Addressing the Social Determinants Of Health in Interprofessional Education

Teri Browne, PhD, MSW
Betsy Blake, PharmD, BCPS
Cheryl Addy, PhD
Beverly Baliko, PhD, RN
Aidyn Iachini, PhD, MSW
Christopher Goodman, MD

Social Determinants of Health are critically important

“Health starts where we live, learn, work and play.”

Robert Wood Johnson Foundation, 2010
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Where Poor and Uninsured Americans Live

The all-Republican-dominated states that are not participating in a vast expansion of Medicaid are home to a disproportionate share of the nation’s poorest uninsured citizens. Eight million Americans will be stranded, without insurance, stuck between people with slightly higher incomes who will qualify for federal subsidies on the new health exchanges that went live this week, and those who are poor enough to qualify for Medicaid in its current form.

Rapidly Changing Focus on Integrated Care

People with mental disorders:
25% of the adult population

68% of adults with mental disorders have medical conditions

29% of adults with medical conditions have mental disorders

People with medical conditions:
58% of the adults population

Adapted from the National Comorbidity Survey replication, 2001-2003

30-DAY READMISSION RATES TO U.S. HOSPITALS

Nearly 1 in five patients with these common procedures were readmitted:
- 23% renal transplant
- 19% heart valve procedures
- 19% stent placement of a coronary artery

Nearly 1 in four patients with these common diagnoses were readmitted:
- 25% congestive heart failure
- 22% subarachnoid hemorrhage
- 22% acute and unspecified renal failure

Nearly 1 in three patients with these less frequent diagnoses were readmitted:
- 32% sepsis
- 32% gangrene

Medicaid and Medicare patients have a higher percentage of readmissions than other payer types.

*Readmissions rates are for all causes and do not necessarily indicate the same procedure or diagnosis as the original admission (30-day cut-off)
How can we prepare our interprofessional students to attend to social determinants of health?

• Involve social work and public health faculty and students in IPE
• Include content about social determinants of health in IPE training

Involve social work and public health faculty and students in IPE
IPE at U of SC

- Committee started 2011
  - Supported by Provost and President
  - All health sciences (including social work and public health) involved from the beginning
- Curriculum, service, research

Student Involvement

- Social work and public health students involved as learners as well as leaders
  - On faculty IPE committee
  - Facilitate IPE class
  - Created interprofessional student organization
    - Community service
Sara Goldsby, MSW/MPH student

• IHI Open School Chapter
• Community engagement / service learning

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IPE Courses- Bev Baliko, College of Nursing

- Transforming Healthcare for the Future
  - >1100 students completed course
  - >500 enrolled each Spring semester

- 8 health professions included
  - Faculty collaboration to improve content and facilitate

Course Overview

- Students assigned to teams of ~5-6 students from different health professions
  - Assigned to larger group of ~30 students
    (6 teams per group)

- Online and in-person curriculum delivery

- Course is subdivided into modules with required reading and video material.
  - Roles and Responsibilities of Health Professionals
  - Social Determinants of Health and Health Disparities
  - Negotiating Across Cultures; Values and Ethics
  - Healthcare System and Calls for Improvement
  - Root Cause Analysis and Patient Safety
IPE Courses- Aidyn Iachini, College of Social Work

- Addressing Childhood Obesity through Community Approaches
  - Public Health, Social Work, Pharmacy
  - Pre-Med, Pre-Nursing, Political Science

Course Overview

- Students assigned to interprofessional teams

- Classroom/service learning experience
  - Roles and Responsibilities of Health Professionals
  - Classroom management
  - Health professions roles & responsibilities
  - Physical Activity, Nutrition
  - Working with families & communities
  - Cultural competence
  - Policies that influence nutrition
What is next?
Chris Goodman, School of Medicine

- Importance of social determinants of health in medical practice
- Free Clinic
- Interprofessional training in health settings
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Questions?

Teri Browne, PhD, MSW
browne@sc.edu