STUDENT ELECTIVES
2014-2015

The Guthrie Clinic
Robert Packer Hospital
1 Guthrie Square
Sayre, Pennsylvania 18840

Office of Medical Education
1-800-249-2500
www.guthrie.org

GUTHRIE
Carrying medicine forward.
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Medical Education at Guthrie
Medical education has been an integral component of Guthrie for more than a century. Faculty members are very active at the state and national level in shaping the future of medical education. Guthrie offers a unique academic atmosphere, where learners experience the satisfaction of rural practice while actively participating in and influencing these exciting changes.

Why Choose Guthrie/Robert Packer Hospital?
To prepare for clinical practice, the experience must be big enough to be diversified and small enough to be personalized. Faculty members are committed to Guthrie being a teaching institution with vast opportunity for research. Patient care and customer satisfaction are Robert Packer Hospital’s top set of values. Many of our Sayre-based Guthrie physicians, in addition to house staff officers, hold academic appointments at Upstate Medical University. Guthrie is proud to offer many of the latest medical and surgical procedures available.

What Opportunities Are Offered?
Guthrie/Robert Packer Hospital currently offers medical student core clerkships in medicine, surgery and family medicine. In addition, third-year and fourth-year medical student elective rotations are available to all students from an accredited medical school on a first-come, first-serve basis.

Is Housing Available?
Housing is available on a first-come, first-serve basis. Rooms include a bed, desk, dressers, table, TV, microwave, refrigerator/freezer unit and a private full size bathroom.

Additional Student Amenities
Students have free, 24-hour access to Guthrie's on campus fitness center, library and student resource center.

How Do I Register For an Elective?
Contact Jennifer Gartland, Student Affairs Coordinator- (570) 887-4434 or visit our website, www.guthrie.org, select education, and complete the online request form.

How Do I Cancel an Elective?
To cancel clerkship/elective, please inform the Student Affairs Office at least 3 weeks in advance. Every effort will be made to reschedule, however, the clerkship/elective will not exceed the number of students allowed for that period by the clerkship director. In addition, secured housing will be given to another student in need and may not be available during the rescheduled time.

Foreign Medical Graduates
Observerships are not available to international medical graduates interested in getting experience for residency training in the US. This applies to all Guthrie Health entities.
**Please note: It is the practice of the Guthrie Clinic to observe a half-day holiday on Christmas Eve when both Christmas Eve and Christmas Day fall on a weekday. However, when Christmas Day is on a weekend, the Clinic will observe one day for the holiday on Friday or Monday as per policy.**
Medical Student Elective Application

Students wishing to request an elective must submit the on-line application below, 1-2 months in advance of the elective month requested. Information can be sent via e-mail to gartland_jennifer@guthrie.org. Upon review of the application and availability of elective, students will be contacted for further information. Due to multiple requests for electives, we ask to be notified of cancellations at least three weeks prior to the start of the planned elective.

Full Name:
Address:
City:
State:
Zip Code:
Phone:
Email:
School/Year (e.g. LECOM/2010):
Which electives are you requesting?
Dates request (start and end):
Will you need housing?  Yes_____ No ________
Preceptor Signature_________________________________________________

For Additional Information Contact:
Jennifer Gartland
Student Affairs Coordinator
Guthrie/Robert Packer Hospital
Sayre, PA  18840
Phone: 570-887-4434  Fax: 570-887-5569
To be completed by school

Name of School

Date: ______________________

The following student is in good standing at the Name of School and has approval to participate in the following rotation at Guthrie in Sayre, PA.

Student Name: ____________________________________________
Phone Number: ____________________________________________
Email Address: ____________________________________________
Emergency Contact: ________________________________________
Name of rotation: _________________________________________
Dates of rotation: _________________________________________

Documentation of immunizations is attached, including PPD current within the year. PPD Effective Date ______________________ or report of current CXR.

Documentation of criminal background check is on file

__________________________________________________________
Name and title of contact person responsible for students at the school:

__________________________________________________________
Telephone number: __________________________ E-Mail address: __________________________

__________________________________________________________
Signature:
CARDIOLOGY

INSTRUCTOR: Dr. Wojciech Rudzinksi

CONTACT: Jennifer Gartland, Student Coordinator, (570) 887-4434

PREREQUISITES: Completion of Third-Year Medical Clerkship

MAXIMUM STUDENTS: 1

WEEKLY ACTIVITIES:
This elective will provide an excellent opportunity to see full spectrum of outpatient cardiology. This will include but will not be limited to seeing/evaluating patients in the outpatient setting with a cardiology attending, reviewing electrocardiogram, observing and learning echocardiogram and all forms of stress tests, holter monitors, non-invasive CT angiogram and Tilt Table Tests. The student will observe procedures in Cardiac Cath Lab, such as left and right heart catheterization, percutaneous intervention including intra-aortic balloon pump insertion and peripheral intervention, and newer techniques. The student will also have an opportunity to observe procedures in our electrophysiological lab, such as pacemaker insertion and AICD implantation. Students will also have the opportunity to go to the operating room to observe aortic and mitral valve surgeries as well as CABG. Additionally, there will be active teaching on the inpatient cardiology service with residents and twice weekly Cardiology Conference.

READING:
A standard text book of medicine and also of EKG.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Patient work ups, clinical skills, case presentation and identification of some common EKG patterns.

PERFORMANCE DISCUSSED WITH STUDENT:
Expectation from students will be made clear at the beginning of rotation and performance evaluation will be given verbally during mid rotation and written evaluation at the end of the course.
CRITICAL CARE MEDICINE

INSTRUCTORS: Dr. James Walsh

CONTACT: Jennifer Gartland, Student Coordinator, (570) 887-4434

PREREQUISITE: Completion of third-year clerkships

MAXIMUM NUMBER OF STUDENTS: 1

WEEKLY ACTIVITIES:
Attendace at lectures, seminars, and conferences. Inpatient contact and night call. Student presentations. Management principles as they apply to ICU.

ELECTIVE DESCRIPTION:
Provides the student with the opportunity to be involved with patient care in a medical ICU service as well as ICU surgical consults. Students will obtain a generalized understanding of critical care medicine and related areas; x-rays, bronchoscopies, invasive lines, hemodynamics, nutritional support, ventilator management, weaning techniques, shock, seizure, EKG, sepsis, and more.

READING:
A standard textbook of medicine.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Patient work-ups, conference presentations, and clinical skills.

PERFORMANCE DISCUSSED WITH STUDENT:
Yes, during and at the end of the course.
EMERGENCY MEDICINE

INSTRUCTORS: Dr. Marc Harris

CONTACT: Jennifer Gartland, Student Coordinator, (570) 887-4434

PREREQUISITES: 4Th Year Medical Students, but will consider 3rd Year Students who have completed their Internal Medicine and Surgical Clerkships

MAXIMUM NUMBER OF STUDENTS: 1

WEEKLY ACTIVITIES: Patient contacts

ELECTIVE DESCRIPTION:
1. Initial assessment and care of common medical problems.
2. Initial assessment and care of serious medical-surgical problems.
3. Assessment and care of common pediatric problems.
5. Assessment and care of orthopedic problems.
6. The integration and affirmations of prior learned medical knowledge.
7. The realization of practical utilization of learned medical knowledge.
8. An overview exposure of Emergency Department patient populations, as well as exposure to various subspecialty problems and areas of interest.

READING:
Reading materials will be made available.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Patient work-ups (history and physical)

PERFORMANCE DISCUSSED WITH STUDENT:
Yes, during the course.
GASTROENTEROLOGY/HEPATOLOGY

INSTRUCTORS: Drs. Thomas McDonald, Michael Georgetson, Ukorn Srivatana, and David Talenti

CONTACT: Jennifer Gartland, Student Coordinator, (570) 887-4434

PREREQUISITES: Completion of Junior Medical Clerkship

MAXIMUM NUMBER OF STUDENTS: 1

WEEKLY ACTIVITIES:
Seminars and conferences, patient contacts in hospital and clinic, consultations; daily lectures.

ELECTIVE DESCRIPTION:
This elective offers an excellent opportunity to see the full spectrum of digestive, pancreatic, and liver diseases. The teaching service (teaching attendings, students, and residents) cares for an average of 12-18 consultations. The student on the service will be supervised and responsibility of the resident on service and will act as such to manage some of the cases. In addition, the senior student will be able to see consultations together with the resident and attending physician. This elective will help develop the requisite skills to become an effective resident. There is an active teaching component with weekly noon time didactic conferences, daily ward-teaching rounds, and a weekly clinical conference where an interesting clinical case is presented.

READING:
A textbook is not required. A reading list is available.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Patient work-ups and patient management as well as attendance at seminars, conferences, and participation in rounds.

PERFORMANCE DISCUSSED WITH STUDENT:
Yes, during and at the end of the course.
**INFECTIOUS DISEASE**

**INSTRUCTORS:** Dr. Eric Macapinlac

**CONTACT:** Jennifer Gartland, Student Coordinator, (570) 887-4434

**PREREQUISITES:** Completion of Junior Medical Clerkships

**MAXIMUM NUMBER OF STUDENTS:** 1

**WEEKLY ACTIVITIES:**
Lectures, inpatient and outpatient contact, management rounds, teaching rounds and microbiology lab.

**ELECTIVE DESCRIPTION:**
The students will have the opportunity to have contact with a wide variety of infectious disease cases. They will also be able to learn the basic workings of the microbiology lab through hands-on training. Daily lectures and management rounds will allow the student to learn in both a clinical and didactic environment.

**READING:**
A textbook is not required. A reading list is available.

**CRITERIA FOR EVALUATION OF PERFORMANCE:**
Patient work-ups, conference presentations/participation and clinical skills.

**PERFORMANCE DISCUSSED WITH STUDENT:**
Yes, both during and at the end of the course.
MEDICINE ACTING INTERNSHIP

INSTRUCTORS: Dr. Sheela Prabhu

CONTACT: Jennifer Gartland, Student Coordinator, (570) 887-4434

PREREQUISITES: Completion of Junior Medical Clerkships

MAXIMUM NUMBER OF STUDENTS: 1

WEEKLY ACTIVITIES:
Lectures, seminars, conferences, inpatient contact, daily rounds with provider, teaching rounds, morning report and daily noon didactics. Manage, with direct supervision, your own patients.

ELECTIVE DESCRIPTION:
The student will have the opportunity to function as a PGY-I with direct supervision by attending physician. Students will be assigned their own patients according to level of comfort. Supervised autonomy is the goal. Evidence-based medicine will be stressed. Computer-based order entry will be taught.

READING:
Standard textbook of medicine MKSAP and UP-TO-DATE.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Patient work-ups, seminar & conference presentations. No formal written examination. Formative and summary evaluations will be performed.

PERFORMANCE DISCUSSED WITH STUDENT:
Yes, both during and at the end of the course.
Nephrology

Instructors: Dr. Matthew Novak

Contact: Jennifer Gartland, Student Coordinator, (570) 887-4434

Prerequisites: Completion of second-year didactics. Available for third- and fourth-year electives.

Maximum number of students: 1

Elective description: Students will round in the hospital with the attending physician of the Nephrology Service. Students may also attend out-patient clinics in the Department of Nephrology. Students will attend Nephrology teaching rounds once per week. Students will gain skills in approaching patients with kidney disease.

In-patient objectives:
1. Identify common causes of acute kidney injury and the initial work-up
2. Experience and learn common concepts of dialysis including indications, techniques, and complications.
3. Manage common electrolyte disorders with discussion of fluid management in acutely ill patients.

Out-patient objectives:
1. Investigation and management of hypertension.
2. Learn the stages of chronic kidney disease and approaches to management.
3. Describe the initial work-up of a patient presenting with elevated creatinine.

Reading:
A textbook is not required. Assignments based on clinical exposure.
Recommended textbook for those students with special interest is “Clinical Physiology of Acid-Base and Electrolyte Disorders: By Burton Rose, MD.

Criteria for evaluation of performance:
Attendance, enthusiasm and participation in patient management will all be criteria for a successful rotation.

Performance discussed with student:
Yes, both during and at the end of the course.
NEUROLOGY

INSTRUCTORS: Drs. Han Suk Koh
Lonnie Stethers, FNP

CONTACT: Jennifer Gartland, Student Coordinator, (570)887-4434

PREREQUISITES: Completion of Junior Medical Clerkship

MAXIMUM NUMBER: 1
OF STUDENTS

WEEKLY ACTIVITIES:
Rounding on floors, inpatients consults, outpatient clinic

ELECTIVE DESCRIPTION:
EMG reading, EEG exposure, sleep study introduction and reading

READING:
Victor and Adams Neurology Book

CRITERIA FOR EVALUATION OF PERFORMANCE
Attendance, quiz, final exam at end of rotation
Occupational & Environmental Medicine

INSTRUCTORS:  Theodore F. Them, MD, MS, PhD, MPH, FACP – Chief of Section
                Robert Reed, MD, MPH - Associate Physician
                Maria Mainolfi MD, MSPH - Associate Physician
                Anthony J. Grippo, MD, MPH - Associate Physician
                David DeRegis, MD - Associate Physician

CONTACT:  Jennifer Gartland, Student Coordinator (570-887-4434)

PREREQUISITES:  Completion of third-year Clerkships.

MAXIMUM NUMBER OF STUDENTS:  2

WEEKLY ACTIVITIES:  Inpatient contacts, Internal Medicine and Family Medicine Resident presentations/modules/reviews, assigned readings/Internet searches, didactics with residents, other personal assignments, and one-on-one discussions.

ELECTIVE DESCRIPTION:
Occupational & Environmental Medicine is one of the disciplines of Preventive Medicine. It is our goal to offer students a broad, yet meaningful, exposure to this demanding field, one of the rarest medical specialties in the United States.

Emphasis will be on basic mastery of related principles, especially on:
- collecting a proper occupational/environmental exposure history
- learning basic toxicologic principles
- performing a proper physical examination
- ordering appropriate tests and investigations
- performing critical review of medical literature
- learning proper management of, and legal compliance with, workers’ compensation statutes
- learning application of other governing regulations
- experiencing the joy of learning and applying accumulated knowledge to the successful and efficient management of complex clinical cases

Students will be encouraged to select and complete a simple, related research project of mutual acceptability. All Section physicians are eager, experienced, capable clinicians and educators. We will have fun while working together; boredom is prohibited.

READING:
Assignments will be given.

CRITERIA FOR EVALUATION OF PERFORMANCE
Attendance, participation, successful completion of related readings, assignments, and research.

PERFORMANCE DISCUSSED WITH STUDENT?:
Yes, at midrotation and at rotation end.
OUTPATIENT HEMATOLOGY/MEDICAL ONCOLOGY ELECTIVE

INSTRUCTOR: Dr. Bradley W. Lash

CONTACT: Jennifer Gartland, Student Coordinator, (570) 887-4434

PREREQUISITES: Third-year Internal Medicine Rotation

MAXIMUM STUDENTS: 1

WEEKLY ACTIVITIES:

1. Evaluate and work-up new patients referred to hematology and oncology
2. Evaluate established patients as determined by the student’s interests
3. Attend and participate in the weekly/monthly tumor board conferences
4. Observe and perform procedures as indicated including bone marrow aspiration and biopsy, skin biopsy, and lumbar puncture
5. Attend patient management conferences with the oncology department
6. Review pathology specimens including bone marrow biopsies and peripheral smears
7. Attend and participate in formal and informal education conferences and lectures
8. Work with other members of the oncology team including social work, oncology pharmacists, and nursing staff as it pertains to patients the student is evaluating

ELECTIVE DESCRIPTION:
The elective is designed to build upon the student’s prior exposure to medical oncology and non-malignant hematology and is ideally suited for students interested in hematology/oncology. The elective is designed to facilitate exposure to the outpatient practice of oncology in an academic, yet clinically oriented practice. Students will be exposed to a wide-range of both hematologic and solid tumors as well as non-malignant hematology. The elective will focus on teaching the diagnosis, evaluation and treatment of these conditions with a focus on evidence based medicine. Students will also have the opportunity to observe and perform various procedures as they relate to hematology/oncology including bone marrow aspiration and biopsy as well as interpretation of laboratory tests and peripheral smears.

READING:
No formal reading list is required, but reading assignments will be given based on the cases seen and discussed. The student will have access to journal articles and important textbooks in hematology and oncology.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Students will be evaluated based on their desire to learn and participate as well as on oral and written case presentations. Evaluations will be based on the ACGME core-competencies.

PERFORMANCE DISCUSSED WITH STUDENT:
Yes, during and at the end of the course
ADVANCED HEPATOBILIARY SURGERY

INSTRUCTOR: Dr. Thomas VanderMeer

CONTACT: Jennifer Gartland, Student Coordinator, (570) 887-4434

PREREQUISITES: Attendance and interest. Completion of third year of medical school.

MAXIMUM NUMBER OF STUDENTS: 1

WEEKLY ACTIVITIES:
Lectures, seminars, and conferences, inpatient and outpatient contacts.

ELECTIVE DESCRIPTION:
This course is designed to acquaint the student with the pathophysiology and multidisciplinary management of benign and malignant diseases of the liver, bile duct and pancreas. The student will participate in the evaluation of patients at presentation and during the surgical procedure and postoperative care. Principles of surgical oncology, interpretation of diagnostic imaging, foregut anatomy, and basic techniques of postoperative care will be stressed. Special emphasis will be placed on liver physiology and its relationship to the clinical course following major hepatectomy. The student will be an integral part of the surgical team and will work closely with residents and faculty.

READING:
Reading list provided.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Patient evaluations, participation in patient care, conference presentations.

PERFORMANCE DISCUSSED WITH STUDENT:
Yes.

Contact: Jennifer Garland, Student Coordinator (570) 887-4434

Prerequisites: Surgical Clerkship

Maximum Students: 1

Weekly Activities: Participation in clinical activities and discussions in perioperative medicine and interventional pain management with department physicians. Patient care areas will include the main operating room, obstetrics suite and pain management clinic.

Elective Description: The elective is designed to introduce the student to the Anesthesiologist’s role as a perioperative and pain management physician. The student will be exposed to the preoperative, intraoperative and postoperative care of patients, as well as chronic pain management. Emphasis will be placed on practical clinical activities, supplemented by reading and discussion. The clinical activities will include the anesthesiologist’s care of the patient in the main operating room, pain management clinic and obstetrics suite with time divided to give the student experience in all areas with consideration to the student’s interest and motivation. Procedures such as mask ventilation, endotracheal intubations and IV placement will be taught. The student should plan on an eight to ten-hour day.

Reading:
1) Millers Textbook of Anesthesia
2) Evidence-Based Practice of Anesthesia
3) Anesthesia Advanced Circulatory Life Support
4) Neural Blockage in Pain Management
5) Pain Medicine: A Comprehensive Review
(selected reading from these texts available in the department)

Criteria for Evaluation of Performance: Performance evaluation will be based primarily on motivation for learning. Factual knowledge, clinical judgment and mechanical skills will also be considered.

Performance Discussed with Student: Yes, during and at the end of the course.
PLASTIC SURGERY

INSTRUCTOR: Dr. Karim Sadik

CONTACT: Jennifer Gartland, Student Coordinator (570) 887-4434

PREREQUISITES: Completion of one year of Medical School

MAXIMUM STUDENTS: 2

WEEKLY ACTIVITIES:
Rounding, consults, teaching sessions, operative techniques, decision making, clinic, plastic surgery conference.

ELECTIVE DESCRIPTION:
This elective is designed to introduce the student to a variety of trauma and reconstructive procedures specific to the field. The students will be expected to take ownership of the service in anticipation of being residents in the near future. Practicing preoperative, operative and postoperative management of the patient is a skill that will be learned under my guidance.

READING:
Recommended reading will be suggested and provided.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Student evaluation will be based upon daily clinical work, clinical and operative fund of knowledge, and presentation skills. Motivation for learning, judgment, and mechanical skills will also be considered.

PERFORMANCE DISCUSSED WITH STUDENT:
Yes, during and at the completion of the course.
SURGERY ACTING INTERNSHIP

INSTRUCTOR: Dr. Silviu Marica

CONTACT: Jennifer Gartland, Student Coordinator, (570) 887-4434

PREREQUISITES: Junior Surgical Clerkship; three full years of medical college

MAXIMUM NUMBER OF STUDENTS: 1

WEEKLY ACTIVITIES:
Attendance at conferences, resident rounds, and special seminars. Completion of a journal reports.

ELECTIVE DESCRIPTION:
An intensive introduction for the senior student to clinical surgery. Opportunity to manage routines during the pre-operative and post-operative period. Student will be part of a surgical residency team and will function as an intern on the team. Educational material will be presented during daily rounds with the residents and attending staff and through education conferences directed towards the surgical resident staff. In the operating room, the student will be exposed to all aspects of surgical techniques and may function as the first or second assistant on the surgical team. A more advanced exposure to the technical procedures will be provided as the student functions in the capacity of first and second assistant in surgical cases.

READING:
Voluntary. Extensive reference library available to the student.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Resident and attending evaluation on a daily basis of history and physical. General assays of fund of knowledge which the student displays while on service.

PERFORMANCE DISCUSSED WITH STUDENT:
Yes, open discussion with the student regarding his performance is policy.
SURGICAL CRITICAL CARE

INSTRUCTOR: Dr. David Kashmer

CONTACT: Jennifer Gartland, Student Coordinator, (570) 887-4434

PREREQUISITES: Completion of third-year clerkships.

MAXIMUM NUMBER OF STUDENTS: 2

WEEKLY ACTIVITIES:
Attend morning report & AM rounds. Integral member of team. Goal is to achieve clinical performance level of PGY1 or PGY2 resident by completion.

ELECTIVE DESCRIPTION:
The objective is to provide the student with the opportunity to be involved with patient care in a surgical ICU and with ICU consults. Obtain a generalized understanding of critical care medicine and related areas; x-rays, bronchoscopies, invasive lines, hemodynamics, nutritional support, ventilator management, weaning techniques, shock, seizure, EKG, sepsis, and more. Patients vary from general, vascular, neuro and trauma surgical services, as well as consults from other services for surgical procedures. Wide exposure to surgical intensive care. Significant exposure to Acute Care Surgery and operating room if student so desires.

You will have time from clinical duties in compliance with your school's requirements / ACGME mandates.

READING:
Assigned reading varies based on current literature. List to be distributed at beginning of your time with us.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Written exams, patient work-ups, conference presentations, and clinical skills.

PERFORMANCE DISCUSSED WITH STUDENT:
Yes, during and at the end of the course.
**Vascular Surgery Acting Internship**

**INSTRUCTORS:** Drs. Robert Larson, Silviu Marica, Lawrence Sampson and Xiu-Jie Wang

**CONTACT:** Jennifer Gartland, Student Coordinator, (570) 887-4434

**PREREQUISITES:** Completion of two years of medical school

**MAXIMUM NUMBER OF STUDENTS:** 1

**LENGTH:** 4 weeks.

**ELECTIVE DESCRIPTION:**
Students will participate in all aspects of Vascular and Endovascular Surgery including: Clinic, Operating Room, Vascular Laboratory/Ultrasound, Angiography and Endovascular

**CRITERIA FOR EVALUATION OF PERFORMANCE**
Evaluation of students will be based upon daily clinical work, clinical and operative fund of knowledge, and participation of conferences.

**IS PERFORMANCE DISCUSSED WITH STUDENT:**
Yes, during and at the end of the course.
FAMILY MEDICINE SUBINTERNSHIP

INSTRUCTOR: Dr. Donald Phykitt

CONTACT: Jennifer Gartland, Student Coordinator, (570) 887-4434

PREREQUISITES: Attendance and interest in Family Medicine. Completion of three years of medical school.

MAXIMUM NUMBER OF STUDENTS: 2

LENGTH: Variable

WEEKLY ACTIVITIES:
Students will be required to participate in lecture series, seminars, group discussions, clinics with patients and residents, and meetings with faculty. In addition, students are expected to complete the assigned reading. Students may be expected to visit other rural-based clinic satellites. Students will participate and function as a sub-intern by seeing inpatients and outpatients, making rounds, etc.

ELECTIVE DESCRIPTION:
Personal ongoing guidance by family physicians throughout the rotation helps the students achieve their full potential. Students will participate in patient care from conception to death, with attention to both biomedical and psychological issues that affect health and illness. Students will have exposure to a full range of patient acuity and pathology. Special emphasis is placed on participation in program development, wellness, obstetrics, training in procedures, geriatrics, sports medicine, and behavioral science. This is accomplished with friendly, enthusiastic, learner-centered faculty and residents. Students are encouraged to develop problem-solving skills during their rotation. This allows students a tremendous opportunity for human growth and development, shared with residents and faculty. Our faculty is multidisciplinary and includes nurse practitioners, physicians, psychologists, and residents.

READING:
Assigned reading is required.

CRITERIA FOR EVALUATION OF PERFORMANCE:
Participation in patient care, lectures, seminars, discussions, and assigned reading.

PERFORMANCE DISCUSSED WITH STUDENT:
Yes, throughout the rotation. The student's preceptor will be expected to complete an evaluation form and return it to the school upon completion of rotation.
WHERE IS SAYRE, PA?

Students are drawn to Guthrie because they are interested in the practice of medicine in a rural multispecialty group setting. The region offers everything from championship golf to Broadway-caliber theater. Nestled among the Endless Mountains, the area boasts award-winning wineries and sports for every season.

DIRECTIONS TO THE GUTHRIE CAMPUS

Guthrie/Robert Packer Hospital is located in Sayre, Pennsylvania.
♦ **From the North**, take Interstate 81 South to Route 17 (Interstate 86, Binghamton, NY) West to Exit 61 (Sayre, PA). Follow signs for Guthrie Clinic and Robert Packer Hospital.
♦ **From the South**, take Interstate 81 North to Route 17 (Interstate 86, Binghamton, NY) West to Exit 61 (Sayre, PA). You may also take as an alternative route, Route 220 North to Sayre/South Waverly exit. Follow signs for the Guthrie Clinic and Robert Packer Hospital.
♦ **From the East**, take Route 17 Southern Tier Expressway (Interstate 86) West to Sayre/South Waverly exit. Follow the signs for the Guthrie Clinic and Robert Packer Hospital.
♦ **From the West**, take Route 6 East to Route 220 North to Sayre/South Waverly exit. Follow the signs for the Guthrie Clinic and Robert Packer Hospital.