Geisinger Commonwealth Vision

- Ensure the supply of physicians and scientists
  - NEPA
- Improve area healthcare
- Enhance economy
Accreditation

- Full Accreditation
  - Liaison Committee on Medical Education (LCME)
  - Middle States Commission on Higher Education
- July 2014
Mission Statement

Geisinger Commonwealth School of Medicine will educate aspiring physicians and scientists to serve society using a *community-based*, *patient-centered*, *interprofessional*, and *evidence-based* model of education that is committed to inclusion, promotes discovery and utilizes innovative techniques.
Doctor of Medicine (MD)

A four-year doctorate program that uses a distributive model of medical education through four regional campuses leading to the MD degree

Master of Biomedical Sciences (MBS)

A graduate program in biomedical sciences designed to help strengthen an applicant’s credentials for medical and other health-related professional schools
Curriculum

- M1 & M2 Courses
  - Basic science courses
  - Doctoring courses
  - Case-Based Learning courses

- Clinical experiences
  - Community Week
  - Family Centered Experience
### Year 1

<table>
<thead>
<tr>
<th>Month</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
</tr>
</thead>
<tbody>
<tr>
<td>Orientation</td>
<td>Cellular &amp; Molecular Basis of Life</td>
<td>Patient Centered Medicine</td>
<td>Human Structure &amp; Function</td>
<td>HSF</td>
<td>HSF</td>
<td>Foundations</td>
<td>Neuroscience</td>
<td>Patient Centered Medicine</td>
<td>Vacation &amp; other activities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Patient Centered Medicine</td>
<td>Physician &amp; Society</td>
<td>Physician &amp; Society</td>
<td>PCM</td>
<td>PCM</td>
<td>PCM</td>
<td>Patient Centered Medicine</td>
<td>Physician &amp; Society</td>
<td>CBL 1</td>
<td>CBL 1</td>
<td>Case Based Learning 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Case Based Learning 1</td>
<td>Case Based Learning 1</td>
<td>Winter Break</td>
<td>PAS</td>
<td>Community week 2</td>
<td>CBL 1</td>
<td>Community week 3</td>
<td>CBL 1</td>
<td>Case Based Learning 1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Geisinger Commonwealth School of Medicine**
## Year 2

<table>
<thead>
<tr>
<th>Month</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
<th>June</th>
<th>July</th>
</tr>
</thead>
</table>
| Systems 1   | Dermatomedical 
Gastrointestinal | The Art & Practice of Medicine | Renal 
Hematology | Winter Break 
Community Week 1 | Systems 2 
The Art & Practice of Medicine | Cardiopulmonary 
Endocrine | Spring Break 
Community Week 2 | Reproductive 
Mind | Vacation & other activities |
| Case Based Learning 2 | | | | | | | | | |

Geisinger Commonwealth School of Medicine
Course Schedules & Activities

- Lecture
- Flipped classroom
- Small group
- Case based learning (CBL)
- Team based learning (TBL)
- Simulations

- Self Directed Learning (Podcasts)
- Gross anatomy dissection
- Clinical presentations
- Patient presentations
- Reading
Curriculum

- M3 & M4
- Core disciplines
  - Family Medicine
  - Internal Medicine
  - OB/GYN
  - Pediatrics
  - Psychiatry
  - Surgery
Regional Campus Model
# Year 3

<table>
<thead>
<tr>
<th>Blocks</th>
<th>Year 3</th>
<th>Longitudinal Curriculum (LIC)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>July</td>
<td>August</td>
</tr>
<tr>
<td>Core Week 1</td>
<td>Orientation</td>
<td>Inpatient Adult Medicine</td>
</tr>
<tr>
<td></td>
<td>Core Week 2</td>
<td>Inpatient OB/GYN</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Inpatient Surgery</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Anesthesia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selectives</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Electives</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selectives</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Selectives</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Core Week 3</td>
</tr>
</tbody>
</table>
Year 3
Longitudinal Integrated Clerkship (LIC)

<table>
<thead>
<tr>
<th>Sample LIC Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Monday</strong></td>
</tr>
<tr>
<td><strong>am</strong></td>
</tr>
<tr>
<td><strong>pm</strong></td>
</tr>
</tbody>
</table>
Year 3

**Longitudinal Integrated Clerkship (LIC)**

- 1/2 year
  - Outpatient care in preceptors’ office
  - Emergency Medicine experience
  - Continuity patients

**Block Rotations**

- 1/2 year
  - Inpatient training
  - Selectives
    - Radiology, Neurology, Pathology and Lab Medicine, Pediatrics, Anesthesia, Clinical Problem Solving/Nutrition in Medicine
  - Electives
## Year 4

<table>
<thead>
<tr>
<th></th>
<th>June</th>
<th>July</th>
<th>August</th>
<th>September</th>
<th>October</th>
<th>November</th>
<th>December</th>
<th>January</th>
<th>February</th>
<th>March</th>
<th>April</th>
<th>May</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year 3</td>
<td>Core week 3</td>
<td>Break</td>
<td>Senior Seminar</td>
<td>Subinternship: Medicine</td>
<td>Subinternship: Student choice</td>
<td>Acute Care: ER</td>
<td>Acute Care: ICU</td>
<td>Electives: Student Choice</td>
<td>Match/Core week</td>
<td>Interprofessional Selective</td>
<td>Electives: Student Choice</td>
<td>Graduation</td>
</tr>
</tbody>
</table>

**Geisinger Commonwealth School of Medicine**
Master of Biomedical Sciences

- 36 graduate school credits earned in 10 month & 16 month formats
- Coursework to prepare for medical school, veterinary school, dental school, PhD programs, other health professions
- Classes taught by MD program faculty
- Princeton Review MCAT prep course
# MBS Campuses

## Scranton
- 10 month, full-time program
- Located on the Scranton campus with MD1 & MD2 students
- 75 student cohort
- Prepares students for careers in research and health professions
- Fall start only

## Doylestown
- 16 month, part-time program with evening & weekend classes
- Located at the Baruch S. Blumberg Institute – Bucks County
- 15 student cohort
- Prepares students for careers in research and health professions
- Spring start only
MBS Scranton Curriculum

**Fall Semester**
8-16 Week Courses
- Professional Development
- Biochemistry
- Physiology
- Cell Biology
- Genetics

**Spring Semester**
8-16 Week Courses
- Professional Development
- Electives

**Summer Semester**
8-16 Week Courses
- Princeton Review Course
- Electives

*Electives include but are not limited to:* Pharmacology, Biomedical Seminars, Readings in Basic Sciences, Histology, Immunology, Neuroscience, Biostatistics, Management, Bioethics, Laboratory Techniques

Geisinger Commonwealth School of Medicine
**MBS Doylestown Curriculum**

**Semester 1**
- Professional Development
- Community Health Research
- Seminars in Biomedical Sciences
- Biochemistry
- Cell Biology

**Semester 2**
- Professional Development
- Community Health Research
- Seminars in Biomedical Sciences
- Genetics
- Epidemiology & Biostatistics

**Semester 3**
- Community Health Research
- Physiology
- Electives

**Semester 4**
- Community Health Research
- Pharmacology
- Electives

**Electives include:** Bioethics, Histology, Immunology, Integrated Group Learning, Laboratory Techniques Management, Neuroscience, Laboratory Techniques, Princeton Review and Research
Benefits of the MBS program

- Professional development
- Academic advising
- Coaching
- Workshops on medical school interviewing skills, preparing a curriculum vitae, writing a personal statement
MBS Success

- Placement rate (over a 2 year period) to health professional schools including MD, PhD, DO, Veterinary, and Dental = ~70%
- Drexel College of Medicine, Sidney Kimmel College of Medicine at Thomas Jefferson University, Temple University School of Dentistry, PCOM, LECOM, Geisinger Commonwealth’s MD program, among others.
Financial Aid

- Scholarships
  - Geisinger Commonwealth Scholarship Committee
- Federal Direct Loan program
  - Financial Aid staff available to assist with process
- Private scholarships
Get involved!
MSC and GSC

Over 50 Student Clubs and Organizations
Service Opportunities

100 hours requirement over the course of your four-year education
Research Opportunities

• Summer research internships, teaching assistantships and rural primary care internships
• Ongoing basic science and clinical research projects
• Research centers around issues that are tied to the local population
  – Cancer, mental illness, & aging
MD Admissions Requirements

- **General Biology** with lab 1 year/2 semesters
- **Inorganic Chemistry** with lab 1 year/2 semesters
- **Organic Chemistry** with lab 1 year/2 semesters
- **General Physics** with lab 1 year/2 semesters
- **English and English Composition** 1 semester

- Biochemistry
- Statistics/Biostatistics
- Sociology
- Psychology
- Developmental Biology
- Epidemiology
- Genetics
- Immunology
- Microbiology/Virology
- Neuroscience
- Physiology
## MD Admissions Requirements

<table>
<thead>
<tr>
<th>Letters of Recommendation</th>
<th>MCAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 individual letters OR 1 pre-professional, pre-health, or committee letter</td>
<td>Scores must be no older than three years at the time of application</td>
</tr>
</tbody>
</table>
MD Admissions Process

The Admissions Committee reviews every application holistically & makes admission decisions

5,921 applications → 700+ interviews → 310 acceptances → 110 students

PA residents: 79 | NEPA: 35
Average Overall GPA: 3.61
Average MCAT: 31 | Average MCAT 2015: 510
Advising

• Developmental and student-centered program includes
  – Faculty Advisor
  – Peer Mentor
  – Clinical Advisor
• Office of Student Affairs and Center for Learning Excellence Programming
• Career Curriculum integrated into coursework
APPLY TODAY!

admissions@som.geisinger.edu
geisinger.edu/gcsom