

Stempel Research Scholarship 2027 Projects

Name of Project:	Project Investigator Name:	Contact information:	School or Department affiliated with:	Hours per week:	Which semesters:	Project Location:	Topic/Research Area:	Desired qualifications:	Duties/Responsibilities:
Global Vitamin D Deficiency	Cristina Palacios	crpalaci@fiu.edu	Dietetics & Nutrition	10	Spring 2027 & Summer 2027	AHC5-306	Vitamin D	Excel	The student will help update the following study: DOI: 10.1016/j.jsbmb.2013.11.003. This requires searching online for the most recent national nutrition survey for each country and updating the maps on the prevalence of vitamin D deficiency by country and age groups.
Gut Microbiome, Cognition, and Sleep (Tri-Sleep Study)	Sabrina Sales Martinez	sales@fiu.edu , 305-348-0364	Dietetics & Nutrition	15	Spring 2027 & Summer 2027	AHC-5 or remote	Diet, Nutrition and Gut Microbiome in Hispanics/Latinos	1. Nutrition knowledge 2. Strong organizational skills including time management 3. Excellent communication skills 4. Willingness to work in a team 5. Spanish fluency in oral and written communication 6. Attention to detail	Attend biweekly team meetings. Participate in data collection, including assisting participants with the collection of 24-hour recalls. Assist in data organization of 24-hour recalls and follow-up with participants for data completion. Assist with literature reviews on nutrition and gut microbiome topics.
SE Rural Nutrition Health Collaborative: Rural	Janet Diaz-Martinez, Catherine Coccia, Sabrina Sales Martinez	jdimarti@fiu.edu , 305-348-1989 ; ccoccia@fiu.edu , 305-348-0194 ; sales@fiu.edu , 305-348-0364	Dietetics & Nutrition	15	Spring 2027 & Summer 2027	AHC-5 & remote	Rural health, nutrition, food insecurity	1. Nutrition/health knowledge 2. Strong organizational skills including time management 3. Excellent communication skills 4. Willingness to work in a team 5. Spanish fluency in oral and written communication 6. Attention to detail	1. Attend weekly team meetings. 2. Participate in data collection 3. Assist in generating nutrition education materials 4. Willingness to travel to rural areas (once a month)
Sofia: An AI-Powered Nutrition Assistant for Type 2 Diabetes Management in Lower Socioeconomic Populations	Pia Henfridsson	phenfrid@fiu.edu (305) 348-3788 (786) 657-7819	Dietetics & Nutrition	15	Spring 2027 & Summer 2027	MMC, AHC 5 (Most study activities — participant onboarding, intervention delivery, engagement monitoring, and data collection are conducted remotely via secure platforms. Recruitment-related coordination takes place in partnership with the FIU Green Family Foundation NeighborhoodHELP Mobile Health Center.	Digital health and clinical nutrition — artificial intelligence for medical nutrition therapy in type 2 diabetes management, with a focus on access to nutrition care in lower socioeconomic populations.	Graduate student in dietetics and nutrition, public health, or a related health science field. Interest in digital health, chronic disease management, or community-engaged research. Comfort with direct participant contact, including scheduling, phone and video communication, and conducting semi-structured interviews. Strong organizational skills, attention to detail in documentation, and the ability to work independently between supervision meetings. Willingness to complete CITI human subjects research training and to be added to the approved IRB protocol. Prior experience with qualitative methods, survey administration, or REDCap is welcome but not required; training will be provided.	Aim 1: Content Development and Clinical Validation (Early Appointment Period) Assist with expert panel review documentation, track feedback on nutrition content and safety, organize clinical validation materials, summarize reviewer agreement, complete CITI human subjects training, and join the approved IRB protocol (IRB-26-0266) in preparation for Aim 2. Aim 2: Feasibility, Usability, and Acceptability Evaluation Support participant recruitment, screening, enrollment, and consent procedures in coordination with NeighborhoodHELP. Conduct onboarding, administer study questionnaires, monitor participant engagement, provide basic technical support, and coordinate incentives. Conduct post-study interviews, assist with transcription and qualitative analysis, maintain study documentation and datasets, and contribute to conference abstracts or manuscript preparation as feasible.

Tri-Sleep Study: Sleep, Cognition, and the Gut Microbiome	Shanna Burke	sburke@fiu.edu ; 305-348-7462	Social Work	15	Spring 2026 & Summer 2026	AHC5 and AHC4; possibly home visits in community if they have a car	Modifiable risks for Alzheimer's disease	* A willingness to be an active and engaged team member * A growth mindset * An interest in this topic/research area * Attention to detail * Collegial	* Supports team members with research activities related to the project, such as screening participants and conducting home visits (if they have a car) to collect data in the community * Working with medical records * Reviewing literature and potentially co-authoring manuscripts and conference abstracts with the study team * Participate in weekly project meetings
Genomics of Brain Cancer	Nan Hu	nhu@fiu.edu	Public Health: Biostatistics	10	Spring 2027 & Summer 2027	FIU AHC 5	genomics, cancer, biology, epidemiology, biostatistics, AI	data management, data analysis, AI/ML methods	literature search, data management, data analysis
A Remotely Delivered Tai Chi/Qigong Intervention for Older People Living with HIV: A randomized clinical trial	Gladys Ibanez	gibanez@fiu.edu ; (305) 348-4920	Public Health: Epidemiology	10-15	Spring 2027 & Summer 2027	AHC-5, Room 485	HIV, older adults, behavioral interventions, clinical trials	dependable, reliable, have time availability; good team player, good interpersonal skills; good verbal communication skills; knowledge of redcap is desired but not required	The student will be helping with recruiting research participants by completing screener forms with participants; they will also be trained to conduct individual research interviews with participants. Lastly, student will be expected to also attend weekly meetings.
Digital health intervention for Black couples: A pilot trial	Jason W. Mitchell, PhD, MPH	jamitche@fiu.edu , 8082196729	Public Health: Health Promotion & Disease Prevention	10-15	Spring 2027 & Summer 2027	Online	HIV/STI prevention-care, sexual health, digital health interventions (eg, mHealth)	Highly organized, dependable, willingness to learn, and interested in obtaining practical research experience while working with a team	1. Help pilot test surveys and intervention materials, acting as a mock couple 2. Assist with development of protocol that will be used as a standard operating manual for the pilot trial (ie, how to do things, with whom, and when/where) 3. Obtain CITI certifications (if needed) 4. Help with enrollment procedures, such as scheduling and meeting with couples via Zoom 5. Assist with tracking couples progress once they are enrolled into the trial 6. Other duties based on student's interest (eg, manuscripts, abstracts, posters, etc)
Acceptability of a couples-based, digital HIV/STI prevention-care intervention for couples in the US	Jason W. Mitchell, PhD, MPH	jamitche@fiu.edu , 8082196729	Public Health: Health Promotion & Disease Prevention	10-15	Spring 2027 & Summer 2027	FIU / online	Digital health interventions, HIV/STI prevention-care, sexual health	Some experience with qualitative data analysis would be ideal, but not required. Strong organizational skills, dependability, and being curious about what the data may show.	1. Participate in team meetings (TBD when) 2. Organize de-identified data for qualitative analysis 3. Assist with analyzing qualitative data to identify themes 4. Help write to disseminate qualitative findings in manuscript(s) and conference abstract(s) as a co-author
An Integrated Multi Modal Framework to Quantify Life Course Dementia Risk and Preventable Burden in U.S. Populations	Natalia Trujillo Orrego (MPI)- Fahad Saeed (MPI)	nattruji@fiu.edu	Public Health: Global Health	15	Spring 2027 & Summer 2027	Hybrid- no Field w	Preclinical assesment on dementia/ risk factor for dementia/ populational health / AI modeling for risk factors	Previous experience in quantitative risk factor analysis or dementia, ageing, or AI modelling for population health.	Review literature; support the interpretation of the data; participate in the preparation of reports; participate in biweekly team meetings, supporting dissemination activities