, Greenbelt, MD.

Surveying Food/Beverage Liking: Application to Risk & Protection in Trajectories of Preterm Infants: Birth to Adulthood Project. Journal Club, Brown Center for Children, Providence, RI, Jan 27, 2009.

Surveying food/beverage preference: A tool for epidemiological studies to connect chemosensation with health outcomes. Invited talk—Epidemiological Studies of Taste and Smell Symposium at the International Symposium on Olfaction and Taste, July 2008, San Francisco, CA.

Sodium and the Science of Taste. Invited talk—The Conference, “Nutrient Essentials: Sodium and the Healthy Plate.” National Restaurant Association meeting. Chicago, IL July 2008.

Associations between Oral Sensation, Dietary Behaviors Risk of Cardiovascular Disease. Invited talk, Sensational Receptors Symposium. Endocrine Society 90th Annual Meeting, June 2008; San Francisco, CA

The Aging Plate- Maintaining Health and Quality of Life through Good Tasting Food. Invited talk—18th Annual New England Elderly Nutrition Regional Conference. Portsmouth NH, April 3rd, 2008.

Variation in oral sensation & dietary risk of cardiovascular disease. Invited talk—American Heart Association Scientific Sessions, Navigating the Calorie-Toxic Session. Nov 4, 2007, Orlando, Florida.

Salt Sensation & Preference: Background and Human Variation. Invited talk, GMA/FPA Salt Conference: Balancing Health with Consumer Preferences and Industry Challenges, Washington DC, Oct 2007.

Genetic Variation in Oral Sensation and Food Preference: Application to Dietetics Practice. Invited talk, Massachusetts Dietetic Association Annual Nutrition Convention & Exhibition, Marlboro, MA, May 2007.

Variation in Oral Sensation - Impact on food preference and obesity risk. Invited talk, 2007 Stanley N. Gershoff Symposium, Friedman School of Nutrition Science & Policy, Tufts Univ., Boston, MA, April 2007.

The Perfect Balance in a Variable Oral Sensory World. Invited talk to the American Association of Pharmaceutical Scientists Leadership Retreat, Vancouver, BC, March 2007.

The Aging Palate: Maintaining Health and Quality of Life Through Good Tasting Foods. Home Delivered Meals Provider Forum, Connecticut Community Care, Inc., Bristol, CT, September 2006.

Associations between Oral Sensory Variation and Health. Invited talk for the Clinical Lunch, Association for Chemoreception Sciences Meeting, Sarasota, FL, April 29, 2006.

Variation in Oral Sensation and Dietary Risk of Chronic Disease. Invited talk to Seminars in Nutritional Science, Washington University School of Medicine, St. Louis, MO, March 1, 2006.

Savor the Flavor of Healthy Eating. Invited talk to the Connecticut WIC Fall Conference, October 2005, New Haven, CT.

Improving Dietary Quality of Preschoolers: The Captain 5 A Day Program. Invited talk to the Massachusetts Dietetic Association Fall Conference, October 2005, Framingham, MA.

You Are What You Eat? Oral Sensations & Chronic Disease Risk. Invited talk APA Div. 1, Society for General Psychology, American Psychological Association Convention, August 2005, Washington, DC.

Variation in salt sensation and preference. Invited talk 2005 Institute of Food Technologists Annual Meeting and Food Expo. Linguagen Corp. symposium panel, "Science and food technology promote better tasting, healthy foods: The truth to sodium reduction." July 19, 2005, New Orleans, LA.

Research opportunities for epidemiological studies in chemosensation: The taste and nutrition connection. Invited talk, Workshop on Epidemiology of Communication Disorders, NIDCD, March 2005. Bethesda, MD.

Taste genetics and dietary risk of cardiovascular disease. Invited talk at the USDA Obesity Planning Prevention Workshop, April 21, 2004, Washington, DC.

Taste, Olfaction and Somatosensation in Aging . . . Applications to Nutrition, Health and Quality of Life. Invited talk at the Rhode Island Geriatric Education Center Workshop Series on Sensory Perception across Aging, March 22, 2004, Exeter, RI.

Associations between oral sensation, dietary behaviors and health outcomes. Invited talk presented at the Columbia University Seminar on Appetitive Behavior, November 6, 2003, New York, NY.

Research and Dietetics: A Matter of Good Taste and Optimal Nutrition. Invited talk presented at the Spring Meeting of the Connecticut Dietetic Association, April 2, 2003, Plantsville, Connecticut.

PROP Tasting and Risk of Cardiovascular Disease. Invited talk presented at the PROP Symposium at the European Chemoreception Research Organisation, July 23, 2002, Erlangen, Germany.

The Low Down on Low-Calorie Sweeteners. Presented at the 2002 Annual Symposium of The Florida Dietetic Association, July 2002, Ft. Lauderdale, FL.

Genetic variation and taste in humans, alcohol sensations and intake. Chemosensory Factors Influencing Alcohol Perception and Preferences Symposium. Scientific Meeting Research Society on Alcoholism, International Soc for Biomedical Research on Alcoholism, June 29th, 2002, San Francisco, CA.

Variations in oral sensation: Implications for enjoyable and healthful eating. Invited talk to the District of Columbia Metropolitan Area Dietetic Association, May 19, 2001, Washington, DC.

The Low Down on Low-Calorie Sweeteners. Selected session presented at the 83rd Annual Meeting of The American Dietetic Association, October 2000, Denver, Colorado.

Sensory factors that shape our palate. Invited talk presented to the American Overseas Dietetic Association Meeting, February 23-25, 2000, Brussels, Belgium.

Variations in oral sensation: Implications for enjoyable eating. Invited talk presented to the Southern California Food Industry Conference, January 18, 2000.

Taste, smell, and oral function: Implications in geriatric diagnostic nutritional assessment. Selected session, 82nd Annual Meeting of The American Dietetic Association, October 1999, Atlanta, GA.

Good health: It's at the tip of your tongue. Presentation as part of Health Marketing Week at BestFoods, Englecliff Lakes, NJ, July 28, 1999.

On the tip of your tongue: Taste changes throughout life's stages. BestTaste, BestNutrition, BestFoods. Symposium for New York City Media, May 19, 1999.

Taste and human nutrition: Application to dietetics practice. 20th Meeting of the AChemS with acceptance of the Ajinomoto Award for a promising young scientist in the field of gustation, April 25, 1998.

Hot topics in the chemosenses and cancer. Invited nutrition seminar presented at Providence Medical Center, August 13, 1997.

Genetic taste status and preferences for sweet and high-fat foods. Invited Talk for the American Association for the Advancement of Science Annual Meeting, February 13-18, 1997.

On the tip of your tongue: Does variation in taste perception influence our food behaviors? Invited talk for Fall Connecticut Dietetic Association Meeting, December 1996.

Genetic determinants of taste and food preference. Seminar presented to the Department of Clinical Nutrition, Rush-Presbyterian-St. Luke's Medical Center/Rush University, April 25, 1996.

Preference for sweet and fat foods: Variation with genetic taste status. Seminar presented to the Department of Nutrition, The Pennsylvania State University, April 2, 1996.

On the tip of your tongue: Does variation in taste perception influence our food behaviors? Invited talk for the Food News Seminar, Dallas, Texas, February 24-25, 1996.

Olfactory dysfunction and nutritional risk in elderly women. Seminar presented at the Travelers Center on Aging Seminar Series, December 1995.

Genetic taste perception and the development of food preferences. Seminar presented to the Child Development Consortium, University of Connecticut, December 1995.

Genetic taste perception and food preference. Invited talk for the 2nd Annual Rosemary Pangborn Symposium, San Diego, CA, July 1995.

Genetic taste perception: Implications to sensory evaluation. Graduate seminar, Department of Food Science, Cook College, Rutgers University, February 1995.

Taste anatomy and sex effects. Seminar presented for Research Day, Department of Surgery (Otolaryngology), Yale University School of Medicine, June 1994.

Olfactory perception and nutritional risk in free-living, elderly women. Seminar presented to the Monell Chemical Senses Center, Philadelphia, PA, May 1994.

Tongue anatomy associates with differences in the ability to taste 6-n-propylthiouracil. Seminar presented for Fall 1993 Seminar Series, Dept. Nutritional Sciences, Univ. of Connecticut, September 1993.

Issues of heterogeneity in food behavior research in the elderly. Seminar presented for Northeast 172 Technical Committee Workshop, University of Rhode Island, June 1993.

Anatomical differences in PROP taster status. Seminar presented for Research Day, Department of Surgery (Otolaryngology), Yale University School of Medicine, June 1993.

Does olfactory dysfunction in the elderly increase nutritional risk? Seminar presented at the Bowman School of Medicine, Wake Forest University, June 1993.

HONORS AND AWARDS—ACADEMIC/RESEARCH:

- 2103 College of Agriculture and Natural Resources Research Award.
- 2005-2010 Associate Fellow—5-year appointment, Pierson College, Yale University, New Haven, CT
- 1998 Spotlight Dietitian, *The Digest*, Publication of the Research Dietetic Practice Group of The American Dietetic Association (ADA), Volume XXXIV, No. 2, Spring 1998.
- 1998 Ajinomoto Award for a promising young scientist in the field of gustation, Association for Chemoreception Sciences
- 1995 National Alpha Eta Honor Society
- 1993 New Investigators Award—Nutrition Research Dietetic Practice Group, ADA
- 1991 Janina M. Czajkowski Scholar in Community Nutrition—Department of Nutritional Sciences, University of Connecticut, Storrs, CT
- 1991& 1990 Kraft General Foods Foundation Fellowship Award (2 consecutive years), ADA Foundation
- 1989 Travelers Center on Aging Fellowship, University of Connecticut, Storrs, CT
- 1988 Institute of Food Technologist Fellowship, Nutmeg Division
- 1988 Phi Kappa Phi Academic Honorary Society

HONORS AND AWARDS—SERVICE:

- 2000 American Dietetic Association—Recognized Dietitian of Connecticut
- 1987 American Dietetic Association —Recognized Young Dietitian of Connecticut

HONORS AND AWARDS—TEACHING:

- 2006 University of Connecticut Honors Faculty Fellow
- 2004 Dean's Leadership Award—Excellence in Research, School of Allied Health
- 2004 Golden Apple Award for Integration of Research in the Classroom, School of Allied Health Student Leadership
- 2003 Golden Apple Award for Integration of classroom and clinical experiences, School of Allied Health Student Leadership
- 2003 Dean's Leadership Award—Excellence in Teaching, School of Allied Health
- 2000 The ADA Outstanding Educator Award for Area VII, Coordinated Program
- 2000 Golden Apple Award for Advising, Counseling and Mentorship, School of Allied Health Student Leadership
- 99, 00, 03,04 Nominated for Outstanding Faculty Advisor, The University of Connecticut
- 1997 Golden Apple Award for Research, School of Allied Health Student Leadership

PROFESSIONAL SERVICE—NATIONAL/INTERNATIONAL:

- 2018 Editorial Board Member, *Nutrients* — Open Access Journal of Human Nutrition
- 2015 Selected Member, Chronic Disease Management Team, Cooperative Extension Health Implementation 2015-2018

- 2014-2017 Appointed Member, Food and Nutrition Science Solutions Joint Task Force, a partnership between the Academy, American of Society of Nutrition, International Food Information Council, and Institute of Food Technologists
- 2013-2018 Chair – Clinical Symposium Committee, Association for Chemoreception Sciences
- 2010-2011 Expert, Roundtable discussion of dietary issues as they relate to blood pressure and cardiovascular health sponsored by the International Food Information Council (IFIC)
- 2005-2006 Chair—American Dietetic Association (ADA) Expert Work Group, Evidence-based Analysis, Non-nutritive sweeteners
- 2001-2003 Member—Association for Chemoreception Sciences Program Committee
- 1999-2001 Member—American Dietetic Association (ADA) Scholarships Committee
- 1999-2004 Member— Association Position Committee Workgroups, House of Delegates (HOD)
- 1998-1999 Member—ADA Consumer Nutrition Messages Program Scientific Advisory Committee
- 1997-1999 Chair—ADA Positions Committee, HOD
- 1995-1997 Member—ADA Positions Committee, HOD

PROFESSIONAL SERVICE—STATE:

- 1999 Key Note Address, Yale-New Haven Hospital Dietetic Internship Graduation
- 1997-1998 Co-Chair, Fund-raising committee. Collaboration between the School of Allied Health and The Connecticut Dietetic Association (CDA) to raise \$12,000 for funds honoring Polly Fitz.
- 1993-2000 Delegate to ADA; CDA Executive Board elected by peers for a second term.
- 1988-1989 Council on Practice Chairperson—CDA; Co-Chairperson from 1987-1988

ACADEMIC SERVICE—UNIVERSITY:

- 2002-2016 Member, University Scholars Committee
- 2002-2008 Member, University Associate Board of Directors, Honors Program
- 1999-2001 Frontiers of Undergraduate Research Committee
- 1998-2001 Group Leader, Freshman Reading Project, Welcome Week at UCONN for Freshman
- 1998-1999 Reviewer, University of Connecticut Research Foundation, Large Faculty Grants

ACADEMIC SERVICE—COLLEGE, DEPARTMENT, PROGRAM:

- 2014- Chair, Graduate Program in Allied Health Sciences (AHS)
- 2013-2014 Chair, AHS Obesity Search Committee
- 2013-2016 Chair, AHS PTR committee
- 2010-2012 CANR PT&R Committee; Chair in 2011/12
- 2011-2012 CANR Research Council
- 2009-2011 CANR Faculty Leadership Council
- 2008 Search Committee, Dietetics Program Director,
- 2006-2008 Scholarship Committee, College of Agriculture and Natural Resources (CANR)
- 2007-2010 PTR Committee, Department of Allied Health Sciences
- 2006-2007 Search Committees, Faculty in Genetics and Health Promotion, Department of Allied Health Sciences
- 2005-2006 Search Committee, Head, Department of Allied Health Sciences, CANR
- 2003-2005 School Promotion and Tenure Review Committee
- 2001-2004 Chair, Curriculum and Courses Committee
- 1997-2000 Merit Committee, SAH; Chair 1999-2000
- 1997-1999 Search Committee, Dietetics Program Director, SAH
- 1996-2000 Secretary—Alpha Eta, University of Connecticut Chapter
- 1996-1998 PhD Proposal Committee, SAH
- 1996-1997 Search Committee, Faculty position, School of Allied Health (SAH)
- 1995-1997 SAH Student/Faculty Leadership Committee
- 1995- Honors Program Advisor—Dietetics
- 1995-1996 SAHP (School of Allied Health Professions) Assembly Leadership Council
- 1995-1996 Secretary—SAHP Assembly
- 1996-1998 Faculty Advisor to the Student Dietetics Club

- 1994-1995 Dietetics Program Director Search Committee
 1994-1995 SAHP Dean's Search Committee Representing Dietetics
 1994-1995 SAHP Organizational Change Working Group

MEMBERSHIP—NATIONAL:

- 2019- Member— Society of Behavioral Medicine
 2007- Member—American Society for Nutrition
 1994-98;2010- Member—Society for Nutrition Education and Behavior
 1994-1996 Member—Foodservice Systems Management Education Council
 1994-2010 Member—Society for the Study of Ingestive Behavior
 1993-2002 Assoc. Member—American Society for Nutritional Science, Society for Clinical Nutrition
 1988- Member—Association for Chemoreception Sciences
 1984- Member—Academy of Nutrition and Dietetics (Registered Dietitian, CDR, 1984 #677048)

GRANTS FUNDED:

- 1/2019-12/20 Ellagic acid, urolithins and microbial communities associated with colonic neoplasia (Dan Rosenberg, PI). American Institute for Cancer Research, \$25,106.
- 10/18-9/21 Tailored messages for health promotion and obesity prevention using e-health and m-health. Funded through the Storrs Agricultural Experiment Station, USDA/HATCH, \$90,000.
- 10/08- Principal Investigator—UCONN Supplemental Nutrition Assistance Program-Nutrition Education. USD FNS, via the CT Department of Social Services (\$2,119,548 in FY 09; \$2,989,763 in FY 10; \$5,532,553 in FY11; \$103,374 in FY13; \$109,425 in FY14; \$161,722 in FY15; \$209,265 in FY16; \$224,205 in FY17; \$263,037 in FY18; \$288,822 in FY19; \$305,887 in FY 2020)
- 10/17-9/19 Co-Principal Investigator— Supporting the development of healthy eating in young toddlers through a coordinated, clear and consistent communications program (the 4 C's) in one low-income Connecticut community. Child Health and Development Institute of Connecticut. \$64,982.
- 10/13-9/18 Principal Investigator – UConn Subcontract. Manipulating Tobacco Constituents in Female Menthol Smokers (Cheryl Oncken, PI, UCHC). NIDA, \$93,318.
- 10/13-9/18 Principal Investigator – UConn Subcontract. Tastes, Preferences, and Behavior: Effects of Nicotine and Flavorings in Electronic Cigarettes (Mark Litt, PI, UCHC). NIDA, \$422,148.
- 10/13-9/30/18 Principal Investigator— Development of a liking survey for assessing dietary risk of obesity and cardiovascular disease (CVD). Funded through the Storrs Agricultural Experiment Station, USDA/HATCH, estimated \$75,000
- 7/10-6/15 NHANES Chemosensory Development and Implementation Protocol. NIDCD through Westat, \$ 241,731 up to 12/31/13; \$106,475 for FY14.
- 10/09-9/12 Action for Healthy Kids, Implementation of GameOn! and The Layering Project, \$90,000.
- 01/09-12/10 Taste— NIH Toolbox for Assessment of Neurological and Behavioral Function Funded by NIH via NorthShore University Health System Research Institute. \$29,380.
- 10/07-9/30/10 Principal Investigator— Variation in Oral Sensation and Dietary Risk of Cardiovascular
 10/1/10-9/30/13 Disease. Funded through the Storrs Agricultural Experiment Station, USDA/HATCH, \$60,000.
- 10/99-9/30/10 Principal Investigator—Nutrition Education to Increase the Purchase of Healthy Foods: Food Stamps. USDA funded to the CT Department of Public Health and sub-contract to UCONN for

\$15,000 in 1999 FY, \$19,860 in 2000 FY, \$57,000 in 2001 FY; \$137,000 in 2002 FY; \$132,900 in 2003 FY; \$185,000 in 2004 FY; \$173,000 in 2005; \$181,000 in 2006; 232,000 in 2007; \$314,721 in 2008; \$292,939 in 2009.

- 9/06-9/07 Principal Investigator—Taste, Food Preference and Risk of Colon Cancer. Funded through the 2006 Cancer Prevention and Seed Grant competition for \$10,000 over 1 year.
- 7/05-12/08 Principal Investigator—The Captain 5 A Day Program: Improving dietary quality and physical activity in preschoolers. American Diabetes Association Foundation, \$250,000.
- 7/04-6/10 Co-Principal Investigator. “Taste psychophysics.” Funded by NIH with a sub-contract to UCONN for \$319,140 over 5 years. (Primary Site: Yale University, L. Bartoshuk, P.I.).
- 11/02-12/07 Principal Investigator—Taste Genetics and Dietary Risk of Cardiovascular Disease. Grant funded for \$220,000 by the USDA.
- 5/00-01 Principal Investigator—Retronasal olfaction in aging: Contributions of taste. R03 funded by the National Institutes on Aging for \$50,000 direct costs, 1 year (Total costs: \$70,917).
- 7/99-04 Co-Principal Investigator. “Taste psychophysics.” Funded by NIH with a sub-contract to UCONN for \$251,204 over 5 years. (Primary Site: Yale University, L. Bartoshuk, P.I.).
- 9/98 Collaborator—“Treatment of oral phantoms: Implications for women’s health.” Funded by The Ethel F. Donaghue Women’s Health Investigator Program at Yale, \$49,200. L. Bartoshuk, P.I.
- 7/98 Collaborator—Genetic taste variation and colon Cancer Risk. Funded by the Veteran’s Administration for \$20,000 over 6 months. M. Basson, P.I.
- 5/96 Principal Investigator—Infusion of Technology into Dietetics Teaching. Large teaching grant for \$5,870 funded by University of Connecticut Teaching Institute.
- 9/96 Principal Investigator. Taste Genetics and Dietary Intake in Young Adults. Seed Grant funded by USDA for \$49,999 over three years.
- 12/95 Collaborator—Taste Phantoms. Funded by the NIH—Section of Deafness and Communication Disorders. L. Bartoshuk, P.I.
- 6/1/95 Collaborator—Taste Psychophysics. Funded by the NIH—Section of Deafness and Communication Disorders. L. Bartoshuk, P.I.
- 1994 Principal Investigator—Effect of genetic taster status on food preference and food intake of young adults. Large faculty grant for \$13,000, UConn Research Foundation.
- 1994 Collaborator—Oral mucositis pain control with capsaicin candy. Awarded by the Donaghue Medical Research Foundation. L. Bartoshuk, P.I.

REVIEWER (previous and current):

Editorial Board: Nutrients, Reviews in Endocrine and Metabolic Disorders, Chemosensory Perception
Journals: Alcohol; Alcoholism: Clinical and Experimental Research; American Journal of Clinical Nutrition; Appetite; Attention, Perception, & Psychophysics; Chemical Senses; Chemosensory Perception; Dysphagia; Early Human Development; European Journal of Clinical Nutrition; Journal of Food, Quality and Preference; Journal of Food Science; Journal of Gerontology; Journal of The American Dietetic Association; Journal of Medical Genetics; Journal of Neural Transmission; Lancet; Nicotine and Tobacco Research; Obesity;

Physiology and Behavior; Pediatrics; PLOS ONE, Proceedings of the National Academy of Sciences; Psychiatry Research

Funding Agencies: Grant reviewer for NIH RC4 Community Infrastructure applications, the USDA National Research Initiative Competitive Grants Program, Reviewer for University of Connecticut Research Foundation Awards, Hatch Awards and CHIP Awards, Tobacco Control Regulatory Research Review

Names, date graduated (or anticipated), thesis/dissertation title and level for all graduate students

- Julie Peterson (2000)—Genetic Variation in Taste: Associations with sweet and alcohol sensations and dietary behaviors. Master's Degree.
- Megan Phillips (2001)—Genetic Variation in Taste: Associations with fat sensations and dietary behaviors. Master's Degree.
- John Frassinelli (2001)— Short-term Impact of a School-based 5 A Day Nutrition Program on Vegetable Preference and Intake among High-Risk Preschool Children. Master's Degree.
- Audrey Chapo (2002)— Age-related changes in oral sensations: Associations with preference for and intake of dietary salt and fat. Master's Degree.
- Heather Hutchins (2003)—Genetic variation in taste and risk for cardiovascular disease. Master's Degree.
- Sabrina Noel (2004)— The evaluation of the Captain 5 A Day Program for Head Start children and their families. Master's Degree.
- Mary Dinehart (2005)— The bitter and the sweet: Oral sensory markers of vegetable and sugar intake. Master's Degree.
- Sarah Lanier (2005)— Explaining variation in abdominal obesity with food preference and oral sensory makers. Master's Degree.
- Kittie Kneeland (2006)— Evaluating access to and intake of vegetables in economically disadvantaged populations through the Captain 5 A Day Program. Master's Degree.
- Elizabeth Kinsley (2006) —Demonstrating the need for an evaluating a 16-week school-based intervention to increase vegetable consumption among low-income preschoolers. Master's Degree.
- Tina Dugdale (2006)—Development of entry-level competence in public health and community nutrition through partnerships between a university dietetics program, state department of public health, and agencies that are direct providers of services to the poor. Master's Degree.
- Bridget Sullivan (2007)—Using a preference questionnaire and mediators of dietary choice to predict chronic disease risk. Master's Degree.
- John Hayes (2007)— Translating Taste Genetics to Adiposity: Sensation, Preference and Intake of High-Fat, Sweet Foods. Doctoral Degree.
- Heather Harrington (2008)— Food Stamp Nutrition Education: Identification of Key Stakeholders and Development of an Intervention to Improve Diet Quality of School Readiness Preschoolers. Master's Degree.
- Kerah Kennedy (2009)— Food Liking Surveys: A Tool For Explaining Dietary Intake Of Preschoolers And Mediators Of Obesity Risk. Master's Degree.
- Angie Corcoran (2010)—Improving Dietary Quality of At-Risk Preschoolers: Needs Assessment And Validating an Intake Evaluation Tool. Master's Degree.
- Katryna Minski (2010)—The Use of Chemosensory Markers and Liking Surveys to Develop Dietary Recommendations to Lower Diet-Related Disease Risk. Master's Degree.
- Shristi Rawal (2011)—Taste intensity phenotype: Novel association with TAS1R1-intronic SNP and developing a protocol to measure this phenotype in population-based studies. Master's Degree.
- Sarah Bourque (2011)—Supporting School Wellness Policies through GameOn! Implementation in 13 High-Need Connecticut Schools. Master's Degree.
- Julie Menounos (2012)—Food security, diet quality and food assistance participation among food pantry users in the North End of Hartford (Katie Martin, PhD, research advisor). Master's Degree.
- Kristen Chasse (2012)— Facilitating Implementation of Wellness Programs in Three High-Need Connecticut School Districts: A Pilot Project. Master's Degree.
- Stephanie Davison (2013)—CP/Master's Degree; Plan B
- Kristen Quann (2013)—CP/Master's Degree; Plan B
- Natalie Smith (2013)—CP/Masters
- Shymaa Ata (2013) The effects of lutein delivered in eggs on age-related macular degeneration and cardiovascular disease risk factors: a randomized controlled trial. Doctoral Degree

- Shristi Rawal (2015) Implementing a Standardized Taste and Smell Protocol in the National Health and Nutrition Examination Survey: Examining Prevalence, Risk Factors and Health Implications of Taste and Smell Alterations. Doctoral Degree
- Mastaneh Sharafi (2015) Food preference survey to assess dietary intake and dietary risk of chronic disease. Doctoral Degree.
- Alexandra Dagenais (2016) Plan B Master's degree in GPAH
- Esha Fletcher (2016) Plan B Master's degree in GPAH
- Sarah Grace-Glennon (2016) Chemosensory Function in Chronic Smokers: Findings from NHANES 2011-2014 and an E-Cigarette Intervention. Master's degree in Health Promotion Sciences.
- Kayla Vosburgh (2016) Childhood Obesity Prevention in Income-Disadvantaged Populations: An Evaluation of Two Novel Approaches. Master's degree in Health Promotion Sciences.
- Jennifer White (2017) Plan B Master's degree in Health Promotion Sciences.
- Daniel Brunell-Greene (2017) Plan B Master's degree in Health Promotion Sciences.
- Samantha Oldman (2018), Improving Diet & Physical Activity Behaviors Through Tailored mHealth Messages: Application to Childhood Obesity Prevention in a Pediatric Emergency Department. Masters Student in Health Promotions Sciences
- Victoria Thomson (2018), Plan B Master's in Health Promotions Sciences
- Brittany Larsen (2019), Food Liking in Chronic Smokers: Associations with Sweet E-juice and Adiposity and Short-Term Changes Across an E-cigarette Intervention, Plan A Master's in Health Promotions Sciences
- Lindsay Fenn (2019), The Development of an Online Survey and Screening Tool to Assess Toddler Feeding Behaviors in a Low-Income Connecticut Community, Plan A Master's in Health Promotions Sciences
- Heidi Karner (2019), A Feasible and Tailored Nutrition Education Intervention for Middle-Schoolers: Coordination with School Nutrition Program and Preliminary Outcomes, Plan A Master's in Health Promotions Sciences.
- Megan Jalbert, Plan B Master's in Health Promotions Sciences
- Carley Bedell, Plan B Master's in Health Promotions Sciences
- Anna Awtry, Plan B Master's in Health Promotions Sciences
- Sara Borrello, Plan B Master's in Health Promotions Sciences
- Monika Maciorowski, Plan B Master's in Health Promotions Sciences

Current Graduate Students – Major Advisor

- Patrice Hubert, Doctoral Student in Health Promotion Sciences
- Sarah Chau, Masters Student, Plan A, in Health Promotion Sciences
- Ashton Christopher, Masters Student, Plan B, in Health Promotions Sciences
- Haley Gershman, Masters Student, Plan A, in Health Promotions Sciences
- Benjamin Giroux, Masters Student, Plan B, in Health Promotions Sciences
- Anthony Duong, Masters Student, Plan B, in Health Promotions Sciences
- Jaclyn Lerner, Masters Student, Plan A, in Health Promotions Sciences
- Josie Hare, Masters Student, Plan B, in Health Promotions Sciences
- ^a Lily Tartsinis, Masters Student, Plan B, in Health Promotions Sciences
- ^a Madeline Fulton, Masters Student, Plan B, in Health Promotions Sciences