



# ETEAL Funded Initiatives

Summer I and II 2016

Project Type	Team Members	Department(s)	Project Summary
Research & Engagement in Coastal Issues	Susanne Brander Alison Taylor Bonnie Monteleone	Biology & Marine Biology Chemistry & Biochemistry	According to the National Oceanic and Atmospheric Administration (NOAA), one of the most widespread current pollution problems in global oceans and waterways is that of marine plastic debris. In this project, Chemistry & Biology students will collaborate to investigate this plastic debris in partnership with the non-profit Plastic Ocean Project
	Jim Herstine Jennifer Biddle	Exercise Science Public & International Affairs	Students enrolled in the class will travel over 1,000 miles to a variety of locally important destinations, including state parks, state and national coastal reserve locations, national wildlife refuges, national seashores and privately owned conservation areas. They will learn about the complicated nature of science and policy in today's political climate. One of the main takeaways for student is learning how different organizations manage similar coastal resources in response to cultural and economic differences.
Research & Discovery	Joe Covi Diane Melroy	Biology & Marine Biology	Our greatest role models in the sciences share one key element of character that pedagogical structure in introductory biology courses rarely fosters in our students, namely creativity during independent investigation. In the project presented here, we use memorized content as a familiar, and therefore emotionally safe, vehicle for activities structured to help the students rediscover and develop a creative approach to the investigation of complex topics.
	Beverley McGuire	Philosophy & Religion	In this project, "Understanding Asian Religions through Experiential Learning", students in the course "Asian Religions" (PAR 232), will gain immersive exposure to a variety of South, East, and Central Asian religious traditions including Taoism, Shinto, Hinduism, Jainism, and many others.
International Experiences	Laura Spivey Cara Sidman	Exercise Science	During Summer II, we will be embarking on a study abroad trip to Ikaria, Greece. On the trip, students will be studying the lifestyle habits of the Ikarrians-who are part of a "Blue Zone" and frequently live to be centenarians. Using FitBits, students will monitor their activity levels in the U.S. and compare them to their activity levels in Ikaria, Greece.



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Research & Discovery	Lisa Buchanan	EEMLS	Using a three phase design, this project provides an in-course experience for students enrolled in my sections of EDN 344: Children’s Literature whereby students will learn how to select literature to develop thematic text sets, evaluate children’s literature using a rubric they designed, and then collaborate with peers to 4 thematic text sets aimed at teaching difficult topics in K-5.
	Bonnie Monteleone Carolina Priester Jeff Hill	Chemistry & Biochemistry Biology & Marine Biology Environmental Studies	The collaborative team is a first of its kind developing undergraduate applied learning in the field working with members from Chemistry, Biology, Environmental Studies, and the non-profit Plastic Ocean Project. Students will have the opportunity to develop a research project based on Monteleone’s educational tool, Eight Problems with Plastics in the Marine Environment. The program also involves Plastic Ocean Project, Inc. a local nonprofit financially committed to this research."
	Lance Cummings	English	In ENG 314 Digital Composition, students explore how the relationship between writing and technology impacts composition, specifically examining different “modes of meaning” like visual rhetoric, video, sound, and design. This project will ask students to design a promotional video for the Bellamy Mansion, a local house museum in downtown Wilmington.
	Bill Sackley Darwin Dennison	Economics and Finance	This applied learning project will provide students in the FIN 440 Portfolio Design and Management course applied learning activities to improve their critical thinking. This course will provide opportunity for students to understand the best practices of equity analysis, become involved with experienced professionals in portfolio management, learn their responsibility in ethical promotion and management, and provide leadership in finance.
	Carolina Priester Ray Danner	Biology & Marine Biology	Use of 3-D imaging would provide students a modern tool for studying anatomy and working with the images in this software provides an experience that will aid in career and resume development. This software will give students in Comparative Vertebrate Anatomy (BIO 315) and Human Anatomy and Physiology (BIO 240 and BIO 241 with labs) courses the skills needed to work and think in three dimensions while studying anatomical structures.
	Tracy Chen Yishi Wang Jennifer Kontny	Mathematics & Statistics  English	Like many universities, University of North Carolina Wilmington courses are evaluated by students with IDEA evaluation system since 2013. The IDEA evaluation system contains two major parts, including quantitative questions with numerical ratings and qualitative questions with short subjective questions. Students will be working to develop a system to mathematically code and organize qualitative IDEA data to help quickly organize large numbers of open-ended, qualitative responses.



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Internships and Professional Experiences	Inmaculada Ibanez-Casas and Tony Puente	Psychology	The so called Internship crisis or the insufficiency of qualifying rigorous internship programs for clinical psychologists in the country, has been a major concern within APA and psychology community at large in the past years. This teaching project is aimed at developing a structured and rigorous clinical training program for Graduate students with the aim of turning it into an internship program within the newly developing Ph.D. program in the Department of Psychology.
	Pascale Barthe	World Languages and Cultures	The Cross-Cultural Encounters project will enable students enrolled in FRH 411 (Mediterranean France) in fall 2016 to develop individual research projects under the supervision of two scholars at different stages of their careers—an established professor and a young French native assistant from a French University.
International Experiences	Tony Puente, Zara Melikyan, and Yishi Wang	Psychology	Structured applied learning experience for graduate students will consist of collaborative work on recruitment and testing of participants, data input and analysis, and presentation of results. Also, students will have the opportunity to supervise other peers such as graduating senior members. Most of these activities will be done in collaboration with faculty and students from Lomonosov Moscow State University (MSU), Moscow, Russia.
	Paul Castagno	Theatre	Students in the new online section of Theatre History II, THR 322 will travel to the Playmaker's Repertory LORT Theatre in Chapel Hill to view a production of Arthur Miller's The Crucible and to meet with the theatre's production team to discuss how history defines both the look and sensibility of the production. This is an optimum choice to achieve the goal of relating an historical period to contemporary performance.
Applied Learning Online	Tony Atkins	English	Students in Two sections of ENG 204 (Online): Introduction to Professional Writing will work directly with CAMS (Community Association Management Services) located in Wilmington to review and evaluate websites related to CAMS' Communities. This will include evaluating not only the design of the site, but the SEO (Search Engine Optimization) that is used for the site.
	Marsha Carr	Educational Leadership	This proposal provides an entrepreneurship course accessible online and suited for graduate (masters or doctoral) students at Watson College of Education and Cameron School of Business or most colleges that promote building strong business/start-ups experience. The course will be added to the elective listing through Watson College for non-business majors that want an Entrepreneurship and Innovation minor.



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Community Engagement and Service Learning	Dan Masters Ben David	Public & International Affairs	The course "Crime in the Cape Fear" PLS/CRM 250 focuses on the process of criminal prosecution, and the experiences related to prosecution, and alternative measures for addressing crime. Students visit various sites, speak to people about different measures, and even participate in various events like "Take Back the Night" as requirements in the course.
	Jacquelyn Lee Kristen DeVall Candace Thompson	School of Social Work Sociology & Criminology ITSFE	This project will improve and expand the impact of the current poverty simulation by improving the facilitation of the simulation experience itself, and integration of the simulation into three specific courses across three different departments (i.e., education, sociology and criminology, and social work) with an increased focus on inter-professionalism, intentionality, and critical reflection.
	Lenis Chen-Edinboro	Public Health Studies	For the proposed project, students from a Public Health Practice course will conduct Needs Assessment interviews with residents of the town of Navassa in North Carolina. These interviews will serve as an initial, applied way for students to learn about potential health issues experienced by those residents as a result of the residents living near a Superfund site.
	Narcisa Pricope Jill Waity	Geography & Geology Sociology & Criminology	The MAPSS project is a collaboration between Geography & Geology and Sociology & Criminology designed to give students first-hand experience mapping community assets and resources with GIS technology. These maps can then be used to give local nonprofits a better understanding of where and how to deploy their services and resources.
	Danijela Zezelj-Gualdi	Music	The purpose of the UNCW Community Music Academy Student Teacher Program is to give qualified UNCW music students the opportunity to gain experience in the field of private music instruction. Student teachers will have the privilege of earning income, teaching on campus, and working with members of the community. The outreach field trips will consist of students performing on their instruments and speaking about the instruments, music history, their so far professional experience and future career plans.