

## Curriculum Overview—Family Medicine Residency

### Practice-Based Learning and Improvement Core Competency

#### Component: USF-MPM Resident Scholar Program

1. ACGME goals applicable to scholarly activity
  - a. All residents must actively participate in scientific inquiry, either through direct participation in research, or undertaking scholarly projects that make use of scientific methods.
  - b. Residents are expected to be able to systematically analyze practice using quality improvement methods, and implement changes with the goal of practice improvement.
2. Scholarly activity categories and learning objectives
  - a. **Discovery-Building new knowledge**
    - Present a report of original research
      - Transform an idea into a research question
      - Choose an appropriate study design
      - Determine instrumentation to use
      - Prepare for data collection and management
      - Assist with data analysis
      - Write and submit abstract
  - b. **Integration-Synthesize current knowledge**
    - Present a case study and literature review of a clinical problem at a state, regional, or national level
      - Identify a rare case and unique characteristics
      - Review literature identify specific teaching components
      - Submit abstract for presentation
      - Write case report manuscript for publication
  - c. **Application-Use knowledge for improvement**
    - Present the design and results of a clinical quality improvement project conducted in the residency practice in a residency conference
      - Baseline measurement
      - Implementation of process change/intervention
      - Post-intervention assessment of patient-oriented outcomes
      - Write and submit abstract
  - d. **Teaching-Develop, implement, and evaluate educational resources**
    - Prepare an enduring curriculum for use in a residency program:
      - Conduct needs assessment
      - Prepare objectives, activities, and evaluation
      - Conduct and summarize results of a pilot implementation
      - Present to residency faculty for incorporation into ongoing curriculum
      - Write and submit application to STFM Annual Spring Conference for workshop presentation

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### 3. Format

#### a. General requirements

- IRB approval if applicable
- Results will be presented during the Annual Resident Scholar Day at the Turley Family Health Center
- Abstract submitted for presentation at the STFM Annual Spring Conference or FAFP Spring Forum (alternatively, a manuscript may be submitted for publication in a peer-reviewed journal)
- Projects must be complete for promotion (see timeline attached)

#### b. Participants

- Mandatory for PGY-2 and PGY-3 residents
- Work individually or in teams (strongly suggest same year)
  - Maximum is **2 residents for integration and teaching** categories
  - Maximum is **3 residents for discovery and application** categories
- Individuals/teams will work with a faculty mentor
- Faculty mentor meetings are recommended twice monthly

#### c. Project selection

- July - Teams identified
- August - Sign-up available
  - Rank preferred project category 1-4
- September - Final project assignment
  - Only 1 project may be assigned in the teaching category due to limited opportunities for curriculum revision
  - If more than 1 team selects this category, a lottery system will be used for final assignment

### 4. Incentives

- If abstract is accepted, the presentation will be funded (registration and travel) for 1 team member at a state, regional, or national meeting
- Annual Resident Scholar Day – Best Project Award: \$500.00 per resident

### 5. Measurable outcomes

- Quality improvement or research project presentations during the Annual Resident Scholar Day
- Abstracts submitted/accepted for poster presentation
- Published abstracts
- Manuscripts submitted/accepted publication in peer-reviewed journals

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Project Timeline for original research and quality improvement activities

	<b>PGY-2</b>				<b>PGY-3</b>			
Element	Jul - Sept	Oct - Dec	Jan - Mar	Apr – Jun	Jul - Sep	Oct - Dec	Jan - May	Jun
Project proposal form								
Literature search								
Protocol submission to IRB								
Protocol implementation and completion								
Data analysis								
Abstract or manuscript submission								
Resident Scholar Day presentation								

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### Scholarly Activity Ranking

	<b>Discovery-Building new knowledge</b> Present a report of original research -Transform an idea into a research question -Choose an appropriate study design -Determine instrumentation to use -Prepare for data collection and management -Assist with data analysis -Write and submit abstract	<b>Integration-Synthesize current knowledge</b> Present a case study and literature review of a clinical problem at a state, regional, or national level -Identify a rare case and unique characteristics -Review literature identify specific teaching components -Submit abstract for presentation -Write case report manuscript for publication	<b>Application-Use knowledge for improvement</b> Present the design and results of a clinical quality improvement project conducted in the residency practice in a residency conference -Baseline measurement -Implementation of process change/intervention -Post-intervention assessment of patient-oriented outcomes -Write and submit abstract	<b>Teaching-Develop, implement, and evaluate educational resources</b> Prepare an enduring curriculum for residency program: -Conduct needs assessment -Prepare objectives, activities, and evaluation -Conduct and summarize results of a pilot implementation -Present to residency faculty for incorporation into curriculum -Write and submit application to STFM Spring Conference
<b>Team Members</b>	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
<b>Team Members</b>	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
<b>Team Members</b>	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
<b>Team Members</b>	1 2 3 4	1 2 3 4	1 2 3 4	1 2 3 4
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