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SUMMARY

Dedicated, innovative professor with twenty years of experience including ten years of online instruction. Student centered teaching with focus on course development that has measurable outcomes that align with best teaching practices. Teaching emphasis on deep learning instead of simple memorization by using methods that promote analysis, application and understanding. Prepares health science students for personal and professional success through proven teaching methods and motivation.

PROFESSIONAL EXPERIENCE

University of Florida, Instructional Assistant Professor

January 2024 – Current

-Currently teaching Introduction to Health Professions (HSC 2000) in-person and Public Health Concepts (PHC4101).

University of Florida, Adjunct Professor

January 2023 – December 2023

-Taught Introduction to Health Professions (HSC 2000) in-person during the Spring 2023 semester. Received excellent scores on the course evaluations (4.8). These ratings demonstrate proficiency in undergraduate teaching and earned a recognition letter from the Dean.

-Currently teaching Fundamentals of Public Health Nutrition (PHC 6521) for Fall 2023 to online graduate students working on their MPH degree.

Santa Fe College, Associate Professor

August 2013 – August 2023

-Redesigned nutrition course. The objectives at the time had not been revised for over a decade and did not align with the best teaching practices. The main goal was to increase the level of student learning and help students master deep level understanding skills rather than just simple memorization skills. After collaborating with program directors from the health sciences programs at Santa Fe College, that include HUN1201 as an integral part of their professional preparation, it was decided that a medical perspective to nutrition would most benefit the students taking this class. The new course objectives were divided into 2 sub-groups: memorization objectives and understanding objectives. The new objectives reflect the intention of having students focus on understanding and applying concepts and not just memorizing facts.

-Implemented best teaching practices regarding student assessment. One of my goals was to ensure assessment tools aligned with course objectives so that success could be quantified. Questions on exams were linked to objectives with the purpose of tracking the concepts that students were not mastering. With the data gathered from the departmental final exam over the course of 3 years (2015-2018) changes were made in 2019. The improvement observed over the following 3 years (2019-2022) was better than anticipated, student performance in the departmental final exam increased by 12.3%.

-Realigned assignments. The original assignments didn't have a clear purpose and failed to align with class objectives. I redesigned these assignments so that competencies were met upon completion of the assignment, added clear instructions with student-centered language and a time completion statement, identified resources required, and developed a robust rubric that conveys instructor expectations and criteria for scoring.

-Adopted the use of OERs instead of a traditional textbook. In 2016 I implemented the use of OERs in my course to eliminate the requirement of purchasing a textbook. This resulted in an average of \$60-\$140 of savings per student and was well received by students.

-Created the first online Nutrition course at Santa Fe College. I began teaching HUN1201 during the Fall 2013 semester. The online course was designed to ensure equivalency with the in-person HUN1201 course to certify that students reach the same learning outcomes no matter what format of the class they choose to take. The online class content was also made accessible, making sure that all documents can be read by accessibility software including closed captioning of all videos.

-Created a nutrition Master Course. Created a master course that adjunct faculty can use to ensure the same level of instruction is given to all students that take the nutrition course. This was done for both the in-person and online class.

-Taught 5-6 classes each semester (30-33 students/class). Each semester I was responsible for teaching a combination of nutrition and microbiology classes in both modalities (in-person and online).

-Taught at SFC satellite campuses (Starke, Keystone, Downtown). Students at the satellite campuses are usually non-traditional students who require more attention to reach the standards set by the department than students that attend the main campus. I was able to adapt and help these students reach the same level of competency as their peers without decreasing the quality of instruction or level of difficulty of the assessments.

Santa Fe College, Adjunct Professor

January 2003 – August 2013

-Re-designed the Microbiology Laboratory experience. The lab portion of Introduction to Microbiology was re-designed in 2013 with the collaboration of Dr. Monika Oli from the Department of Microbiology and Cell Science at the University of Florida. I took the initiative to re-design the microbiology laboratory experience, it had become obsolete because of the many technological advances in the last two decades. The outcome was the creation of a modern and relevant laboratory manual tailored to the specific needs of our students. Some of the improvements include: the addition of 17 new lab protocols, a complete re-focus of the laboratory learning experience and the creation of a lab manual available for the students free of charge.

-Increased the use of technology in the laboratory. I implemented an Electronic Laboratory Notebook (ELN), that allowed students to record their results on electronic devices in the lab (tablets, smart phones, and laptops) to record information instead of the traditional paper laboratory notebooks. This allowed students to take pictures and videos of the results of the various experiments.

-Taught 3-4 classes each semester (30-33 students/class). Each semester I was responsible for teaching a combination of nutrition and microbiology classes in both modalities (in-person and online).

EDUCATION

University of Florida

Master of Science in Food Microbiology, specialization Food Safety

May 2002

Thesis: *The Effects of ozone on the microbial quality of "ready to eat" cantaloupe.*

University of Florida

Bachelor of Science in Microbiology and Cell Science

May 2000

COURSES TAUGHT

HUN1201, Human Nutrition

This is a basic nutrition course designed to acquaint the student with each of the major nutrients, nutrient requirements, methods used for planning nutritionally adequate diets, guidelines for making informed food choices, and nutrition needs throughout the life cycle. Current nutrition

issues/controversies are also discussed with the intent of helping students become more astute at identifying nutrition facts and fallacies. This course is suggested for nursing and dental hygiene majors.

MCB 2000, Microbiology

This is a microbiology course intended for science, engineering, biotechnology, and pre-professional majors. It includes the study of bacterial genetics, metabolism, industrial applications of microbiology, properties of selected organisms and their diseases, and an introduction to molecular biological techniques as they relate to microbiology. The course earns General Education credit under the Biological Sciences category for which successful students will demonstrate the skills necessary to understand and apply scientific concepts and reasoning, including the analysis and interpretation of various types of data.

MCB 2010, Introduction to Microbiology

This course introduces microbiology with emphasis on the role of bacteria, viruses, and fungus in human health and disease. It includes principles of microbial biology and classifications; microbial pathogenesis and epidemiology; infection control, immunology, and antibiotic drugs; and a survey of infectious diseases.

MCB 2000L/2010L, Microbiology/Introduction to Microbiology Laboratory

A laboratory experience in which students learn the various techniques necessary for the isolation and characterization of bacteria. Students are expected to work independently with attention to detail. Safety equipment is required.

HSC 2000, Introduction to Health Professions

This course provides an overview of the U.S. healthcare system and the health workforce. Specifically, this course will examine issues affecting healthcare delivery including social determinants of health, healthcare reform, and healthcare insurance. This course will also explore the roles and educational requirements of physicians, dentists, nurses, occupational therapists, and other allied health professionals. The course emphasis is to establish a solid foundation of professional characteristics, behaviors, values, skills, and knowledge for students to build upon in their healthcare careers.

PHC 6521, Fundamentals of Public Health Nutrition

This course will introduce Public Health Nutrition and the role of the Public Health practitioner and nutrition. Emphasis will be on definition, identification, and prevention of nutrition-related diseases, as well as improving health of a population by improving nutrition. Malnutrition will be discussed on a societal, economic, and environmental level. It will include the basics of nutritional biochemistry as it relates to malnutrition of a community and targeted intervention. Finally, it will review existing programs and policies, including strengths, weaknesses and areas for modification or new interventions.

CERTIFICATIONS

ACUE Certificate in Effective College Instruction

August 2020 – August 2021

The ACUE (Association of College and University Educators) Certificate in Effective College Teaching is a one-year asynchronous course designed to help faculty gain comprehensive knowledge and skills across all the core teaching competencies as defined in ACUE's effective practice framework. Faculty who satisfy the course requirements earn certificates in effective college instruction, awarded in collaboration with the American Council on Education. These credentials distinguish faculty and

institutions for their commitment to educational excellence. In all ACUE's cohort-based programs, faculty learn about—and are required to implement and reflect upon—a comprehensive body of evidence-based teaching practices shown to improve student engagement, persistence, course completion, and learning. To earn the Effective College Instruction Certification, faculty must complete four courses: Creating an Inclusive and Supportive Learning Environment, Promoting Active Learning, Inspiring Inquiry and Preparing Lifelong Learners, and Designing Learner-Centered and Equitable Courses.

Certificate for Online Design and Instruction (CODI) January 2018 – May 2018

The Certificate for Online Design and Instruction (CODI) is a flexible, semester-long online training program designed to prepare instructors for the rigor of online teaching. Participants are enrolled in a facilitated online Canvas course and gain insights into online teaching through videos, readings, and online interactions with teaching peers. The program is based on Chickering and Gamson's Seven Principles for Good Practice in Undergraduate Education.

SERVICE TO THE COLLEGE

College Disciplinary Committee for Student Misconduct August 2013 – August 2023

-Served as a member for formal hearings of student misconduct.

Part-Time Instructor Mentor for HUN1201 August 2013 – August 2023

-Met with adjunct faculty members to get feedback on course content.
 -Provided them with a course structure to allow uniformity of teaching.

Food Service Advisory Committee August 2021 – August 2023

-Served as a representative for the Sciences for Health Programs Department.

College Senate August 2016 – May 2020

-Served as a representative for the Sciences for Health Programs Department.

College Title III Taskforce August 2013 – August 2023

-Served as a member of the teaching and learning subcommittee.

Hiring Committees August 2014 – December 2022

-Lab Manager Sciences for Health Programs
 -Assistant Professor Nuclear Medicine
 -Assistant Professor Respiratory Care Program
 -Department Chair Sciences for Health Programs
 -Assistant Professor Anatomy and Physiology
 -Assistant Professor Chemistry
 -Lab Manager Dental Hygiene Program
 -Assistant Professor Accounting

Presenter for the Civic Engagement Service Office Lecture Series March 2017, 2018, 2019

-Requested by Sarah Blanc.
 -Presented a lecture about sex trafficking in Alachua County.

Presenter for the 2016 Latino in America Lecture Series March 2016

-Requested by Dr. Vilma Fuentes.

-Presented a lecture about sex trafficking in Alachua County.

Fitness and Health Presentation

October 2014

-Requested by Chanda Stebbins as part of an effort to increase the performance and health of the SFC college women's basketball team.

Financial Aid Handout Development: Healthy Nutrition on a Budget

April 2014

-Created a handout for the SFC financial aid office of a weekly plan for a nutritious diet for students on a budget.

-Involved students in the process of acquiring data for this project.

-The handout was distributed throughout the main and satellite campuses.

South Sudan "Hope Project" Presentation

March 2014

-Requested by Dr. Vilma Fuentes as part of an international series aimed at increasing the internalization of curricula at the college.

-Presented about experience in South Sudan during 2013 trip.

SERVICE TO THE COMMUNITY

Founder/President. North Central Florida Human Trafficking Task Force

-Established as the Alachua County Coalition Against Human Trafficking in January 2014. The mission is to build a safety network of partnerships that work together to identify, rescue, and restore victims of all forms of human trafficking within Alachua County.

-Founding member and president from 2018 to 2021, during my leadership the coalition continued to grow and with the help of the State Attorney's Office we were asked to not only serve Alachua County but all the counties in the 8th Judicial Circuit of Florida. In 2019, we were able to add to the Board of Directors' individuals from the other counties in our district, including the participation of local law enforcement. In January 2020, the coalition became the North Central Florida Human Trafficking Task Force (HT8) to serve Alachua, Baker, Bradford, Gilchrist, Levy and Union counties.

Founder/President. FIGHT, Fight Injustice and Global Human Trafficking Inc.

-Established in 2010, FIGHT Inc. is a non-profit organization that has the mission to confront injustice, fight for the rights of the enslaved and deliver them from the grasp of those who would enslave them. The organization seeks to empower people to take a stand and stop modern day slavery by raising awareness, creating opportunities for people to get involved, addressing the impact that the pornography industry has on sexual slavery and supporting other organizations that are fighting sex trafficking and other forms of human trafficking.

-Founding member and president from 2010-2017, during my leadership the organization fostered partnerships with other organizations fighting human trafficking (including UF student organizations). The organization also created a city-wide awareness campaign called Justice Week fostering the involvement of the community at large including various student groups from the University of Florida and Santa Fe College, local non-profits, government organizations, and local churches.

Invited Presentations

-University of Florida Alpha Epsilon Delta Meeting (Spring 2023) | Speaker

-Santa Fe College HSASA Meeting (Spring 2019) | Speaker

-3rd Annual Human Trafficking Symposium at UF (Spring 2019) | Panelist

- Department of Corrections Training (Spring 2018) | Speaker
- 2nd Annual Human Trafficking Symposium at UF (Spring 2018) | Speaker/Panelist
- 1st Annual Human Trafficking Symposium at the University of Florida (Spring 2017) | Panelist
- UF ROTC Southern District Conference (Fall 2017) | Speaker
- 15th Annual Fall Conference for International Educators (Fall 2015) | Speaker
- Palatka Department of Health | Speaker
- Trinity United Methodist Church Human Trafficking Lecture Series (Spring 2013) | Speaker
- University of Florida 21 for 21: Spotlight on Human Trafficking (Spring 2012) | Speaker
- The Institute Symposium, Santa Fe College International Series (Fall 2011) | Speaker

Human trafficking prevention training course development

- Created in collaboration with the Community Engagement department in the University of Florida Office of Professional and Workforce Development.
- The course is currently approved for one hour of continuing education (CE) on human trafficking by these boards, Dentistry, Occupational Therapy, Nursing Home Administrators, and the College of Medicine at UF.
- All the proceeds from the registration fees for the course are donated to the North Central Florida Human Trafficking Task Force.

INTERNATIONAL SERVICE

Arequipa, PERU

December 2016

- Helped established a Peruvian led non-profit "FIGHT-PERU" with the aim to combat human trafficking in southern Peru.

Beijing, CHINA

May 2014

- Lecture series on GMO's, Organic Foods, and Food Safety at Beijing Union University.
- Part of a faculty exchange program with Santa Fe College.

Bor, SOUTH SUDAN

December 2013

- Team leader on the South Sudan Hope Project, a project aimed at helping train community health care workers in South Sudan. Partnered with a local South Sudanese non-profit to accomplish goals.
- Involved Santa Fe College students from various programs of study including graphic design program, dental hygiene program, nursing program, model UN, and Student Government.

Phnom Penh, CAMBODIA

May 2013

- Lead a team to help start a program aimed at the rescue and rehabilitation of teenagers trafficked in the sex industry in Cambodia.
- Partnered with an Indian based non-profit that works in South-East Asia to rescue children and teenagers being exploited in the sex industry.