

## Introduction

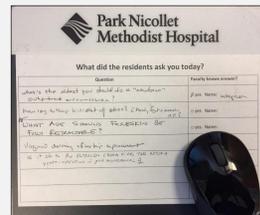
This workgroup started in 2011 with the goal of increasing scholarly activity. The result has been a significant increase in practice-based research and other scholarly activity. We report on the lessons learned from this experience.

## Setting

- Community-based, University-affiliated program
- 18 Residents
- Most graduates enter community practice
- Minimal research tradition in 2011
- Research not required

## Workgroup Plan

- Develop scholarly activity projects for residents/faculty
- Promote and mentor projects
- Study and overcome barriers to resident scholarly activity
- Utilize expertise of part-time research scientist
- Monthly Meetings to review current projects and develop new projects



## Selected Residency Projects

All completed projects were presented at local/regional research meetings

### Development of a Tool Kit for the Long Term Care Facility

- Two resident investigators + two faculty mentors
- Surveyed clinicians & assembled toolkit
- Slow progress because of conflicting clinical responsibilities
- many meetings over time
- faculty involvement and encouragement was critical

### Observation of Tool Kit use among Geriatric Nurse Practitioners

- Two resident investigators + two faculty mentors
- Planned & funded, unable to be carried out by residents
- Now a faculty project

### Addressing Tobacco Use in Clinic

- One resident investigator + two faculty mentors
- Extensive work but project not workable in clinic setting

### Pilot Study of an Educational Intervention for Tobacco Cessation

- Two resident investigators + health-care home RN + two faculty mentors
- “Awesome” (resident description of presentation experience)



### Screening and Intervention for Food Insecurity

- Two resident investigators + two faculty mentors
- Used a 2-item validated screening tool
- Screening indicated 23% of patients screened were positive for Food Insecurity
- Team tested three screening protocols
- Currently working on an intervention study



### Resident and Pharmacy Student Collaboration at Hospital Discharge: A Pilot Study

- Two resident investigators + PharmD resident+ two faculty mentors
- Implemented pharmacy consults on Inpatient Service
- Reviewed pharmacist recommendations & clinician notes
- Good pilot study & extensive research experience for residents

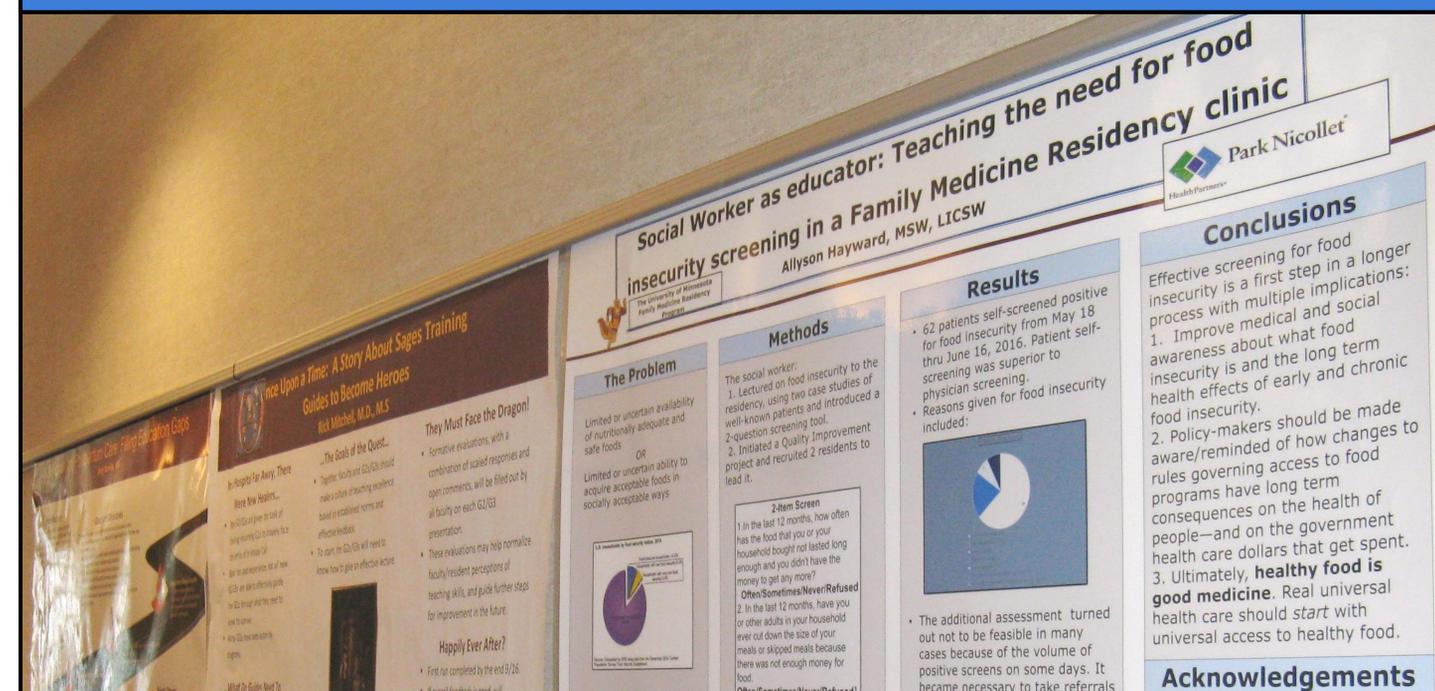
## Evolving Workgroup Strategies

- Increased emphasis on informal dialogue with faculty/residents about scholarly activity
- Maintain a list of presentation opportunities, and remind residents about presentation opportunities
- Preceptors record day-by-day resident questions to create new research issues.
- Scholarly Activity opportunities introduced in information sessions for prospective residents & in orientation sessions for new residents
- Residency alumni presented research experiences to residents
- Workgroup reports regularly to faculty meetings

## Lessons from Workgroup Experience

- Developing a meaningful research question is the key to attracting residents to research activity
- Developing a study that is workable in the residency setting is essential
- Residents need to be empowered to be responsible for their project
- Informal dialogue with faculty/residents about scholarly activity is a valuable work group activity
- Faculty-Resident perseverance over time is a critical strategy to ensure project completion
- Faculty availability for close involvement in resident led projects is essential
- Promotion of resident presentations is a valuable workgroup activity

## Poster Display at Residency



## Resident/Faculty Research/QI Projects 2011-2017

- 7 completed; Presented at research meetings
- 2 not completed-not workable in residency setting
- 5 currently in progress
- Faculty carried out initial development of each project