Undergraduate Public Health Education at Butler University
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Background
Undergraduate Education in Public Health

- Butler University is a comprehensive, residential, coeducational liberal arts-based institution.
- Encompasses five colleges: Liberal Arts and Sciences, Pharmacy and Health Sciences, Education, Business Administration, and Fine and Performing Arts.
- Approximately 3,900 Butler undergraduates.
- 36 credit hour core curriculum for all undergraduates.
- Not affiliated with a public health program.

Background:
Association for Prevention Teaching and Research (APTR) initiative developed to respond to the IOM recommendation.
- APTR through a cooperative agreement with the CDC took the lead to develop resources and support the integration of undergraduate public health education (UGPHE) into the liberal arts curriculum.
- Primary goal of UGPHE is to produce an educated citizen.
Background:
Undergraduate Education in Public Health

The Educated Citizen and Public Health: A Consensus Report on Public Health and Undergraduate Education; October 2007
- Outlines rationale and learning objectives for Public Health and Epidemiology 101
- Identifies collaborative efforts with:
  - Arts and Sciences
  - Health Science Schools
  - Nursing Schools
- Illustrates program models for schools with or without public health schools or programs

APTR partnered with Association of American Colleges & Universities (AAC&U) as part of a faculty development program.
- Two main resource initiatives:
  - Curriculum Development Resources
  - Meetings and workshops for faculty development

Curriculum Resources:
Undergraduate Education in Public Health

- Curriculum Guide for Undergraduate Public Health Education (version 2.0)
- This curriculum guide was designed to assist faculty who are developing undergraduate courses in public health as well as administrators and curriculum committees who are designing undergraduate public health curricula.
  
  http://www.atpm.org/prof_dev/undergradhealth.html
Curriculum Resources:
Undergraduate Education in Public Health

Curriculum Guide (continued)

- Undergraduate Public Health Education Core Courses:
  - Public Health 101
  - Epidemiology 101
  - Global Health 101
- Outlines “Enduring Understandings”
- Provides Curriculum Framework for core courses and basic and advanced learning outcomes.

Experiential/Service Learning in Health

Innovative Teaching Methods

Minors and Other “Coherent Curriculum”

Student Assessment

Administrative Issues

Faculty Development:
Undergraduate Education in Public Health

- Workshops and Meetings:
  - Undergraduate Curriculum Development Institute
    - To develop coherent undergraduate curricula in public health (in the form of majors, minors or certificate programs), including core courses, electives and experiential learning opportunities.
  - Undergraduate Public Health Day
  - Undergraduate Public Health and Liberal Education Faculty Development Workshop
    - Concentrated two-day faculty workshop to focus on enhancing their ability to teach Public Health 101, Epidemiology 101, and Global Health 101.
Implementing 
*Undergraduate Education in Public Health*

- Faculty team from Butler attended APTR & AACU faculty development workshop
- Identified Public Health 101 as course to be offered to Butler undergraduate students as part of core curriculum in Spring 2009.
- Team taught course from College of Pharmacy and Health Sciences (COPHS) faculty with invited lectures from other colleges.

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**Why Public Health 101?**
*Undergraduate Education in Public Health*

- **CAPE Outcomes**
  - Consistent with current COPHS initiatives in public health.
  - Butler University College of Pharmacy and Health Sciences existing resources
    - Pharmacy courses and faculty teaching areas related to public health
    - Epidemiology, population health, health systems and delivery, health promotion and disease prevention
  - Indianapolis community resources

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**Why Public Health 101?**
*Undergraduate Education in Public Health*

- PH 101 as core curriculum course benefits pre-pharmacy and other majors.
- Excellent introductory course for pharmacy curriculum.
- Consider offering Public Health professional elective within pharmacy curriculum.
- COPHS development of community based outreach programs.
Designing Public Health 101 Framework

- Overview and Basic Principles
- Population Health Tools
- Morbidity and Mortality: Determinants, Burdens and Interventions
- Health-Care and Public Health Systems
- Special Public Health Education Focus Areas

Designing Public Health 101

- Prevention Education Resource Center (PERC) Website:
  - Sample course syllabi available
  - Case studies
- Curriculum Guide for Undergraduate Public Health Education (version 2.0)

Summary

- Resources available for course/curriculum development.
- Existing resources within college/university or community to develop coursework.
- Undergraduate Public Health Education is consistent with CAPE outcomes.