

MS IN NUTRITION & FOOD



SACRAMENTO STATE
Redefine the Possible

In Workflow

1. FACS Committee Chair (shiltsm@csus.edu)
2. FACS Chair (wbuchan@csus.edu)
3. SSIS College Committee Chair (tristan.josephson@csus.edu)
4. SSIS Dean (mendriga@csus.edu)
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6. Senate Curriculum Subcommittee Chair (curriculum@csus.edu)
7. Faculty Senate Executive Committee Chair (kathy.garcia@csus.edu)
8. Faculty Senate Chair (kathy.garcia@csus.edu)
9. Dean of Undergraduate (james.german@csus.edu; celena.showers@csus.edu)
10. Dean of Graduate (cnewsome@skymail.csus.edu)
11. President (218709830@csus.edu)
12. Provost (amy.wallace@csus.edu; minekh@csus.edu)
13. Chancellor's Office (torsetj@csus.edu)
14. Board of Trustees (torsetj@csus.edu)
15. WASC (amy.wallace@csus.edu)
16. Catalog Editor (torsetj@csus.edu)
17. Graduate Studies (jdsmall@csus.edu; mxiong@csus.edu)

Approval Path

1. Thu, 15 Apr 2021 00:38:32 GMT
Mical Shilts (shiltsm): Approved for FACS Committee Chair
2. Thu, 15 Apr 2021 00:40:22 GMT
Lynn Hanna (lhanna): Approved for FACS Chair
3. Tue, 27 Apr 2021 15:18:38 GMT
Tristan Josephson (tristan.josephson): Rollback to Initiator
4. Tue, 27 Apr 2021 21:56:10 GMT
Mical Shilts (shiltsm): Approved for FACS Committee Chair
5. Wed, 28 Apr 2021 16:36:41 GMT
Lynn Hanna (lhanna): Approved for FACS Chair
6. Mon, 17 May 2021 17:25:30 GMT
Tristan Josephson (tristan.josephson): Rollback to Initiator
7. Tue, 18 May 2021 18:49:31 GMT
Mical Shilts (shiltsm): Approved for FACS Committee Chair
8. Tue, 18 May 2021 20:54:43 GMT
Lynn Hanna (lhanna): Approved for FACS Chair
9. Fri, 27 Aug 2021 01:28:52 GMT
Tristan Josephson (tristan.josephson): Rollback to Initiator
10. Fri, 27 Aug 2021 15:08:39 GMT
Mical Shilts (shiltsm): Approved for FACS Committee Chair
11. Fri, 27 Aug 2021 18:18:48 GMT
Lynn Hanna (lhanna): Approved for FACS Chair
12. Fri, 03 Sep 2021 23:08:37 GMT
Tristan Josephson (tristan.josephson): Approved for SSIS College Committee Chair
13. Wed, 08 Sep 2021 00:38:34 GMT
Marya Endriga (mendriga): Approved for SSIS Dean

New Program Proposal

Date Submitted: Fri, 27 Aug 2021 15:03:39 GMT

Viewing: MS in Nutrition & Food**Last edit: Fri, 27 Aug 2021 18:18:18 GMT**

Changes proposed by: Mical Shilts (102012285)

Academic Group: (College)

Social Sciences & Interdisciplinary Studies

Academic Organization: (Department)

Family and Consumer Sciences

Catalog Year Effective:

2022-2023 Catalog

NOTE: This degree major program will be subject to program review evaluation within six years after implementation.

Individual(s) primarily responsible for drafting the proposed degree major program:

Name (First Last)	Email	Phone 999-999-9999
Mical Shilts	shiltsm@csus.edu	916-628-4910
Lynn Hanna	lhanna@csus.edu	916-278-6420
Wendy Buchan	wbuchan@csus.edu	530-313-8922

Type of Program Proposal:

Major

Is this a pilot program?

No

Is this a Fast Track program?

No

Does this major plan to include any formal options, concentrations, or special emphases?

No

Title of the Program:

MS in Nutrition & Food

Designation: (degree terminology)

Master of Science

Abstract of the proposal:

We propose a Master of Nutrition and Food. It would meet a critical need for an accreditation requirement for a required master's degree to become a Registered Dietitian Nutritionist by 2024; career advancement opportunities for Sacramento State Nutrition & Food (NUFD) alumni; include a relevant program for Sacramento State's downtown school, and provide faculty within SSIS to advance graduate programming collaboration among related disciplines. Demand surveys conducted with current NUFD majors, alumni, and employers overwhelmingly support need for the MS in NUFD. Important factors included proximity to the Sacramento region, better career opportunities, and higher salaries.

Briefly describe the program proposal (new or change) and provide a justification:

Sacramento State is proposing a Master of Science in Nutrition and Food. The purpose of the proposed degree is to:

- meet the Accreditation Council for Education in Nutrition and Dietetics (ACEND) new accreditation standard requiring a master's degree for applicants taking the registration exam for dietitians starting January 2024. Dietetic Internship (DI) and Didactic Program in Dietetics (DPD) students will both benefit from this proposed nutrition and food master's degree opportunity. Sacramento State has an undergraduate DPD and a post-baccalaureate DI both accredited by ACEND to have 10 dietetic interns yearly for 10-months of supervised practice and 72 undergraduates in the DPD. Thereby adding the master's degree for students to complete prior to January 2024 is a critical need in the dietetics field.
- provide career advancement opportunities for BS in Nutrition and Food (NUFD) alumni as supervisors and leaders in federal, state and local food access and community nutrition education agencies.
- add a signature program to the Sacramento State's downtown school; strengthen collaborations with state nutrition and food assistance agencies and policy makers.
- support Sacramento State's Anchor University initiative by strengthening community food access, nutrition education, and disease prevention.

Demand surveys conducted with current NUFD majors, alumni, and employers support demand for the MS in NUFD and provided guidance in the program development. Current NUFD majors indicated most (81%) are considering pursuing a graduate degree

and 73% would apply to the proposed master's degree. Similarly, a majority (81%) of NUFD alumni surveyed who were interested in obtaining a graduate degree would consider applying to the proposed MS in NUFD. Nutrition & Food Employers in the Sacramento region reported there is a strong need for the proposed MS in NUFD and that the graduate degree will provide better career opportunities and higher salaries. In addition, the NUFD Program Advisory Committee provided strong support for the development of a master's degree with coursework in nutrition policy, determinants of obesity, program evaluation, health analytics and policy, system and environmental change strategies. The advisory committee also noted that some nutrition and food-related careers, especially in the state government, require a master's degree.

The characteristics of the proposed graduate program includes 30 units of coursework to prepare students for leadership and advocacy in nutrition and food policy, systems, and environmental-change efforts to reduce chronic disease risk and promote food access through core coursework including a combination of newly developed courses in Research Methods (NUFD 200), Advanced Nutrition Science (NUFD 213), Food Production & Sustainability Policy (NUFD 225) and Capstone (NUFD 500) and existing Dietetic Internship (DI) courses including Advanced Community Nutrition & Nutrition Education (NUFD 222) and Advanced Community Nutrition and Policy (NUFD 224). Collaboration within Sacramento State's College of Social Science and Interdisciplinary Studies has resulted in several interdisciplinary electives (consultations are attached) such as: social organizations and change, collaborative policy, health economics, behavioral neuroscience, environmental toxicology, anthropology of food, and strategies for optimal aging.

Objectives of the degree program:

Graduates will:

- 1) Master, integrate and apply human nutrition science research, program evaluation, and nutrition and food policies from a variety of sources to promote optimal nutrition status and health.
- 2) Communicate evidence-based food and nutrition science research, program evaluation research, behavioral theories and techniques, and policy recommendations to various stakeholders via oral presentations and written policy briefs.
- 3) Evaluate and design food and nutrition policy, systems, and environmental-change strategies to address a societal problem applying information from a variety of food & nutrition science and behavioral nutrition sources while considering ethical and cultural implications.
- 4) Apply a complex understanding of cultural biases, worldviews, values, communication styles, beliefs and practices to nutrition and food research, programming, and policy.

University Learning Goals

Graduate (Masters) Learning Goals:

Critical thinking/analysis
 Communication
 Information literacy
 Disciplinary knowledge
 Intercultural/Global perspectives
 Professionalism
 Research (optional)

Will this program be required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

Please attach a Comprehensive Program Assessment Plan (required)

MS NUFD_Assessmen Plan_8_26.pdf

Please attach a Curriculum Map Matrix (required)

MS NUFD_Curriculum_Matrix_8_26.pdf

Please attach a five-year budget projection (required)

MS_NUFD_Budget Statement_5_16_21 .pdf

Catalog Description:

The Sacramento State Master of Nutrition and Food program prepares students for leadership and advocacy in nutrition programs and policy. Students apply nutrition and food research to improve individual and community health by developing strategies to promote food access, health equity and dietary change.

The 30-unit program includes specialized coursework in nutrition science, advanced community nutrition, behavioral nutrition, and food and nutrition policy plus a wide array of interdisciplinary electives to be tailored to interests and career goals.

The Master of Nutrition and Food program is designed to:

- provide career advancement opportunities in federal, state and local food access and nutrition education agencies,
- complement the Sacramento State's Dietetic Internship for those on the path to become Registered Dietitian Nutritionists.*

*Note: The Sacramento State Dietetic Internship, requires a separate application. More information about the Internship can be found at: www.csus.edu/facs/dietetic-internship (<http://www.csus.edu/facs/dietetic-internship/>).

Admission Requirements: Course prerequisites and other criteria for admission of students to the degree major program, and for their continuation in it.

Admission Requirements

Applicants must possess a bachelor's degree with a minimum 3.0 GPA for the last 60 units attempted.

Prerequisites

12 units of upper division coursework from each of the following categories:

- Nutrition and Metabolism (NUFD 113)
- Lifespan Nutrition (NUFD 115 or 119)
- Community Nutrition (NUFD 117) or Nutrition Education (NUFD 107)
- Food production, Food Science or Management (NUFD 110 or 116)

And

3 units of Statistics (Stat 1) or Research Methods (NUFD 100)

Minimum Units and Grade Requirement for the Degree

Units required for the MS: 30

Minimum Cumulative GPA: 3.0

Admission Requirements

All prospective graduate students, including Sacramento State graduates, must file the following with the Office of Graduate Studies (<http://www.csus.edu/gradstudies/>):

- an application for admission;
- one set of official transcripts from all colleges and universities attended (other than Sacramento State);
- personal statement; and
- two reference forms.

For more admissions information and application deadlines please visit the Office of Graduate Studies website.

Advancement to Candidacy

Each student must file an application for Advancement to Candidacy, indicating a proposed program of graduate study. This procedure should begin as soon as the classified graduate student has:

- removed any deficiencies in admission requirements;
- completed at least 12 units of 200-level courses in the graduate program with a minimum 3.0 GPA;
- selected a Thesis or Project committee;
- obtained the committee's approval of a proposal for the thesis or project; and
- completed a Graduate Writing Intensive (GWI) course in their discipline within the first two semesters of coursework at California State University, Sacramento.

The student will complete the Advancement to Candidacy form after planning a degree program in consultation with a Nutrition and Food advisor and members of the student's thesis/project committee. The completed form is then returned to the Office of Graduate Studies for approval.

Program Requirements: (If new courses are being created as part of a new program, it will be useful to propose courses first.)

Program Requirement

Code	Title	Units
Required Core Courses (18 Units)		
NUFD 200	Course NUF 200 Not Found	3
NUFD 213	Course NUF 213 Not Found	3
NUFD 222	Advanced Community Nutrition and Nutrition Education	3
NUFD 224	Advanced Community Nutrition and Policy	3
NUFD 225	Course NUF 225 Not Found	3
NUFD 500	Course NUF 500 Not Found	3
Electives (12 Units)		
<i>Select 12 units from the following: Select electives with advisor approval. A limit of 2 undergraduate courses (6 units) may be selected.</i>		12
ANTH 174	Anthropology of Food	
ANTH 274	Environmental Anthropology	
ECON 110	Cost Benefit Analysis	
ECON 130	Public Finance	
ECON 132	State and Local Government Finance	
ECON 150	Labor Economics	
ECON 152	Economics of Education	

ECON 153	Health Economics
ENVS 130	Environmental Toxicology
ENVS 135	California Water and Society
ENVS 144	Sustainability Science & Policy
ENVS 147	Urban Agriculture and Aquaponics
ENVS 149	Agroecology
GERO 101	Elder Care Continuum Services and Strategies
GERO 102	Social Policy for an Aging Society
GERO 221	Strategies for Optimal Aging
GERO 222	Managing Disorders in Elders
ETHN 203	Contemporary Ethnic Studies Issues
ETHN 204	Foundations & Theories
ETHN 116	Asian American Politics and Public Policy
ETHN 117	Black Political Thought
ETHN 133	Crosscultural Aging in America 🌐
ETHN 142	Native American Tribal Governments
ETHN 152	American Indians, Sovereignty and US Laws
ETHN 161	Chicano/Latino Politics and Public Policy
POLS 284	Urban Politics
POLS 280	California Politics
POLS 270	Political Behavior and Political Processes: California and Beyond
POLS 180	California State and Local Government
POLS 171	Environmental Politics and Policy
POLS 170	Public Policy Development
POLS 169A	Science, Technology, and Politics
POLS 167	American Political Development
POLS 159D	Politics, Immigration, and Citizenship
POLS 155	The Legislative Process
PPA 200	Introduction to Public Policy and Administration ✍️
PPA 210	Political Environment of Policy Making
PPA 240A	Public Management and Administration I
PPA 240B	Public Management and Administration II
PPA 270	Introduction to Collaborative Policy Making
PPA 272	Collaborative Governance Advanced Practice
PSYC 142	Community Psychology
PSYC 171	Applied Behavior Analysis
PSYC 240	Seminar in Behavioral Neuroscience
PSYC 251	Developmental Processes
SOC 144	Sociology of Health and Illness
SOC 220	Seminar: Social Change
SOC 230	Seminar: Social Organization
WOMS 133	Course WOMS 133 Not Found
NUFD 221A	Advanced Clinical Nutrition A <small>Option for MS/DI Students Only</small>
NUFD 221B	Advanced Clinical Nutrition B <small>Option for MS/DI Students Only</small>
NUFD 223	Advanced Foodservice Management and Administration <small>Option for MS/DI Students Only</small>
NUFD 295	Field Study

Total Units

30

Explanation of special characteristics of the proposed degree major program; e.g., in terminology, units of credit required, types of course work, etc.:

N/A

Will this program require specialized accreditation?

Establishment of a master's degree program should be preceded by a national professional accreditation of the corresponding bachelor's degree major program.

Will this program require accreditation?

No

Need for the Proposed Degree Major Program

Is the proposed degree program offered at any California State University campus or any neighboring institutions?

Yes

List of other California State University campuses currently offering or projecting the proposed degree major program; list of neighboring institutions, public and private, current offering the proposed degree major program:

The following CSU campuses offer a MS in Nutrition, Nutrition Science, Human Nutrition or Dietetics: Chico, Long Beach, Los Angeles, Northridge, Cal Poly Pomona, San Diego, San Jose, and San Luis Obispo.

UC Davis and University of the Pacific both offer MS level degrees in Clinical, Nutritional Biology or Maternal Child Nutrition.

Differences between the proposed program and the programs listed above:

The nearest programs offering nutrition graduate programming include CSU Chico (94 miles away) which offers a MS in Nutritional Science without the program and policy focus and requires inorganic, organic chemistry, physiology, and microbiology which would exclude our NUFD undergraduate alumni. UC Davis also requires organic chemistry and biochemistry and focuses on either MS in maternal child health or nutritional biology at the PhD level. Lastly, University of Pacific in Stockton will begin offering a MS in Clinical Nutrition beginning in 2021. The focus on clinical nutrition not programs and policy and private college tuition could be a barrier for our target population, Sacramento State Alumni. Therefore, based on the evidence provided above our projections for an enrollment pool is clearly supported.

List of other curricula currently offered by Sac State which are closely related to the proposed program:

No other program at Sacramento State offers graduate programming in nutrition and food. Two graduate programs offer curricula which complements the proposed program: Master’s in Public Health and Master’s in Public Policy and Administration (PPA).

Attach the results of a formal survey in the geographical area to be served indicating demand for individuals who have earned the proposed degree and evidence of serious student interest in majoring in the proposed program:

MD NUFD Demand Survey Highlights and Results.pdf

Provide justification for any discrepancies between national/statewide/professional manpower surveys and local findings:

There are no discrepancies.

For graduate programs, the number of declared undergraduate major and the degree production over the preceding years of the corresponding baccalaureate program:

2015-16 2016-17 2017-18 2018-19 2019-20

Majors

437 477 518 498 415

Degrees

126 132 145 178 151

Professional uses of the proposed degree major program:

- Registered Dietitian Nutritionist, Community Dietitian, Public Health Nutritionist, Outpatient Dietitian, Research Dietitian
- Community Nutrition Program Supervisors in Federal, State or non-profit institutions: University of California Cooperative Extension (UCCE), Special Supplemental Nutrition Program for Women, Infants, and Children (WIC), and School Districts
- Food Access (Food Banks, Pantries) and Nutrition Education programs
- State and County Agency Program development, policy & training professionals: Department of Education, Department of Public Health, Department of Social Services, Department of Aging
- Nutrition & Food/Public Health Policy Analyst

The expected number of majors in:

1st Year Enrollment:

15

3rd Year Enrollment:

20

5th Year Enrollment:

25

1st Year Graduates:

0

3rd Year Graduates:

13

5th Year Graduates:

17

Existing Support Resources for the Proposed Degree Major Program

List faculty members, with rank, appointment status, highest degree earned, date and field of highest degree, and professional experience (including publications if the proposal is for a graduate degree), who would teach in the proposed program:

Name	Rank	Appointment Status	Highest Degree Earned	Year of Highest Degree Earned (YYYY)	Publications/Professional Experience
Mical Shilts	Professor	Full Time	Doctorate	2003	<p>Mical K. Shilts, PhD, RD, is a Professor, teaching nutrition education and community nutrition courses. Her research interests concentrate on the development and evaluation of community-based obesity prevention interventions applying “guided” goal setting targeting low-income, ethnically-diverse audiences. Additionally, she collaborates on the design and validation of dietary assessment tools for low-literate audiences.</p> <p>Selected Publications:</p> <ol style="list-style-type: none"> Shilts MK, Diaz Rios LK, Lanoue L, Styne DM, Drake CM, Ontai L, Townsend MS. Feasibility of Colocating a Nutrition Education Program into a Medical Clinic Setting to Facilitate Pediatric Obesity Prevention. <i>Journal of Primary Care & Community Health</i>. 2021; 12: 1-13. Townsend MS, Shilts MK, Lanoue L, Drake C, Diaz Rios, LK, Styne DM, Keim NL, Ontai L. Obesity risk assessment tool for low-income Spanish speaking immigrant parents with young children: validity with BMI and biomarkers of obesity. <i>Nutrients</i>. 2020; 12(11), 3582. Townsend MS, Shilts MK, Lanoue L, Drake C, Styne DM, Woodhouse L, Ontai L. Healthy Kids Study among 3-5 year olds: Validation with biomarkers of low-grade chronic inflammation. <i>Childhood Obesity</i>. 2020; 16(S1):S55-63. Shilts MK, Sitnick SL, Ontai L, Townsend MS. Guided goal setting: A feasible obesity prevention behavior change strategy for low-income parents with young children. <i>J Human Sciences & Extension</i>. 2018;6(3):161-179. Shilts MK, Johns MC, Lamp C, Schneider C, Townsend MS. A Picture is Worth a Thousand Words: Customizing My Plate for Low-literate, Low-income Families in 4 Steps. <i>J Nutr Educ Behav</i>. 2015;47(4)394-96.

Wendy Buchan	Professor	Full Time	Doctorate	2000	<p>Dr. Buchan, PhD, RD, is a Professor and Registered Dietitian who studies the effects of dietary carbohydrate on weight regulation, leptin secretion, lipoprotein levels, energy expenditures, and disease risk factors.</p> <p>Selected Publications:</p> <ol style="list-style-type: none"> 1. Almario RU, Buchan WM, Rocke DM, Karakas SE. Glucose-lowering effect of whey protein depends upon clinical characteristics of patients with type 2 diabetes. <i>BMJ Open Diabetes Res Care</i>. 2017 Jul 7;5(1):e000420. 2. Comberford KB, Buchan W, Karakas SE. The Effects of Weight Loss on FABP4 and RBP4 in Obese Women with Metabolic Syndrome. <i>Hormone and Metabolic Research</i>. 2014 Mar, 46 (3): 224-31. 3. Vargas ML, Almario RU, Buchan W, Kim K, Karakas SE. Metabolic and endocrine effects of long-chain versus essential omega-3 polyunsaturated fatty acids in polycystic ovary syndrome. <i>Metabolism: clinical and experimental</i>. 2011; 60(12): 1711-8. 4. Kalgaonkar S, Almario RU, Gurusinghe D, Garamendi EM, Buchan W, Kim K, Karakas SE. Differential effects of walnuts vs almonds on improving metabolic and endocrine parameters in PCOS. <i>Eur J Clin Nutr</i>. 2011; 65: 386-393.
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Seunghee Wie	Professor	Full Time	Doctorate	2000	<p>Seunghee Wie, PhD, is a Professor, Department of Family and Consumer Sciences, specializing in food safety and sanitation, principles of food preparation, and foodservice management. She is a registered instructor for ServSafe® Food Protection Manager Certification Course, recognized by the National Restaurant Association Education Foundation since 2001. She received her M.S. in Hotel, Restaurant, and Institution Management from Iowa State University and her Ph.D. in Foodservice and Hospitality Management from Kansas State University. Her research interests include the food safety regulations for imported foods, knowledge sharing in food protection programs, and food sustainability.</p> <p>Relevant Scholarly Activities</p> <ol style="list-style-type: none"> 1. Wie, S., Choi, Y.S., & Chang, D.S. (2018). Awareness of U.S. Food Safety Modernization Act: What Foreign Exporters Need to Prepare For. Presentation at the 25th Asian Pacific Decision Sciences Institute Conference, July 15-19, 2018, Bangkok, Thailand. 2. Wie, S., Choi, Y.S., Thompson, K., & Chang, D.S. (2018). Effects of the U.S. Food Safety Control System: Historical Perspective. Presentation at the 47th Annual Western Decision Sciences Institution Meeting, April 3-6, 2018, Kauai, HI. 3. Thompson, K., Wie, S., & Choi, Y.S. (2017). Purchasing Practices of Locally Grown Foods in a Hospital Setting: An Empirical Study. Presentation at the Foodservice System Management Education Council Bi-annual Conference. March 12-14, 2017, Las Vegas, NV. 4. Wie, S., Choi, Y.S., & Park, J. (2016). Knowledge sharing in the retail food protection program: perceived importance and actual implementation. <i>International Journal of Knowledge Management in Tourism and Hospitality</i>, 1(1), 5-19.
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Kelly Thompson	Associate Professor	Full Time	Doctorate	2010	<p>Kelly Thompson, PhD, is an Associate Professor, Department of Family and Consumer Sciences, specializing in Food Service Management, Beverage Management and Food Sensory Science. She has conducted sensory research in Florence Italy as well as participating in cultural study tours in Thailand and Korea.</p> <ol style="list-style-type: none">1. Wie, S., Choi, Y.S., Thompson, K., & Chang, D.S. (2018). Effects of the U.S. Food Safety Control System: Historical Perspective. Presentation at the 47th Annual Western Decision Sciences Institution Meeting, April 3-6, 2018, Kauai, HI.2. Thompson, K., Wie, S., & Choi, Y.S. (2017). Purchasing Practices of Locally Grown Foods in a Hospital Setting: An Empirical Study. Presentation at the Foodservice System Management Education Council Bi-annual Conference. March 12-14, 2017, Las Vegas, NV.3. Kelly R. Thompson & Elizabeth Barrett (2016) The Millennial generation's wine purchasing behaviors in casual-dining restaurants, <i>Journal of Foodservice Business Research</i>, 19:5, 525-535.
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Nadine Braunstein	Associate Professor Full Time	Doctorate	2008	<p>Nadine Braunstein, PhD, RD, FAND is an Associate Professor and Director of the externally accredited Dietetic Internship Program. She has been teaching at CSU Sacramento since August 2017. During 2013-14 Braunstein was a Robert Wood Johnson Foundation Health Policy Fellow where she served in the office of a US Senator and supported the 2015 Dietary Guidelines Advisory Committee. From 2015-2018 she served on the Academy of Nutrition and Dietetics' Legislative and Public Policy Committee, including as the committee chair in 2016. Nadine serves as the Policy co-chair of the Northern Area District Dietetic Association and on the Policy Panel for the California Academy of Nutrition and Dietetics. In 2020 she received the Western Area outstanding dietetic educator award from the Nutrition and Dietetic Educators and Preceptors group.</p> <ol style="list-style-type: none"> 1. Brace A, Braunstein N, Finkelstein BN, and Beall, D. Promoting Healthy Food Access in an Urban Food Desert in a Baltimore City Neighborhood. <i>Food Studies: An Interdisciplinary Journal</i>. 2017; 7(4):17-30. 2. Braunstein, N. A Health Professional's Political Science Education – Lessons from a Congressional Fellowship. <i>PS: Political Science and Politics</i>. 2015; 48 (2), 403-406. 3. Coakley, HL, Steeves, EA, Jones-Smith, JC, Hopkins, L, Braunstein, N and Gittelsohn, J: Where Do Low-Income Children Get Food? Combining Ground-Truthing and Technology to Improve Accuracy in Establishing Children's Food Purchasing Behaviors. <i>Journal of Hunger and Environmental Nutrition</i>. 2014; 9 (3): 418-430. 4. Braunstein N, Guerrero M, Liles S, Germann A, Kuppich M, Martin H, Schofield M, Latortue KY: Medical Nutrition Therapy for adults in Health Resources Services Administration (HRSA) funded health centers: a call to action. <i>J Academy of Nutrition and Dietetics</i>. In press.
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Lynn Hanna	Associate Professor	Full Time	Doctorate	1999	<p>Lynn Hann, PhD, is an Associate Professor and Chair of the Family and Consumer Science Department, specializing in maternal nutrition in embryo development, fetal growth, and lactation.</p> <p>1) Hanna, LA. Evaluation of Food Insecurity among College Students. International American Journal of Contemporary Research, Accepted for publication Vol. 4 No. 4 April 30, 2014.</p> <p>2) Hanna, LH, Cutts-Boyland, R, Taylor, V, Solano-Rojas, N. Household frequencies of fruit and vegetable consumption in relation to childhood food literacy education. Seminar presentation at Western regional biennial conference of the California Association of Family & Consumer Sciences, March, 2016</p>
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Urvashi Mulasi	Associate Professor Full Time	Doctorate	2015	<p>Urvashi Mulasi, PhD, RD is an Associate Professor with research interests in malnutrition assessment using approaches such as anthropometry, body composition, and nutrition-focused physical examination. She is also trained in qualitative research methods and has conducted focus groups with Hmong American children and youth, investigating the group's nutritional outcomes from a cultural perspective. She is currently involved in a research project in collaboration with the California Department of Public Health, investigating whole-grain intake among ethnically diverse youth in California.</p> <p>Publications:</p> <ol style="list-style-type: none"> 1. Mulasi U, Buchan W. Nutrition and Metabolism. 1st ed. Dubuque, IA: Kendall Hunt Publishing; 2018. 2. Mulasi U, Vock DM, Jager-Wittenaar H, Teigen L, Kuchnia AJ, Jha G, Fujioka N, Rudrapatna V, Patel MR, Earthman CP. Malnutrition and Quality of Life Among Advanced Head and Neck Cancer Outpatients. Nutrition in Clinical Practice. 3. Mulasi U, Vock DM, Kuchnia AJ, Jha G, Fujioka N, Rudrapatna V, Patel MR, Teigen L, Earthman CP. Malnutrition Identified by the Academy of Nutrition and Dietetics and American Society for Parenteral and Enteral Nutrition Consensus Criteria and Other Bedside Tools is Highly Prevalent in a Sample of Individuals Undergoing Treatment for Head and Neck Cancer. Journal of Parenteral and Enteral Nutrition. 2018; 42(1):139-147. 4. Mulasi U, Smith C. Comparison of Block Kid's Food Frequency Questionnaire with 24-hour Dietary Recall Methodology among Hmong American Children, 9-18 Years of Age. British Journal of Nutrition. 2012; 13:1-7. 5. Mulasi U, Smith C, Franzen-Castle L. Investigating Dietary Acculturation and Intake among US-born and Thailand/Laos-born Hmong-American Children Aged 9-18 Years. Public Health Nutrition. 2011; 15(1):176-185.
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Space and facilities that would be used in support of the proposed program: Show how this space is currently used and what alternate arrangements, if any, will be made for the current occupants.

No new space will be required for the program courses or faculty offices. Courses will be mostly offered in the evenings, where class space in the FACS department is available. Program courses would also be appropriate for the Downtown Campus since many Nutrition and Food State agencies are housed nearby. Lastly, existing NUFD T/TT faculty will be teaching the program courses and currently have adequate office space.

Library resources to support the program, specified by subject areas, volume count, periodical holdings, etc.:

Please see attached letter from the Library Associate Dean, "Library is adequately prepared to support the new degree at a baseline level."

Equipment and other specialized materials currently available:

No specialized equipment or materials are needed.

Additional Support Resources Required

Enrollment and faculty positions should be shown for all discipline categories which will increase because of the new program and for all discipline categories which will decrease because of the new program. If faculty positions are to be transferred into the new program from other areas, the reductions in faculty positions should be shown on the appropriate discipline category or categories:

Enrollment in the proposed MS in NUFD will be 15 in Y1, 20 in Y3, and 25 in Y5. This increased enrollment in the MS program will not decrease enrollment in our related undergraduate programs: BS in NUFD, BS in NUFD with concentration in Dietetics, or Minor in NUFD.

Existing T/TT NUFD Faculty (n=7) teaching in the undergraduate NUFD program will rotate teaching the six NUFD graduate courses that make the core of the program (NUFD 200, 213, 222, 224, 225, 500). When T/TT NUFD faculty are teaching graduate courses, lecturers from the NUFD program's robust and qualified lecturer pool will teach the undergraduate courses that the T/TT faculty would normally be assigned.

Any special characteristics of the additional faculty or staff support positions needed to implement the proposed program:

The only additional faculty support that will be needed is course release for graduate program coordination which will be done by an existing T/TT faculty.

The amount of additional lecture and/or laboratory space required to initiate and sustain the program over the next five years: Indicate any additional special facilities that will be required. If the space is under construction, what is the projected occupancy date? If the space is planned, indicate campus wide priority of the facility, capital outlay program priority, and projected date of occupancy.

No additional lecture or laboratory space will be required beyond what the FACS department currently has available in the evenings and there is no space under construction.

Additional library resources needed: Indicate the commitment of the campus to purchase or borrow through interlibrary loan these additional resources.

Please see attached letter from the Library Associate Dean, "Library is adequately prepared to support the new degree at a baseline level."

Additional equipment or specialized materials that will be 1) needed to implement the program and 2) needed during the first two years after initiation: Indicate source of funds and priority to secure these resource needs.

No additional equipment or specialized materials will be needed to implement the program.

Please attach any additional files not requested above:

Library impact memo Nutrition 4-1-21.pdf

PSYC_ETHN_POLS_PPA_SOC_GERO_WOMS_ANTH_ENVS_PUBH MS_NUFD Consultations_4_27_21.pdf

Reviewer Comments:

Tristan Josephson (tristan.josephson) (Tue, 27 Apr 2021 15:18:38 GMT): Rollback: Please see email.

Tristan Josephson (tristan.josephson) (Mon, 17 May 2021 17:25:30 GMT): Rollback: Please see email for requested clarifications.

Tristan Josephson (tristan.josephson) (Fri, 27 Aug 2021 01:28:52 GMT): Rollback: As requested for edits

Key: 499