Programmatic Strengths

Aging Adults

• Home
• Assisted living
• Nursing homes
• Acute care
• Transitions between settings

Health Behaviors

• Promote health and function
• Prevent illness
• Manage disease
Gerontology: Long-term Care

- Health services research to improve systems of care
- Information technology strategies
- Health care error prevention
- Demonstration projects
  - Statewide nursing home quality improvement MO funded for decades
  - Substantial resident outcome improvements
  - Model for other states
Gerontology: Preventing Avoidable Hospitalizations

- Centers for Medicare and Medicaid Services
  - $15,000,000 grant (completed)
  - $20,000,000 grant (ongoing)
  - TBD
Gerontology: Aging in Place

• Tiger Place (no MU funds for facilities)
• Elders receive care matched to needs

• Designed and built for high tech research
• Ideal setting for nursing - engineering projects
Health Behavior:
Chronic Disease Self-management

- HIV medication adherence
- Diabetes self-management
- Cancer survivor symptom care
- Chronic wound management
- Irritable bowel syndrome self-care
- Hearing impairment self-management
Health Behavior:
Health Promotion

- Breast feeding
- Human-animal bond
- Avoiding intimate partner violence
- Maintaining physical function with aging and/or disease
Future Opportunities

Gerontology

Escalating health care $$

Focus:
• Maintaining function
• Avoiding higher levels of care
• Enhancing quality of life

Health Behavior

• Limited benefit from new technologies and drugs if they are not used
• Health care for chronic disease is predominantly individual/family self-care
Research Process: Collaborations

• Nursing PI projects with 5 MU colleges & schools
  College of Engineering
  College of Human Environmental Sciences
  College of Veterinary Medicine
  School of Medicine
  School of Health Professions

• Several universities across the nation

• Multiple international collaborations
Research Process: SSON

- Faculty shortage
- Limited post-doctoral preparation
- Beginning faculty with limited experience
- SSON structures intense mentoring and research support for junior faculty
- Only 1 SSON faculty came to MU having received NIH funding
Productivity Metrics

- 32 different government and private organization are sources of grant funds
- SSON has 1 of 5 Mizzou T32 training grants
- SSON has 1 of the 10 Mizzou members of the National Academies of Science
- 10 current and 8 emeriti faculty fellows in the American Academy of Nursing
Grant dollars per faculty member: $Z = 3.3$
Percentage of faculty with an award: $Z = 1.6$
Citations per faculty member: $Z = 1.2$
Articles per faculty member: $Z = 1.0$
Scholarly research index: $Z = 1.0$

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