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Athletic Training Program at Texas
Tech University Health Sciences
Center in Lubbock

CONTEXT AND SETTING

- GRADUATE PROGRAM IN ATHLETIC TRAINING, REHABILITATION SCIENCES, HEALTH PROFESSIONS
- INTERPROFESSIONAL INTEGRATION MODEL
- FOCUS ON DEVELOPING CLINICIANS AS EDUCATORS



RELEVANT DETERMINANTS

- FORMATION AND RESILIENCE OF KNOWLEDGE, SKILLS, AND ABILITIES (INDIVIDUAL)
- ROLE OF BELIEFS IN THE FORMATION OR DEVELOPMENT OF PRACTICES (INDIVIDUAL & ORGANIZATIONAL)
- IMPACT OF PROGRAM CULTURE ON ACCOUNTABILITY AND OUTCOMES (ORGANIZATIONAL)
- FACTORS SPECIFIC TO THE PROFESSION OF ATHLETIC TRAINING (THIRD-PARTY REIMBURSEMENT, JOB MARKET, ETC.) (SYSTEM)





Kim Dunleavy,
PT, Ph.D., OCS,
FNAP

Physical Therapy education at the
University of Florida



University of Florida DPT Community Engagement Service Learning



Interprofessional Home Visits



Community Walking Program



Low Income Housing Chair Exercise Classes



Senior Center Balance & Falls Activities



Adaptive Gymnastics

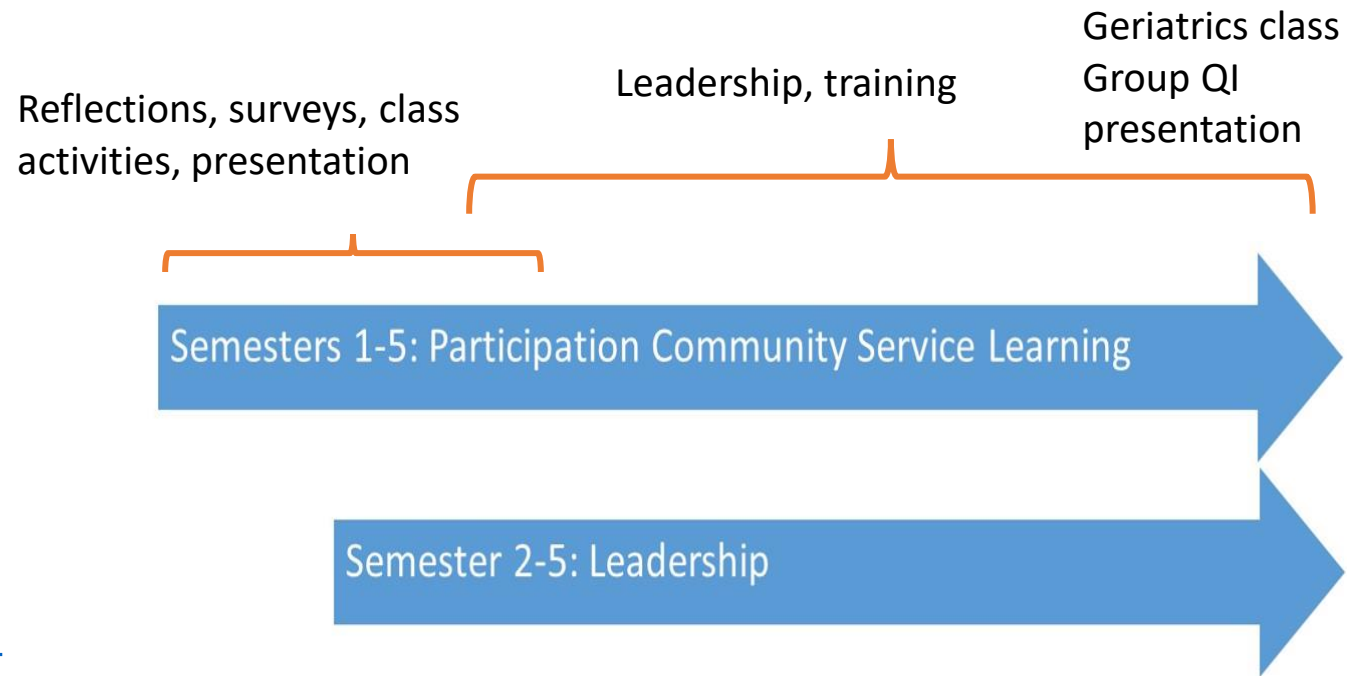


Pro Bono Clinic

Determinants

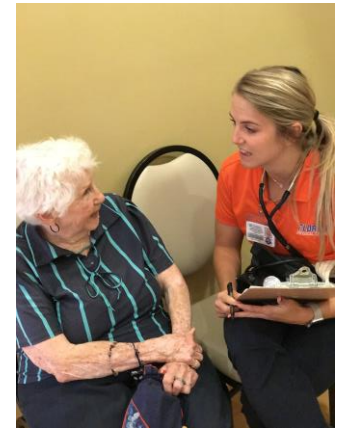
- Established service-learning semesters 1-5 prior to Geriatric course, variable exposure older adults, focus on movement
- Requirements integrated into Health Promotion classes, examples across the lifespan
 - Communication
 - ICF/biopsychosocial model
 - Population health
 - Health promotion & prevention
- Reflections (DEAL model), surveys, group presentations

[DEAL Model for Critical Reflection.pdf \(msstate.edu\)](https://www.msstate.edu/~msstater/DEAL%20Model%20for%20Critical%20Reflection.pdf)



Proposed strategies – attitudes towards aging

- Evaluate current exposure
 - # students working with older adults (IPE, service learning), exposure
 - Individual student characteristics +/- attitudes
- Faculty communication – debriefing
- Explicit objectives, module ageism, activities Semester 2
- Additional service-learning requirements with older adults for individuals with less exposure
- Ageism instrument,¹ adjust reflection questions, evaluate reflections using AAA Framework²



Curricular placement



Faculty supervision



Communication & logistics– community, students, faculty



Course Activity Requirements



Training/preparation



Evaluation/reflection

1. [Ayalon et al. 2019 A systematic review of ageism scales.](#)

2. [Heurer, Douglas. 2019, Service learning with older adults](#)



Hannah Wilson, PhD, RDN, LRD

Department of Nutrition,
Dietetics, and Exercise Science at
Concordia College in Moorhead,
MN

Nutrition and Dietetics



**Meals on Wheels
Volunteers Needed**



Concordia College, Moorhead, MN

Nutrition and Dietetics

Barriers to service learning with older adults

- ✗ Shortage of RDs in older adult settings to serve as preceptors
- ✗ Limited number of sites
 - ✗ “Competition” among other universities/programs for same sites
- ✗ Cost of testing and paperwork for short practicum not feasible for university/site/student
- ✗ Scheduling (of course!)

Facilitators of service learning with older adults

- ✓ University-wide requirement for PEAKs (Pivotal Experience in Applied Knowledge)
- ✓ Graduate-level requirement for 1200+ supervised practice hours

Ewan Williams, PhD, PT

Department of Health Sciences
and Research at the Medical
University of South Carolina



Exercise Physiology/Physical Therapy



**STROKE
RECOVERY
RESEARCH CENTER**

A Center of Biomedical Research
Excellence (COBRE) in Stroke Recovery at the
Medical University of South Carolina

Medical University of South Carolina
Charleston, SC



University of Georgia
Athens, GA

Exercise Physiology/Physical Therapy

Barriers to service learning with older adults

- ✗ Focus on other populations (e.g., athletes)
- ✗ Broad career intentions among undergraduate students
- ✗ Limited number of external sites
 - ✗ ↑ liability with exercise/PA classes)

Facilitators of service learning with older adults

- ✓ Practicum/supervised practice requirements at undergraduate and graduate levels
- ✓ Aging research/practice opportunities for students
 - ✓ Center for Physical Activity and Health
- ✓ Clinical experiences often provide natural exposure to older adults