

University of North Florida
Research Doctorate in Clinical Nutrition
CIP 51.3102
Proposal Documents

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State University System of Florida Board of Governors
REQUEST TO CHANGE THE LEVEL OF AN EXISTING DEGREE PROGRAM
 (Please do not revise this proposal format without prior approval from Board staff)

University of North Florida
 Institution Submitting Proposal

Spring 2024
 Proposed Implementation Term

Brooks College of Health
 Name of College(s) or School(s)

Nutrition & Dietetics
 Name of Department(s)/Division(s)

Professional Doctorate – Clinical Nutrition
 Current Level & Name of Degree

51.3102
 Current CIP Code (2020 CIP)

Research Doctorate – Clinical Nutrition
 Proposed Level & Name of Degree

51.3102
 Proposed CIP Code (2020 CIP)

The submission of this proposal constitutes a commitment by the university that, if the proposal is approved, the necessary financial resources and the criteria for establishing new programs have been met before the program's initiation.

7/10/23
 Date Approved by the University Board of Trustees

Moez Limayem Digitally signed by Moez Limayem
Date: 2023.06.30 11:44:03 -04'00' **6/30/2023**
 President's Signature Date

Kevin E. Hyde Digitally signed by: Kevin E. Hyde
DN: CN = Kevin E. Hyde email = khyde@foley.com C = AD
Date: 2023.07.07 12:17:40 -04'00' **7/7/2023**

Karen B. Patterson Digitally signed by Karen B. Patterson
Date: 2023.06.29 17:04:13 -04'00' **6/29/2023**

Board of Trustees Chair's Signature Date

Provost's Signature Date

Institutional and State-Level Accountability Need and Demand

A. Describe the workforce need for the proposed program. The response should, at a minimum, include the following:

- **current state workforce data as provided by Florida's Department of Economic Opportunity**
- **current national workforce data as provided by the U.S. Department of Labor's Bureau of Labor Statistics**
- **requests for the proposed program from agencies or industries in the university's service area**
- **any specific needs for research and service that the program would fulfill**

According to Florida's Department of Economic Opportunity, Dietitians and Nutritionists are listed as one of the top occupations in demand in Florida, ranked 38th in demand out of 157 listed. It's projected that careers for Dietitians/Nutritionists in Florida will increase by 9.8% between 2022 and 2030. Additionally, it's projected that job openings for Health Specialties Teachers at the Postsecondary level will grow 25.9% in Florida and 24.1% nationally. This is especially relevant as those careers require doctoral-prepared candidates.

The U.S. Department of Labor's Bureau of Labor, reports that Florida has one of the highest employment levels of Dietitians and Nutritionists with over 4,000. For example, the Miami-Fort-Lauderdale-West Palm Beach is listed as one of the top metropolitan areas for dietitian/nutritionist employment nationwide. There is a growing demand for advanced level practitioners as the increase in complex medical conditions including chronic disease prevention and treatment and other conditions requiring special diets highlight the need for further training at the graduate level. In the current health care environment, there is a rapidly increasing need for dietetics practitioners to expand their scope of practice in multiple areas such as research, program development and outcomes evaluation, food/medication interactions, feeding tube placements and evaluation, laboratory testing, physical assessment to help coordinate care in disease-specific areas, human resource management, and management of clients and patients with multiple complex disease issues. All these roles demand not only advanced knowledge skills, but the ability to conduct research and additional competencies in critical thinking, evaluation, and management.

Beginning January 1, 2024, the educational requirements to become a Registered Dietitian Nutritionist (RDN) will be elevated from baccalaureate to graduate. As such, there is an increased need for RDNs with a terminal degree, such as the UNF Doctorate of Clinical Nutrition (DCN). According to the Commission on Dietetic Registration, there are over 110,800 credentialed Registered Dietitians (RD) and Registered Dietitian Nutritionists (RDNs) nationwide, and approximately 5,000 are within Florida (Commission on Dietetic Registration, *Registry Statistics*.

<https://www.cdrnet.org/registry-statistics?id=5558&actionxm=All>. Accessed June 26, 2023). However, approximately only 3-4% of credentialed RDs and RDNs hold a doctoral degree, according to the 2021 Compensation and Benefits Survey of the Dietetics Profession (*Davis AM et al. The shortage of registered dietitians or nutritionists*

with a terminal degree: a call to action for the profession. JAND 123(4):569-575). As a result of this shortage, the Academy of Nutrition and Dietetics has issued a Call to Action for the Profession to increase the number of RDNs with a terminal degree. (Davis AM et al. *The shortage of registered dietitians or nutritionists with a terminal degree: a call to action for the profession. JAND 123(4):569-575*) Practitioners with a terminal degree are essential to not only prepare future practitioners but also to advance leadership, research, and evidence-based practice within the profession. The UNF DCN helps to answer this call to action to prepare doctoral-level practitioners who will be positioned to readily move to leadership, policy, and other positions that perform outcome measures and establish evidence-based protocols and practices. Graduates with the DCN degree will be employed as clinical managers, community leaders, public health nutrition directors, and faculty in academic institutions conducting research and teaching master’s level courses.

Employment Projections Data Tool provided periodically by Board staff.

Occupational Linkages for the Proposed Program

SOC Code (XX-XXXX)	Occupation Title	Source / Reason for Inclusion
25-1071	Health Specialties Teachers, Postsecondary	Includes positions for dietitians and nutritionists with advanced degrees.
29-1031	Dietitians and Nutritionists	Includes a variety of dietetics-related occupations such as clinical nutrition, foods, nutrition, and wellness studies, etc.
25-1192	Family & Consumer Sciences, Teachers, Postsecondary	Includes occupations, Foods, Nutrition and Wellness Studies, General, Human Nutrition, etc.

Complete the table below and summarize its contents in narrative form. Include data for all linked occupations, including those in the table above. Use data from the Search by CIP or SOC Employment Projections Data Tool provided periodically by Board staff.

Labor Market Demand, CIP Codes 51.3101, 51.3102, 19.0505, 30.1901

Occupations	Percent Change in Job Openings		Annual Average Job Openings		Total # of New Jobs		Education Level Needed for Entry
	FL 2022-30	U.S. 2021-31	FL	U.S. 2021-31	FL 2022-30	U.S. 2021-31	
Dietitians and Nutritionists	9.8%	6.8%	320	5,600	381	5,100	Bachelor’s Degree
Health Specialties	25.9%	24.1%	1,575	28,900	3,003	59,400	Doctoral or

Teachers, Postsecondary							Professional
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The table above provides information on the two primary occupations held by registered dietitians who earn a doctorate in clinical nutrition: Dietitians and Nutritionists and Health Specialties Teachers, Postsecondary. The percent change in job openings for Dietitians and Nutritionists is projected to be 9.8% in Florida and 6.8% in the United States between 2022 and 2030. The annual average job openings in Florida are expected to be around 320, while in the United States, it is projected to be approximately 5,600. The total number of new jobs for this occupation in Florida is estimated to be 381, and in the United States, it is projected to be 5,100.

The percent change in job openings for Health Specialties Teachers, Postsecondary is expected to be higher compared to dietitians and nutritionists. In Florida, it is projected to be 25.9%, while in the United States, it is estimated to be 24.1% between 2021 and 2031. The annual average job openings for this occupation in Florida are projected to be 1,575, while in the United States, it is estimated to be 28,900. The total number of new jobs for this occupation in Florida is expected to be 3,003, and in the United States, it is projected to be 59,400.

Both occupations show positive growth in terms of job openings, with health specialties teachers in the postsecondary field having a higher percentage change and larger number of job openings compared to dietitians and nutritionists. It is worth noting that health specialties teachers require a higher level of education, typically a doctoral or professional degree, while nutritionists typically need a bachelor's degree to enter the field. As highlighted above, beginning January 1, 2024, the educational requirements to become a Registered Dietitian Nutritionist (RDN) will be elevated from baccalaureate to graduate (Master's level). As such, there is an increased need for RDNs with a terminal degree such as the UNF Doctorate of Clinical Nutrition (DCN).

Sources:

Date Retrieved: 06/22/2023

U.S. Bureau of Labor Statistics - <https://data.bls.gov/projections/occupationProj>

Florida Department of Economic Opportunity - <http://www.floridajobs.org/labor-market-information/data-center/statistical-programs/employment-projections>

B. If other public or private institutions in Florida have similar programs at the four- or six-digit CIP Code or in other CIP Codes where 60 percent of the coursework is comparable, identify the institution(s) and geographic location(s). Summarize the outcome(s) of communication with appropriate personnel (e.g., department chairs, program coordinators, deans) at those institutions regarding the potential impact on their enrollment and opportunities for possible collaboration in the areas of instruction and research. Provide a letter of support for the change from Florida International University and the University of Florida.

According to the National Center for Education Statistics data on nutrition and dietetics PhD program graduates in 2019-2020, 228 PhDs were produced in Clinical Nutrition and related fields compared to 144 in 2013 noted in the original program proposal. (National Center for Education Statistics. *Bachelor's master's, and doctor's degrees conferred by postsecondary institutions, by sex of students and field of study: 2019-20*. https://nces.ed.gov/programs/digest/d21/tables/dt21_318.30.asp. Accessed June 26, 2023). This represents an increase of approximately 35%, demonstrating an increased need for doctoral programs in clinical nutrition.

In reviewing the SUS Academic Program Degree Inventory, UF only has a bachelor program in the CIP category of 51, therefore the conversion of UNF's doctorate from professional to a research doctorate will have no effect on UF's program and a letter of support was not sought. FIU has a similar program under CIP code 51.3101 with a couple important distinctions: first, FIU's program is a face-to-face program whereas UNF's DCN program is almost completely long distance, and second, FIU's target population is nutrition students with a Master's degree, whereas the DCN focuses exclusively on registered dietitians with five years of practice experience. A letter of support from FIU has been received and is attached in Appendix B. Besides FIU, there are no other doctoral programs – research or professional – in the four-digit CIP code of 51.31.

Curriculum

Describe the curricular framework for the proposed program, including the following information where applicable:

- **total number of semester credit hours for the degree**
- **number of credit hours for each course**
- **required courses, restricted electives, and unrestricted electives**
- **a sequenced course of study for all majors, concentrations, tracks, or areas of emphasis**

The DCN program includes a total of 54 credit hours that are divided into 33 credit hours of nutrition and research courses, including 6 credits of elective courses, 6 credit hours of residency work, and 15 credits of dissertation work.

Below is the program of study for the DCN including number of credit hours for each course.

Major: Clinical Nutrition
Concentration: Advanced Practice
Degree: Doctor of Clinical Nutrition

Core Requirements (15 credits)

- HUN7803 Adv Topics in Nutrition Science (3 Credits)
- HUN7518 Public Health Nutrition (3 Credits)
- HUN7219 Adv Concepts in Clinical Nutri (3 Credits)
- HUN7525 Adv Leadership & Public Policy (3 Credits)
- SELECT One from the following:**
 - HUN7625 Advanced Nutrition Counseling (3 credits)

- HUN7638 Teaching Nutrition in Higher Education (3 credits)

Research Core Requirements (12 credits)

HUN7830 Research Methods I (3 credits)
HUN7831 Research Methods II (3 Credits)
NGR7843 Stat Interp for Adv Prac (3 Credits)

SELECT Research Choice:

- HUN7832 Survey Design and Validation (3 credits)
- or
- HUN7808 Qualitative Methods in Nutrition Research (3 credits)

Practice Residency (6 credits)

HUN7943 Adv Practice Residency (1-6 Credits)

Dissertation (15 credits)

HUN7981 Pre-Doctoral Dissertation (1-3 Credits)
HUN7985 Doctoral Dissertation (1-9 Credits)
HUN7939 Doctoral Seminar in Nutrition (1-3 Credits)

Major Electives (6 credits)

SELECT 2 Courses

Suggested Electives (Some of these may not be available online)

- DIE6906 Independent Study (3 credits)
- HUN7548 Nutrition for Global Health (3 credits)
- HUN7820 Adv Concepts in Nutrition and Wellness (3 credits)
- HUN7640 Current Trends in Nutrition and Dietetics (3 credits)
- HUN7788 Nutritional Genomics (3 credits)

Below is a course sequence for the DCN.

Fall	Spring	Summer
Year 1 Fall Semester (6 cr)	Year 1 Spring Semester (6 cr)	Year 1 Summer Semester (3 cr)
<ul style="list-style-type: none"> HUN 7803 Advanced Topics in Nutrition Science HUN 7830 Research Methods I 	<ul style="list-style-type: none"> HUN 7518 Advanced Concepts in Public Health Nutrition HUN 7525 Leadership and Public Policy 	<ul style="list-style-type: none"> HUN 7548 Nutrition and Global Health (elective) OR HUN 7788 Nutritional Genomics (elective)
Year 2 Fall Semester (6 cr)	Year 2 Spring Semester (6 cr)	Year 2 Summer Semester (3 cr)
<ul style="list-style-type: none"> HUN 7219 Adv Concepts in Clinical Nutrition NGR 7843 Statistical Interpretation for Advanced Practice 	<ul style="list-style-type: none"> HUN 7638 Teaching Nutrition in Higher Education OR HUN 7625 Advanced Nutrition Counseling HUN 7831 Research Methods II 	<ul style="list-style-type: none"> HUN 7832 Survey Design and Validation OR HUN 7808 Qualitative Research Methods in Nutrition
Year 3 Fall Semester (6 cr)	Year 3 Spring Semester (6 cr)	Year 3 Summer Semester (3 cr)
<ul style="list-style-type: none"> HUN 7640 Current Trends in Dietetics (elective) OR HUN 7820 Advanced Concepts in Nutrition and Wellness (elective) HUN 7943 Advanced Practice Residency (3 cr) 	<ul style="list-style-type: none"> HUN 7981 Pre-Doctoral Dissertation (Qualifying Exam) HUN 7943 Advanced Practice Residency (3 cr) 	<ul style="list-style-type: none"> HUN 7985 Doctoral Dissertation (3 cr)
Year 4 Fall Semester (6 cr)	Year 4 Spring Semester (3 cr)	
<ul style="list-style-type: none"> HUN 7985 Doctoral Dissertation (6 cr) 	<ul style="list-style-type: none"> HUN 7939 Doctoral Seminar in Nutrition 	

Provide a brief description for each course in the proposed curriculum.

- HUN 7219: Advanced Concepts in Clinical Nutrition_3 credits**
Description: The purpose of this course is to evaluate the status of current practice in clinical nutrition. Students examine current issues surrounding evidence-based clinical practice and analyze their implications for patient care.
Availability: One semester per year

- **HUN 7518: Advanced Concepts in Public Health Nutrition_3 credits**
Description: This course is one of the foundation courses for the DCN program. This course examines current issues in public health nutrition and applies them to practice.
- **HUN 7525: Advanced Nutrition Leadership and Public Policy_3 credits**
Description: Students examine their own leadership qualities and evaluate skills needed for leadership roles in nutrition and dietetics. The management and leadership principles presented are examined in the context of current public policy issues.
Availability: One semester per year.
- **HUN 7548: Nutrition for Global Health_3 credits**
Description: The course is focused around global nutrition initiatives, programs, and policies, with the aim of identifying the geographic distribution, epidemiology, sociocultural and economic context, underlying causal mechanisms and pathways, and solutions to the wide range of nutrition problems faced by populations around the world.
- **HUN 7625: Advanced Nutrition Counseling_3 credits**
Description: This course provides an overview, analysis, and application of counseling theories and techniques to complex situations related to nutrition and dietetics within the context of the nutrition care process. Students examine different and emerging approaches to nutrition counseling and develop techniques for varied populations.
Availability: One semester per year.
- **HUN 7638: Teaching Nutrition in Higher Education_3 credits**
Description: The course is focused around teaching nutrition in higher education. We will explore principles of pedagogy, learning theories, how learning works, strategies for designing courses, innovative teaching techniques, and evaluation
- **HUN 7640: Current Trends in Nutrition and Dietetics_3 credits** This course will explore emerging topics in nutrition and dietetics that will likely play an important role in the future of dietetics practice. This course includes topics such as integrative and functional medicine and implications for dietetics practice, social media, sustainability, and bioinformatics.
- **HUN 7788: Nutritional Genomics_3 credits**
Description: This course will explore the relationship between genetic variation and dietary response to nutrients, as well as examine the effects of nutrients and food components on gene expression and genome stability, and how these may affect health outcomes. Students will evaluate recommendations from commercial companies providing direct-to-consumer genetic testing and assess the implications to dietetics practice.
- **HUN 7803: Advanced Topics in Nutrition Science_3 credits**
Description: The purpose of this course is to review and evaluate current and emerging topics in nutrition science. Topics and assignments will vary according to the latest research.
Availability: One semester per year

- HUN 7808: Qualitative Methods in Nutrition Research_3 credits**
Description: In this course, we will explore what it means to utilize qualitative methods in nutrition research. We will do this by: (a) interrogating various readings, (b) interacting with qualitative researchers, (c) practicing qualitative techniques, (d) collecting data (or acquiring existing data), (e) analyzing those data, (f) beginning to write like qualitative researchers, and (g) engaging in rich discussions throughout the semester. This course will provide participants with basic understandings about qualitative research (what it is, and why it is used), its philosophical underpinnings and associated assumptions, and different types of research methods and analytic techniques that fall under the qualitative umbrella.
- HUN 7820: Advanced Concepts in Nutrition and Wellness_3 credits**
Description: The purpose of this course is to review and analyze nutrition research related to prevention and wellness and its application to practice.
Availability: One semester per year
- HUN 7830: Research Methods I_3 credits** This course is designed to assist students in developing a deeper understanding of evidence-based practice (EBP) in dietetics. Knowledge of the fundamentals of research design and EBP in dietetics is critical for RDNs to become better consumers and producers of scholarly literature to contribute toward the advancement of the dietetics profession and improved global health.
- HUN 7831: Research Methods II_3 credits** *Prerequisite:* HUN7830
Description: The course will cover elements involved in the development, preparation, submission and review of grant applications to a variety of funding sources including public institutions and private foundations.
Availability: One semester per year
- HUN 7832: Survey Design and Validation_3 credits** *Prerequisites:* HUN7830 and HUN7831
Description: This course provides the knowledge necessary for students to develop quantitative surveys to collect data on a variety of nutrition-related topics, from the basic concepts of survey design to the implementation, distribution and validation of surveys. Students will learn how to develop and validate surveys using software such as Qualtrics, and IBM® SPSS®.
- HUN 7939: Doctoral Seminar in Nutrition_v. 1-3 credits** *Prerequisite:* HUN 7985
Description: In this course students develop a presentation based on the findings from their doctoral research project and present that information at a professional conference or health care research colloquium.
Repeatability: This course may be repeated up to a maximum of 5 credits.
Availability: One semester per year
- HUN 7943: Advanced Practice Residency_v. 1-6 credits**
Description: The DCN Advanced Practice Residency (1 - 6 Credits) will provide comprehensive, evidence-based didactic and experiential education that develops the students' advanced practice skills in a specific focus area. Students must register for a total of 6 credits during the program.

Repeatability: This course may be repeated up to a maximum of 8 credits.

Availability: Every semester

- **HUN 7981: Pre-Doctoral Dissertation_v. 1-6 credits**

Co-requisite: NGR 7843

Description: This course will provide tools and resources to prepare you to develop your dissertation proposal and successfully defend it. In order to register for this course, students must have completed all course work in the research core.

Repeatability: This course may be repeated up to a maximum of 8 credits.

Availability: Every semester.

- **HUN 7985: Doctoral Dissertation_v. 1-9 credits**

Prerequisite: HUN 7981 and NGR 7843

Description: This course will provide tools and resources to prepare students to write their doctoral dissertation. Students can register for a minimum of 1 credit to a maximum of 9 credits over one to four semesters, depending on the requirements of their research.

Repeatability: This course may be repeated for a total of 11 credits.

Availability: Every semester

- **NGR 7843: Statistical Interpretation for Advanced Practice 3 credits***Prerequisite:*

Previous statistics and graduate research courses

Description: This course includes information related to the use and interpretation of statistical methods commonly used in health care studies. The focus is on the advantages and disadvantages of statistical techniques for specific types of research questions. Emphasis is on inferential methods used to evaluate the strength of evidence claimed to support particular interventions.

Program Quality Indicators - Reviews and Accreditation

A. List all accreditation agencies and learned societies concerned with the proposed program. If the institution intends to seek specialized accreditation for the proposed program, as described in [Board of Governors Regulation 3.006](#), provide a timeline for seeking specialized accreditation. If specialized accreditation will not be sought, please explain.

At present, the field of Nutrition and Dietetics lacks formal accreditation for doctoral programs. Nevertheless, our faculty have been collaborating closely with ACEND, the Accreditation Council for Education in Nutrition and Dietetics (our recognized accrediting agency for undergraduate and Master's programs incorporating supervised practice), in order to develop comprehensive standards for doctoral programs such as the DCN. Upon the establishment of these accreditation standards, our institution will actively pursue accreditation for the proposed doctoral program.

Identify all internal or external academic program reviews and/or accreditation visits for any degree programs related to the proposed program at the institution, including but not limited to programs within the academic unit(s)

associated with the proposed degree program. List all recommendations from the reviews and summarize the institution's progress in implementing those recommendations.

The DCN program has not been through the program review process yet. However, our Master's and dietetic internship program and the Didactic Program in Dietetics (DPD) (undergraduate) have recently been through an accreditation site visit and no major recommendations were noted by reviewers. All minor recommendations provided have already been implemented, such as revising syllabi for language about accreditation standards and creating additional documentation to facilitate tracking of competencies. It should be noted that the Master's and Dietetic Internship program and the DPD program have been granted continued accreditation through December 31, 2029.

Faculty Participation

A. Use Appendix A – Table 2 to identify existing and anticipated full-time faculty who will participate in the proposed program through Year 5, excluding visiting or adjunct faculty. Include the following information for each faculty member or position in Appendix A – Table 2:

- **the faculty code associated with the source of funding for the position**
- **faculty member's name**
- **the highest degree held**
- **academic discipline or specialization**
- **anticipated participation start date in the proposed program**
- **contract status (e.g., tenure, tenure-earning, or multi-year annual [MYA])**
- **contract length in months**
- **percent of annual effort that will support the proposed program (e.g., instruction, advising, supervising)**

The Nutrition and Dietetics department is comprised of a faculty team consisting of 13 members, with varying positions and roles. Among them, two individuals serve as part-time instructors, two are 12-month instructors, two hold tenure-track positions, and nine have obtained tenure. Appendix A – table 2 provides a comprehensive overview of the faculty involved in the DCN program, with a minimum of 8 members identified to be currently or prospectively engaged.

Dr. Jenifer Ross assumes the role of program director, dedicating a substantial portion (at least 60%) of her time to program administration, student advising, and teaching program-specific courses. Additionally, she plays a pivotal role in chairing dissertation committees. Dr. Andrea Arikawa, as the department chair and former director of the DCN program, focuses exclusively on teaching within the DCN program. Furthermore, she actively serves as the chair for various DCN dissertation committees.

The remaining faculty members, as listed, contribute by teaching at least one course per year in the DCN program. Additionally, they actively participate as committee members or chairs for dissertation projects. Notably, Table 2 includes provisions for two new hires, aimed at filling vacant positions within the department. The recruitment process for these positions has already commenced, and the position descriptions

encompass the necessary qualifications associated with teaching in the DCN program and engaging in dissertation committees.

Additionally, provide the curriculum vitae (CV) for each identified faculty member in Appendix E.

B. Provide specific evidence demonstrating that the academic unit(s) associated with the proposed program has been productive in teaching, research, and service. Such evidence may include trends over time for average course load, FTE productivity, student HC in major or service courses, degrees granted, external funding attracted, and other qualitative indicators of excellence (e.g., thesis, dissertation, or research supervision).

Our Department of Nutrition and Dietetics has demonstrated exceptional productivity across all academic domains. Currently, we offer two undergraduate programs/tracks and four graduate programs/concentrations. Notably, three of these programs/concentrations hold accreditation, requiring our faculty's unwavering commitment to upholding the standards outlined by our accreditation agency (ACEND).

Our teaching productivity is evidenced by the fact that 100% of our faculty hold certificates for online instruction, and each faculty member has contributed to the development of online courses that adhere to the rigorous Quality Matters standards for exceptional online course delivery. While the average course load for faculty typically ranges from 0.50 (for tenure-track faculty with program director responsibilities) to 0.95 FTE (for non-tenure track instructors), over the past two years, course loads have increased due to the growing demand for online courses. This has required faculty members to develop online courses in addition to their regular course load, resulting in an average increase of 25 to 50% in course load in some cases.

Furthermore, several faculty members have dedicated substantial time to mentoring doctoral students. With 29 students who have successfully graduated from the DCN program and 50 students currently enrolled, the involvement of two faculty members in nearly every doctoral committee exemplifies the high level of productivity our faculty exhibits in the realm of teaching.

Faculty in the Department of Nutrition and Dietetics far exceed expectations when it comes to service, especially service to the profession. Most DCN faculty are involved in leadership positions in professional organizations. Below is a list of positions in professional organizations held by Faculty in 2022-2023:

Dr. Andrea Arikawa

- Chair-elect of Research Dietetics Practice group (RDPG) of the Academy of Nutrition and Dietetics
- Member of the Survey Review Subcommittee of the Research Council of the Academy of Nutrition and Dietetics

Dr. Jenifer Ross

- President-elect of the Florida Academy of Nutrition and Dietetics
- Program reviewer for the Accreditation Council for Education in Nutrition and Dietetics (ACEND)
- ACEND liaison and website coordinator for the RDPG of the Academy of Nutrition

and Dietetics

Dr. Casey Colin

- President-elect of the North Florida Academy of Nutrition and Dietetics
- Chair of the Mentorship Committee of the RDPG

Dr. Jamisha Leftwich

- Member-at-large of the Florida Academy of Nutrition and Dietetics
- Treasurer of the North Florida Academy of Nutrition and Dietetics

Dr. Corinne Labyak

- Alzheimer's Disease Advisory Committee (Florida governor appointed)
- Co-chair of Goal 3. Florida State Health Improvement Plan Priority 9: Alzheimer's Disease and Related Dementias
- State Advocate for Alzheimer's Association

Dr. Alireza Jahan-miha

- Nominating committee member of the Florida Academy of Nutrition and Dietetics
- Advisory Board member of the MASS Clinic

The Department of Nutrition and Dietetics has demonstrated commendable productivity not only in teaching and service but also in research. In the past two years alone, our faculty members have been highly successful in securing both internal and external grants, with a cumulative funding total of approximately \$688,000. Additionally, they have published a noteworthy 31 peer-reviewed articles, showcasing their scholarly contributions. Please find below a list of grants received by our faculty during this period, followed by a list of publications.

List of Grants Received Over the Past Two Years
<ol style="list-style-type: none">1. Hicks-Roof K, Anderson K, Salpietro L, Hamadi H, Rossi L. UNF Health Innovation Grant. "Harvest for Health: An Interprofessional Approach of a Food Forest on Cost Savings, Mental Health and Sustainability Practices." \$9,9772. Hamadi H, Alexanderson M, Rincon Torroella M, Hicks-Roof K, Xu J, Park S, Spaulding A. UNF Health Innovation Grant. "An Evaluation of social determinants of health (SDOH) in prepared patient plans on home life success: Interprofessional knowledge translation and continuity of care." \$9,9973. Ross J, Hicks-Roof K, Arikawa A. "Self-Perceived Empathetic Teaching Practices and Cultural Competence Among Educators in Healthcare Disciplines. Health Innovation Grant." \$4,9204. Hicks-Roof K. Altman-Traub, M. Academy of Nutrition and Dietetics Diversity and Inclusion Mini-Grant. "Training Educators to Address Diverse Patient Populations". \$1,0005. Hicks-Roof K. UNF Foundation. "Integration of Remote-In of Faculty and Students in the Brooks College of Health Using Telerobots." \$25,6006. Ross J. UNF Dean's Professorship. "Instantly Healthy: A Nutrition Education and Cooking Skills Bootcamp." \$15,0007. Arikawa A. Academy of Nutrition and Dietetics - RDPG Mid/Late Career Faculty Pilot Grant Award. "Relationship between diet, the gut bacteria and plasma trimethyl amine oxide (TMAO) levels in adults." \$10,000.8. White-Williams C, Arikawa A, Labyak C. UNF-US Group Health Innovation Research grant. "Diet quality and cognitive health among older adults." \$10,000

9. Yu Z and Leftwich J. US Group Health Innovation Research grant. "Assessment of diet quality and wight status of children following baby-led vs. traditional spoon feeding – a cohort study." \$13,600.
10. Yu Z. High impact Practices Grant, UNF. "Experience and the impact of telehealth counseling program on dietetic students." \$2,900.
11. Jahan-mihan A, Baron M, Leftwich J. Brooks Professorship, UNF. "The Effect of Maternal Weight Status on Maternal and Infant Microbiota." \$45,000.
12. Wright L. Bayer. "Healing Gardens: A micronutrient intervention program in Ghana." \$75,000.
13. Wright L. Rose Foundation. "Nourish to Flourish: An obesity-prevention program for food insecure youth." \$250,000.
14. Arikawa AY. Mackenzie Foundation. "The effects of fermented vegetables on the gut microbiota and biological markers associated with cardiovascular risk." \$128,449
15. Ross J. UNF Brooks College of Health Faculty Development Grant. "Impact of a food as medicine nutrition counseling diabetes program on community health." \$15,000
16. Colin C. UNF Academic Technology Grant. "Grassroots advancement of the dietetics profession through student access to ANDHII". \$1,100
17. Colin C. UNF Dean's Professorship Grant. "Development of targeted training programs through exploration of barriers and enablers for use of the nutrition care process among a diverse sample of registered dietitian nutritionists." \$17,893
18. Hicks-Roof K. Academy of Nutrition and Dietetics. "Commission on Dietetic Registration Leadership Grant." \$5,000
19. Hicks-Roof K. Academy of Nutrition and Dietetics Diversity and Inclusion Mini-Grant. "Training Educators to Address Diverse Patient Populations". \$1,000
20. Hicks-Roof K. University of North Florida, Tier One Faculty Development Pandemic Funding. "RD Mentorship Program." \$1,504
21. Hicks-Roof K, Osborne R. University of North Florida, Brooks Research Professorship "Virtual Interprofessional (VIP) Consultation Experience: Exploration of Benefits and Barriers for Patients and Providers." \$44,836

List of Articles Published Over the Past Two Years

1. Jahan-mihan A.; Schwarz K; Ninya L.; Kimble T. The Main and Interactive Effects of Fat and Salt Contents of the Diet on Characteristics of Metabolic Syndrome in Male Wistar Rats. (Accepted, Journal of Biosciences and Medicines)
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APPENDIX A – Faculty Participation

APPENDIX A

**Table 2
Anticipated Faculty Participation**

Faculty Code	Faculty Name or "New Hire" Highest Degree Held Academic Discipline or Specialty	Rank	Contract Status	Initial Date for Participation in Program	Mos. Contract Year 1	FTE Year 1	% Effort for Prg. Year 1	PY Year 1	Mos. Contract Year 5	FTE Year 5	% Effort for Prg. Year 5	PY Year 5
A	Jenifer Ross, DCN Clinical Nutrition: Advanced Practice	Asst. Prof.	Tenure Earning	Spring 2024	9	0.75	0.60	0.45	9	0.75	0.60	0.45
A	Andrea Arikawa, Ph.D. Nutrition	Professor	Tenure	Spring 2024	12	1.00	0.25	0.25	12	1.00	0.25	0.25
A	Jamisha Leftwich, DCN Clinical Nutrition	Instructor	Annual	Spring 2024	12	1.00	0.25	0.25	12	1.00	0.25	0.25
B	"New Hire", Ph.D. Nutrition and Dietetics	Asst. Prof.	Tenure Earning	Summer 2025	0	0.00	0.00	0.00	9	0.75	0.25	0.19
B	"New Hire", Ph.D. Nutrition and Dietetics	Assist. Prof	Tenure Earning	Spring 2025	0	0.00	0.00	0.00	9	0.75	0.25	0.19
A	Alireza Jahan-mihan, Ph.D. Nutritional Sciences: Food Science	Assoc. Prof.	Tenure	Summer 2024	9	0.75	0.25	0.19	9	0.75	0.25	0.19
A	Casey Colin, DCN Nutritional Sciences: Food Science	Assist. Prof	Tenure Earning	Spring 2024	9	0.75	0.25	0.19	9	0.75	0.25	0.19
Total Person-Years (PY)								1.33				1.70

Faculty Code	Code Description	Source of Funding	PY Workload by Budget Classification	
			Year 1	Year 5
A	Existing faculty on a regular line	Current Education & General Revenue	1.33	1.33
B	New faculty to be hired on a vacant line	Current Education & General Revenue	0.00	0.38
C	New faculty to be hired on a new line	New Education & General Revenue	0.00	0.00
D	Existing faculty hired on contracts/grants	Contracts/Grants	0.00	0.00
E	New faculty to be hired on contracts/grants	Contracts/Grants	0.00	0.00
F	Existing faculty on endowed lines	Philanthropy & Endowments	0.00	0.00
G	New faculty on endowed lines	Philanthropy & Endowments	0.00	0.00

APPENDIX A
Table 2
Anticipated Faculty Participation

H	Existing or new faculty teaching outside of regular/tenure-track line course load	Enterprise Auxiliary Funds	0.00		0.00
Overall Totals for			1.33		1.70

APPENDIX B – Letter of Support from FIU

July 7, 2023

To: State University System of Florida

Subject: Letter of Support for the Department of Nutrition and Dietetics at the University of North Florida

The Department of Dietetics and Nutrition at the Florida International University has no objection to the requested change from the Department of Nutrition and Dietetics at the University of North Florida to re-classify their Doctorate of Clinical Nutrition (DCN) program from a professional doctorate to a research doctorate. The justification for this change relies on the fact that their students are actively engaged in conducting independent research projects, writing dissertations, and defending their work in front of a committee. This letter of support is requested from FIU, as we are the sole institution in the state of Florida offering a graduate program under CIP code 51.3101.

We consider that this program is not equivalent to a PhD in the field of nutrition and dietetics, so we do not envision that this change will have a potential impact of our program on FIU's enrollment. Based on the types of research done by their students, we could potentially explore possibilities for collaboration in future research projects.

Best regards,



Cristina Palacios, PhD.
Professor and Chair
Department of Dietetics and Nutrition
Robert Stempel College of Public Health & Social Work
Florida International University
11200 S.W. 8th Street, AHC5-306

ROBERT STEMPEL COLLEGE OF PUBLIC HEALTH AND SOCIAL WORK
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APPENDIX E – Letter of Support from UF

UF/IFAS
College of Agricultural and Life Sciences
Office of the Dean

2020 McCarty Hall D
PO Box 110270
Gainesville, FL 32611-0270
352-392-1963 Phone
352-392-8988 Fax

July 17, 2023

To: State University System of Florida

Subject: Letter of Support for the Department of Nutrition and Dietetics at the University of North Florida

The College of Agricultural and Life Sciences at the University of Florida has no objection to the requested change from the Department of Nutrition and Dietetics at the University of North Florida to re-classify their Doctor of Clinical Nutrition (DCN) program from a professional doctorate to a research doctorate. The justification for this change relies on the fact that their students are actively engaging in conducting independent research projects, writing dissertations, and defending their work in front of a committee. This letter of support is requested from UF, as we are the sole institution in the state of Florida offering a graduate program under CIP code 30.1901.

We consider that this program is not equivalent to a PhD in the field of nutritional sciences, so we do not envision that this change will have a potential impact of our program on UF's enrollment. Based on the types of research done by their students, we could potentially explore possibilities for collaboration in future research projects.

Best regards,



Joel H. Brendemuhl, PhD
Professor and Associate Dean
College of Agricultural and Life Sciences
University of Florida

Cc: Dr. R. Elaine Turner, Dean, College of Agricultural and Life Sciences

APPENDIX F – Faculty CVs (Available Upon Request)