

# Applied Learning Strategic Initiatives

Pilot Project beginning Fall 2018



Project Title	Team Members	Department	Division/College
Impacting Teaching and Learning in Today's STEM Classrooms	Bill Sterrett	Educational Leadership	WCE
	Ginger Rhodes	Mathematics and Statistics	CAS
	Dennis Kubasko	ITFSE	WCE
	Angie Reid-Griffin	ITFSE	WCE
	Steven Hooker	Educational Leadership	WCE
	Kerry Robinson	Educational Leadership	WCE
	Andy Ryder	Educational Leadership	WCE

## Project Summary:

This project will bring together applied learning experiences in two completely different programs: the graduate-level Masters of School Administration (MSA) program in the Educational Leadership (EL) department which prepares principals, and the undergraduate teacher-preparation program in mathematics and science secondary education (grades 9-12) in the Instructional Technology, Foundations, and Secondary Education (ITFSE) department by linking together teaching, leadership, and applied learning. Currently students in the two programs do not work together – nor do the faculty – in any instructional or clinical setting. Research and current educator preparation standards and evaluation processes encourage the practice of principals and teachers working together to improve student learning. We must foster this work in principals and teachers before they assume the practitioner roles! Thus, a collaborative synergy for Teaching and Learning Leadership (TALL) will positively impact both Watson students and faculty in these programs. This Applied Learning initiative will bring together the principal-preparation and the teacher-preparation programs by providing the mechanism for MSA students to utilize observation protocols in the secondary STEM fields and provide feedback in a two-way dialogue that improves communication and collaboration between the K-12 principal preparation (MSA) program and the teacher-preparation program. Moreover, this intra-professional learning community will be evaluated by a faculty member and students in a fall and spring evaluation course in an ongoing, reflective manner that integrates further applied learning opportunities for students and faculty.



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The Portable Nutrition Lab: A Space for Innovative Healthful Living Pedagogy	Amelia Huelskamp	SHAHS	CHHS
	Jordan Weber	SHAHS	CHHS
	Sue Combs	SHAHS	CHHS

### Project Summary:

As the Physical Education and Health (PEH) program takes steps to strengthen our teacher candidates' abilities to plan and implement more effective, standards-based health education in diverse settings, resources are needed to model best teaching practices, and to provide our future educators with opportunities to develop their pedagogy. Local K-12 Students typically have infrequent access to health education, resulting in limited quality and availability of health education field placements. Therefore, the most sustainable and utilitarian solution is to integrate applied learning experiences into both new and existing coursework with the help of a portable set of tools that can turn any indoor or outdoor space into an instant health education teaching lab. The Portable Nutrition Lab (PNL) can be used on the UNCW campus to strengthen existing programming, such as the "I Can Do It" program, which provides adapted physical education to individuals with intellectual and developmental disabilities. We can also transport the PNL to local schools, parks, community gardens, senior centers, recreation centers, or any other location where PEH majors can provide nutrition and fitness education to the community. The PNL provides PEH majors with the tools to plan and deliver innovative nutrition and fitness lessons that align with North Carolina's Healthful Living Essential Standards. Because the PNL can travel to site visits, it also gives the program extended reach to improve health outcomes for populations with limited access to health education.

