



The Rural Osteopathic Medical Education Program:

Training Students for life and practice in rural and underserved communities

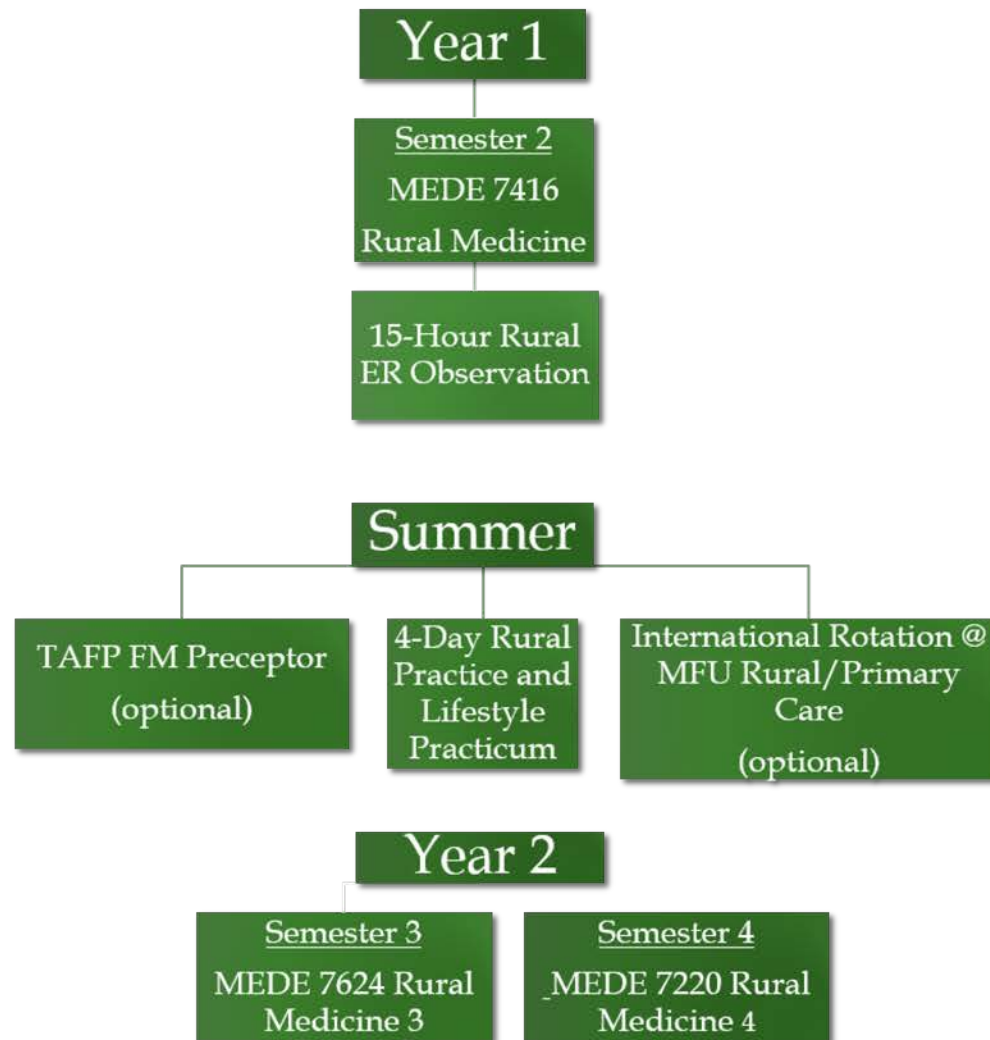
John Gibson, MD

Stacy Abraham, MPH

Rural Osteopathic Medical Education (ROME) Program

- Mission: To create solutions for healthier rural communities
- Our Goals
 - To provide a foundation for life and practice in a rural community
 - To prepare the graduate for acceptance into premier medical education programs
 - To prepare osteopathic graduate for practice in a changing rural environment in the 21st century
- Additional curriculum given to prepare students in rural locations with a preceptor based model
- Recent changes in Admission Process- Class of 2021

ROME Rural Scholars Program: Curriculum Overview



Year 1 & 2

- Skills development
 - patient communication
 - physical exam
 - procedural skills
 - well woman exam
- Trained patients for reinforcement of communication and exam skills



Ultrasound training

- SONOSIM: required web-based US training
 - utilizes probe that simulates hands on US
- Students required to do 4 to 5 modules per semester with testing and Mastery quiz
- Ultrasound workshops: done in SIM lab 3 to 4 times per semester



MERCY CLINIC: Early Clinical Experiences

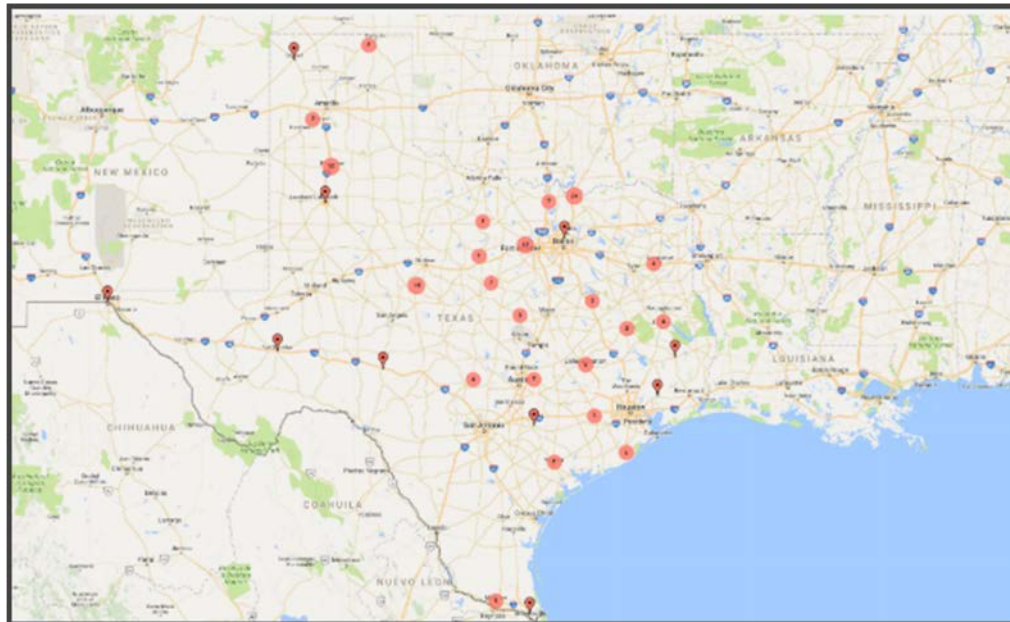
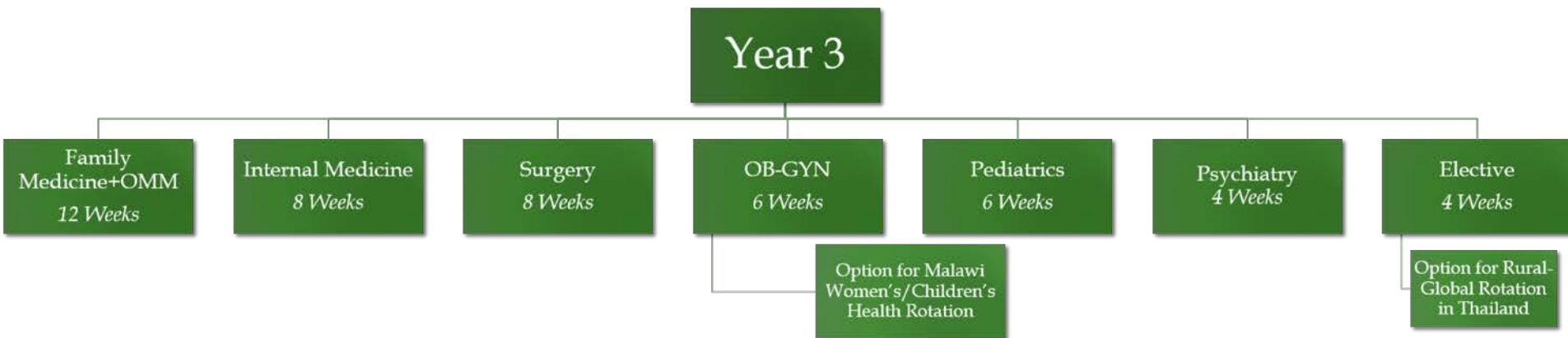


Faith-based free clinic
Located about 5 miles from
UNTHSC. Open Tues/Thurs Evenings
5 to 8pm

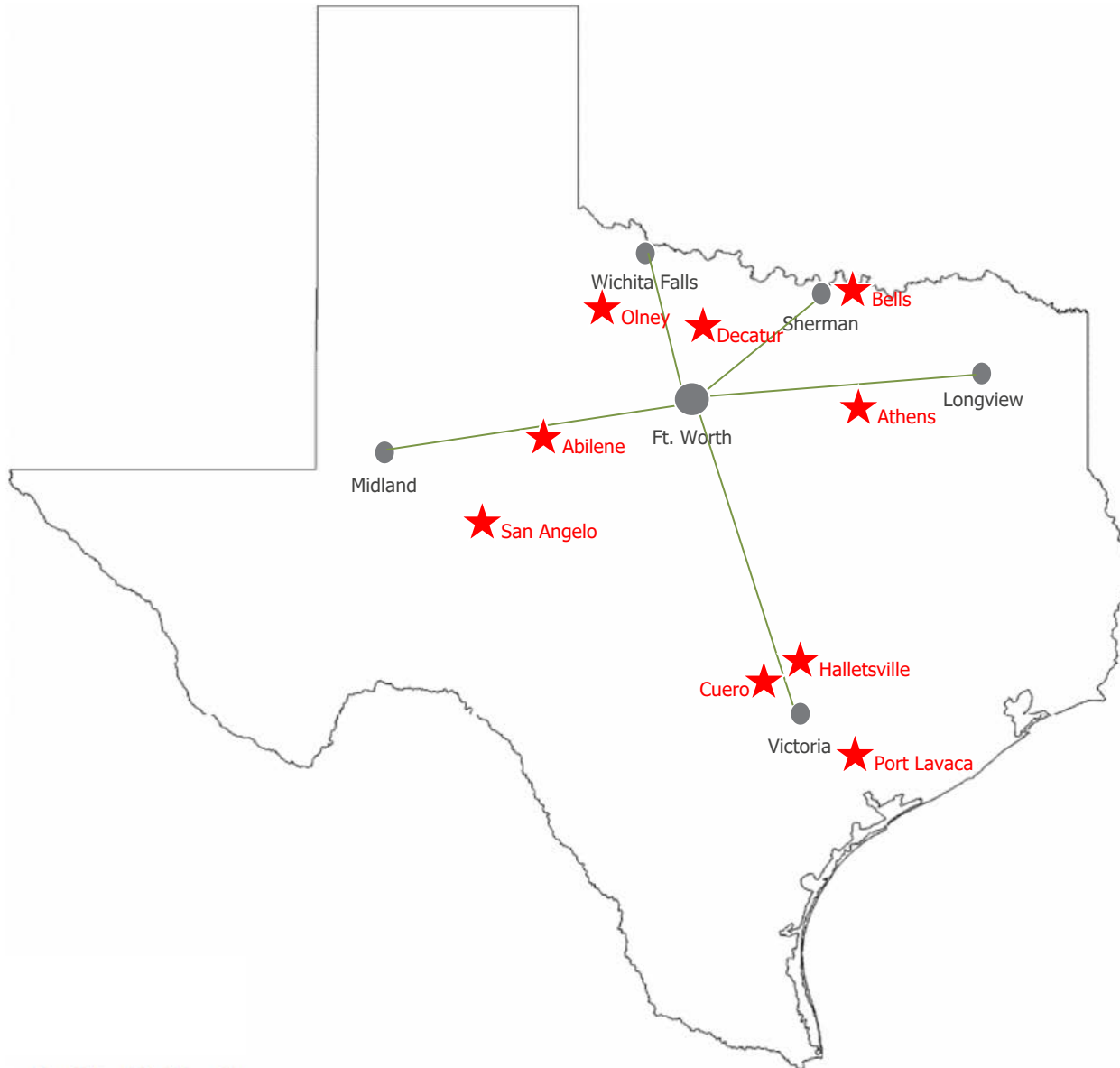
Rome students spend 3 to 4 evenings per semester seeing patients with ROME faculty (Dr Gibson, Dr Hadley)



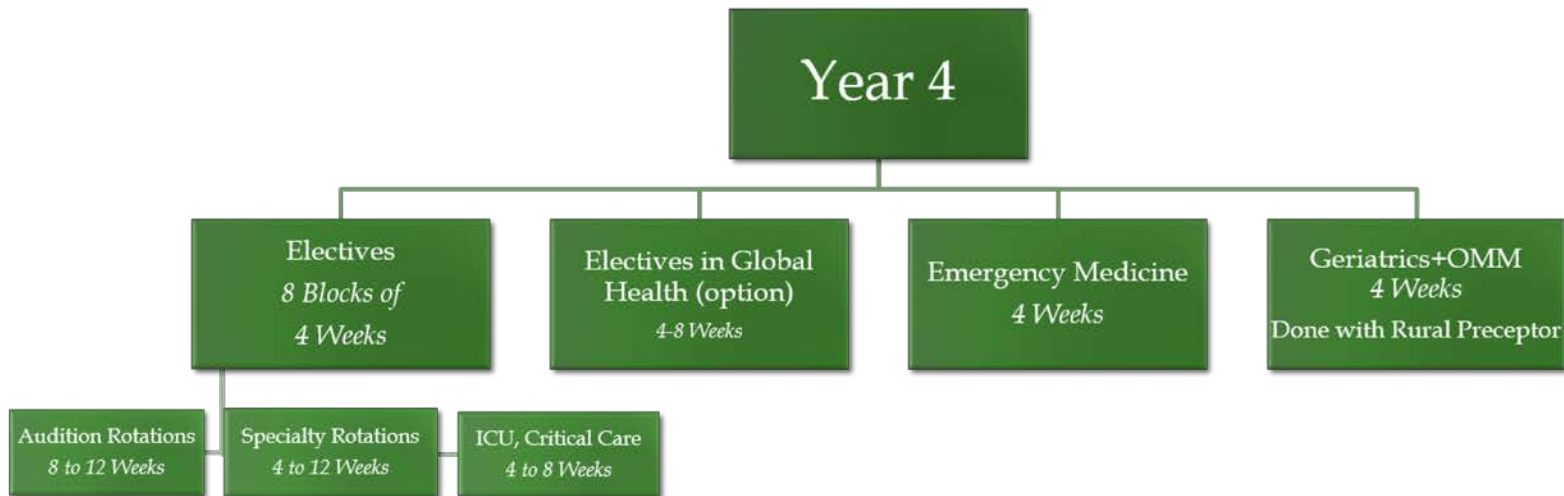
ROME Rural Scholars Program: Curriculum Overview



Preceptor vs HUB Model



ROME Rural Scholars Program: Curriculum Overview



Research Opportunities

- Community Health Research Projects
 - Nutritional Literacy and Habits Among Rural Texans
 - An Evaluation of Pre-Natal Behaviors in a Rural Texas Community
 - Identifying Barriers to Breast Cancer Screening/Mammography in Fredericksburg, Texas
- HRSA Grant- Dual Degree DO-MPH program
- Future Research Opportunities
 - Women's healthcare in rural Texas; reducing women & child mortality
 - Telehealth
 - Butterfly IQ



International Rotations

- Rural vs International
- Student interest driven
- 3rd and 4th year possibilities
- Opportunity for advanced procedural skills
- Graduate certificate of global health

Students at Mae Fah Luang January 2017

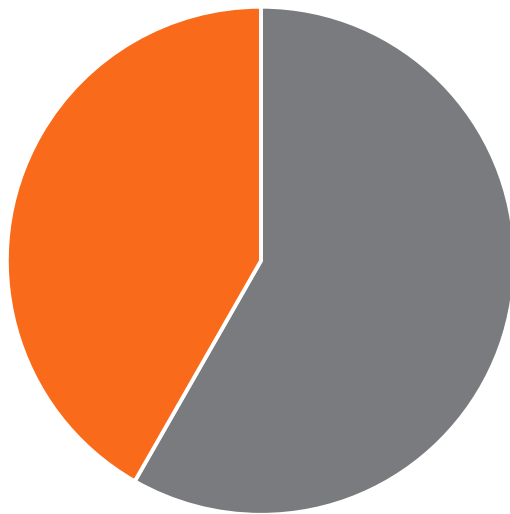


Malawi Global Medicine Program



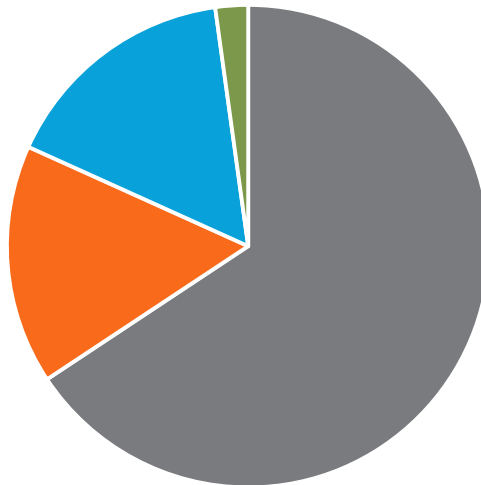
Rural Scholars 2010-2017

Gender



■ Female ■ Male

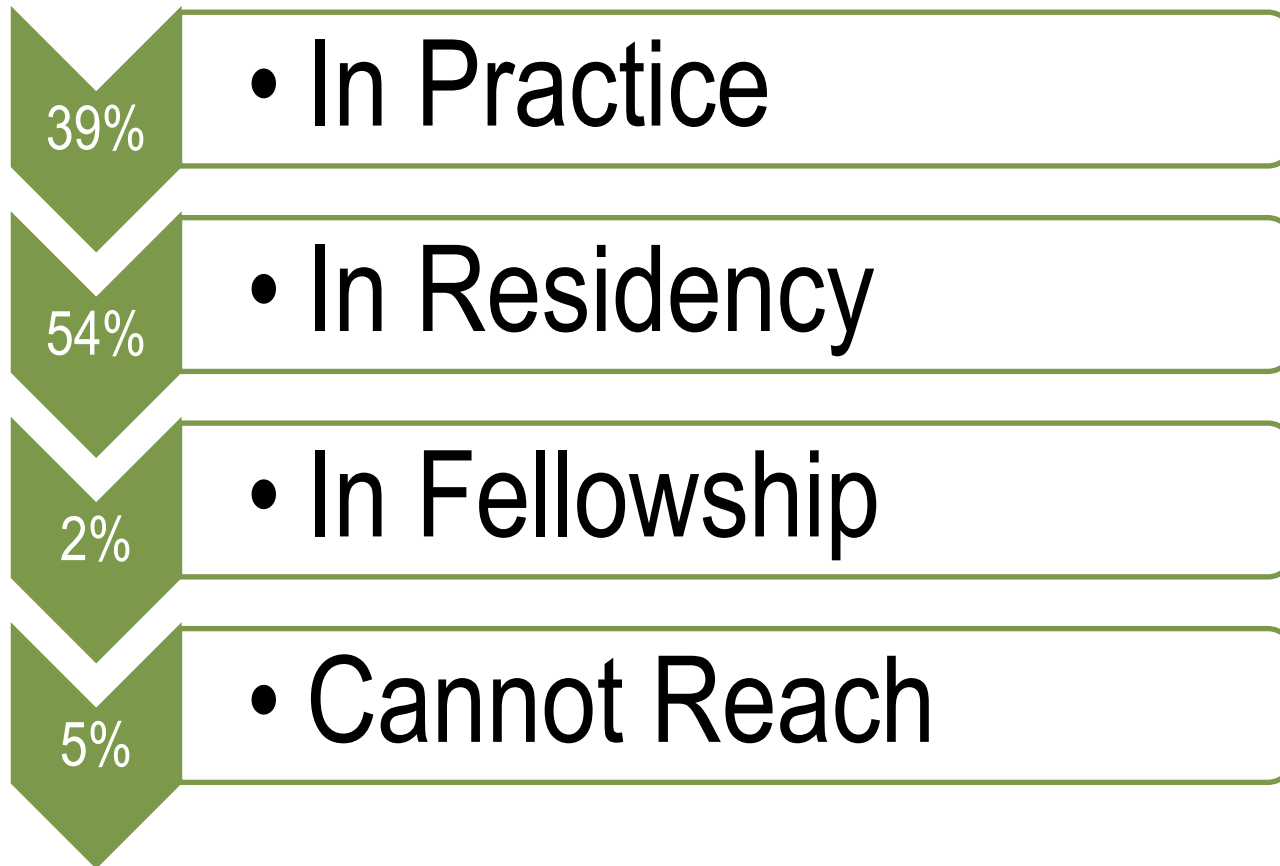
Ethnicity



■ White ■ Asian ■ Hispanic ■ Black



Rural Scholars 2010-2017



Rural Scholars 2010-2015

Types of Speciality	
Primary Care Specialty	78%
Family Medicine	63%
Internal Medicine	6%
Pediatrics	9%
Other Specialties	22%



Rural Scholars 2010-2015



33%

Practicing in area of less than 50,000

Rural Scholars 2010-2015

59%

Serving in Medically Underserved Areas

17%

Serving in Health Professional Shortage Area



Future Directions

- What can we do to give back to Rural Communities?
 - Research initiatives
 - Faculty development- access to library and medical education resources, CME, on-site short courses (e.g. ALSO, ACLS)



Questions?

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