

Medical Education Across the Continuum

Premedical Initiatives

THE UNDERGRADUATE BIOMEDICAL SCIENCE MAJOR

- A unique honors program that is research-intense and prepares students to enter graduate/professional programs leading to an MD, PhD, or MD/PhD.
- Small class sizes; team-based learning; BMS coursework emphasizes problem-solving; verbal and written communication skills; one-year biomedical research lab experience; Medical Center faculty mentors.
- Current Student Profile: Applications: @ 65 per year – admissions @ 20 per year; average ACT scores: 32; average SAT scores: 1400; National Merit Scholars: 27.

Program Outcomes:

- Total enrollment N = 76
- First graduating class June 2009
- 9 Medical School
- 1 PhD
- 1 MD/PhD
- Student Achievement: Students have several scholarly publications; students have won local and national awards and recognition.

For more information, please see handout or contact
Bruce Biagi at Bruce.Biagi@osumc.edu



Medical Education Across the Continuum

Student Education and Opportunities

CLINICAL ASSESSMENT AND PROBLEM SOLVING (CAPS)

- ▶ 203 Med 1 students were enrolled in the Clinical Assessment and Problem-Solving course with overall scores ranging from 69.50% to 97.50%.
- ▶ Course Structure: 12 students meet with one physician facilitator (or facilitator pair) approximately once/week over the entire academic year.
- ▶ Faculty Development: Approximately once/month, three-hour sessions: Faculty discussion and learning about group process and classroom management, review group activities and plans for upcoming sessions and discuss specific challenges that are occurring in their groups.
- ▶ Student Advisory Board: Designed to obtain and discuss student feedback regarding CAPS and to use data in CQI efforts.

For more information, see handout or contact

Doug Post at Doug.Post@osumc.edu



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Student Education and Opportunities

INTERDISCIPLINARY COURSE

- ▶ An interdisciplinary approach to patient care that fosters an understanding of the impact of “team” on patient care
- ▶ 2 groups/8 students per group
 - Medicine, Nursing, Pharmacy, Medical Dietetics & Physical Therapy
- ▶ Promote an understanding of roles & scope of practice of different professions
- ▶ Identify dynamics of an effective functional team
- ▶ Enhance communication skills
- ▶ Small groups case studies
- ▶ Student-driven; interactive

For more information, see handout or contact
Carol Hasbrouck at Carol.Hasbrouck@osumc.edu

Medical Education Across the Continuum

Student Education and Opportunities

WELLNESS INITIATIVE

- ▶ Provides an environment that promotes lifelong health and wellness.
- ▶ Builds and maintains a community that supports the pursuit of personal health in mind, body and spirit.
- ▶ The Wellness Team is a diverse committee of students, faculty, staff and campus representatives that
 - Brings expertise to the support of wellness for the students in the College of Medicine.
 - Encourages students to be proactive in their health and well-being by supporting student-initiated approach.
 - Offers numerous opportunities that allow for mental, emotional, physical and spiritual growth, both on and off campus.

For more information, see handout or contact

Joanne Lynn at Joanne.Lynn@osumc.edu



Medical Education Across the Continuum

Student Education and Opportunities

RESEARCH DAY

- ▶ Provides an opportunity for researchers in training at OSU Medical Center to gain experience in science communication through presentation of biomedical research in a public forum, to engage in scientific interaction with other research trainees and faculty and to compete for travel awards given for outstanding work
- ▶ Includes trainees at all levels of programming: graduate, undergraduate, medical and MD/PhD students, as well as postdoctoral fellows, researchers, clinical residents and fellows.
- ▶ More than 300 posters representing a wide array of research topics are displayed throughout the day, with presenters on hand to discuss their projects and research findings with visitors, guests and faculty judges.
- ▶ Highlights a Keynote Address by a prominent leader in the biomedical sciences or related fields.

For more information, see handout or contact

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Medical Education Across the Continuum

Physician Education

EXCEL TO TEACH - EXcellence in Care through Education and Leadership

- ▶ Online faculty development program designed to provide flexible options to assist busy clinical teachers to become better teachers and leaders in our healthcare systems.
- ▶ The program will cover a broad range of topics in clinical teaching, medical education, healthcare leadership and professionalism.
- ▶ Completion of modules will be recognized through continuing education credits and certifications.
- ▶ Modules will be structured to allow incremental completion of 15-minute units using one or more choices of formats (podcast, Web-enhanced, video, etc.).
- ▶ Audience is all healthcare professionals who teach learners in training to become physicians, nurses, allied health professionals and pharmacists spanning the student, graduate, resident and fellow levels.

**For more information, see handout or contact
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Medical Education Across the Continuum

Physician Education

PROFESSIONALISM COUNCIL

- ▶ The goal is to create a medical environment in which professional behavior is the norm, respect for the individual is paramount and all members of the healthcare team are valued for their knowledge and their compassion.
- ▶ The Professionalism Council is under the direction of an Executive Committee and is composed of five working teams: Celebration, Consultation, Educators, Environment and Relationships.
- ▶ The work of the Council focuses on professionalism through understanding and evaluating the environment in which we function, promoting educational and informational venues concerning the tenets of professionalism and by valuing and promoting professional and compassionate behaviors.
- ▶ The action plan requires the Professionalism Council to focus on three broad areas: advocacy/accountability, collaboration/communication and building trust.

For more information, see handout or contact
Catherine Lucey, MD, at Catherine.Lucey@osumc.edu



Medical Education Across the Continuum

Physician Education

CENTER FOR EDUCATION AND SCHOLARSHIP

- ▶ Promotes scholarship of teaching and learning: Provide consultation on all aspects of educational scholarship to faculty, staff and trainees in the College of Medicine.
- ▶ Promotes and develops skills that enhance the quality of health sciences education: Assist in the development of outstanding teachers, curriculum leaders and educational scholars.
- ▶ Provides guidance for educational recognition and rewards: Assist in the identification and/or development of guidelines to recognize excellence in educational scholarship and scholarly activity and advocate for its use.
- ▶ Provides a Teaching Scholars Program: For selected faculty, the group meets twice a month to provide faculty development in the areas of teaching skills, scholarship and leadership.
- ▶ Provides a quarterly seminar series, including an annual Education Day.
- ▶ Education in Action: An e-newsletter that is sent to all faculty of the OSU College of Medicine to keep them informed of activities in the education mission.

For more information, see handout or contact

John Mahan at John.Mahan@osumc.edu



Medical Education Across the Continuum

Technology

iPOD TOUCH AND HOW WE USE IT

- ▶ All 800+ College of Medicine students receive the iPod touch as part of the educational package, and the device is slowly being rolled out to residents.
- ▶ All devices are password-protected.
- ▶ Students and residents have easy access to the Web portal, e-mail and other Web applications using a wireless setup.
- ▶ Students use applications such as Lexi-Comp, Epocrates, iMurmur and others that add to their education.
- ▶ Lectures can be distributed via a password-protected section of iTunes, enabling students to study while walking, biking or searching for a parking space.
- ▶ Students use the devices to review patient treatment plans, review and learn treatments and procedures, study and communicate with each other and their superiors
- ▶ Patients receive a more personalized treatment plan. They have been able to work with a student to identify their medications. In some cases, students will access their iTunes and play some music while performing in-room procedures to help calm patients and provide them with a soothing environment.

**For more information, see handout or contact
Larry Hurtubise at Larry.Hurtubise@osumc.edu**

Medical Education Across the Continuum

Technology

SUMMER SCHOLAR PROGRAM STORIES OF VALUE

- ▶ The Ohio State University College of Medicine sponsored six Summer Scholars Awards for medical students.
- ▶ These talented students worked together to collect audio stories from physicians about the values of the profession, similar to NPR's Story Corp.
- ▶ The College of Medicine partnered with WOSU and The Ohio State Digital Union to train the students in techniques for creating audio interviews including appreciative inquiry, digital recording and editing.
- ▶ Student compiled clips from their interviews into montage "Stories of Value."
- ▶ At the end of the summer, they presented a showcase to an audience for the first time.

For the Story Corp program, see CD. For more information,
contact Larry Hurtubise at Larry.Hurtubise@osumc.edu



Medical Education Across the Continuum

Technology

LEADERSHIP BLOG

- ▶ The goal is to create a tool that will allow leaders at the OSU College of Medicine to share best educational practices in leadership with colleagues across the country.
- ▶ The personality and views of Leadership are shared through a blog.
- ▶ Features unique students/faculty/staff and programs.
- ▶ Distinguished from other newsletters that are more announcement-oriented.
- ▶ Creates interactive and collaborative dialog on health education issues.

For more information, see handout or contact
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Medical Education Across the Continuum

College Web Site

LEADERSHIP BLOG

- ▶ Identify ways to improve the OSU College of Medicine Web site's design, layout, copy, navigation and appeal to prospective medical students, prospective residents and fellows and alumni as a recruiting/donation tool.
- ▶ Best practice observations from the site reviews fell into these categories:
 - Consistency
 - Ability to self-select
 - Clarity of audience
 - Clean appearance
 - Personalization
 - Searching/Search engines
- ▶ Ties in well with the Medical Center brand identity.



For more information, see handout or contact
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