MISSION:

The CMU College of Medicine will prepare diverse, culturally competent physicians focused on improving access for all to high quality health care in Michigan with an emphasis on rural and medically underserved regions. Our graduates will aspire to excellence in providing patient-centered and evidenced-based care to their patients and their communities. We will engage physicians in leading health care transformation, lifelong learning and team-based education.
Since our inception in 2008, Central Michigan University’s College of Medicine has made significant progress in meeting our mission. The curriculum is well-established, and a new, state-of-the-art building in Saginaw is operational, supporting learner instruction as residents continue their education and medical students as they complete clinical rotations.

Applications to our program have grown year after year, approaching 5,000 applicants per year. I am proud that 15% of our Class of 2020 consists of students who are underrepresented in medicine (URM), which is well above the national average of 10%. During the recent Liaison Committee on Medical Education (LCME) provisional site visit, the site team commended the university and the college on the significant strides made in meeting our goals. We are hopeful to advance to provisional accreditation (the final step before full accreditation) in fall 2016.

As our class size has increased, so has our network of volunteer community-based teaching faculty. We are thankful to those physicians and hospital partners who support clinical rotations for our students throughout the state of Michigan. The Saginaw medical community, including Covenant HealthCare and St. Mary’s of Michigan, has embraced our students and continues to provide opportunities for our learners to succeed. In addition to our Saginaw and regional partners, 12 of our students each year complete clinical rotations at our branch campus, St. John Hospital and Medical Center in Detroit.

New leadership, hard work and a team effort helped to ensure all five residency programs at CMU Medical Education Partners – our graduate medical education and clinical arm – achieved Accreditation Council for Graduate Medical Education (ACGME) accreditation. All programs achieved a 100% match rate for the 2015-2016 academic year.

As I finish my first year as Dean of the College of Medicine, I am thankful for the support of the CMU administration and grateful for our wonderful team of faculty and staff, and I look forward to our inaugural class commencement on May 7, 2017. Much has been accomplished, and there is much more to be done. I will be glad to share our forthcoming achievements with you as we head toward a very bright future.

George E. Kikano, M.D.
Dean, CMU College of Medicine
During the 2015-2016 academic year, Academic Affairs continued to move forward with creation of a Year 4 curriculum, improvement and expansion of the first two years, and development of clinical training sites. This all was completed with the knowledge that the Liaison Committee on Medical Education (LCME) would be visiting in May. The year, including the LCME visit, was a highly successful one.

Our Year 1 and Year 2 curriculum is innovating how we teach medical science. We are changing the paradigm for the use of case-based learning (CBL) by using CBL complemented with team-based learning (TBL). Throughout the Organ Systems courses, our students first meet in small groups and work through a clinical case as a means of learning the basic sciences in a clinical context. The TBL that follows the case acts as an immediate assessment of the students’ learning and allows faculty to proactively address gaps and potential misconceptions. As part of this innovative approach, we are piloting a student evaluation tool for our CBL/TBL sessions. With this evaluation, course teams receive targeted feedback on their cases and accompanying TBL sessions to aid in their continued development.

Due to the increase and progression of clinical students, identification and development of new clinical education sites has been a priority for the past year. Activities have involved identifying and scheduling Comprehensive Community Clerkship (CCC) students into 11 in-state regions, 22 communities, 48 health care institutions/practices and 66 primary physician preceptors in the course of a year.

After receiving a record 4,854 applications during another successful admissions cycle, the college will welcome 104 students in August 2016; 77% of them are from Michigan.

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<tr>
<td><strong>Class size</strong></td>
<td>64</td>
<td>104</td>
<td>104</td>
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<td><strong>Total applicants</strong></td>
<td>2,765</td>
<td>3,007</td>
<td>4,603</td>
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<td><strong>In-state applicants</strong></td>
<td>1,131</td>
<td>1,196</td>
<td>1,307</td>
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<td><strong>Interviews (MMI)</strong></td>
<td>332</td>
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<td><strong>In-state students enrolled</strong></td>
<td>57</td>
<td>95</td>
<td>80</td>
</tr>
<tr>
<td><strong>Female students</strong></td>
<td>58%</td>
<td>48%</td>
<td>48%</td>
</tr>
<tr>
<td><strong>Male students</strong></td>
<td>42%</td>
<td>52%</td>
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While we are a newly developing College of Medicine with an evolving research program, we have nevertheless established a core research agenda.

In the area of basic and translational research, the College of Medicine’s state-of-the-art laboratories are designed to conduct biomedical research in an open-concept collaborative environment. Three College of Medicine faculty have laboratories in the Health Professions Building as part of the very successful neuroscience program, which studies stem cell treatments for neurodegenerative diseases and brain trauma. One College of Medicine faculty member studies dengue and Zika virus transmission.

We have renewed our effort to promote a collaboration of investigators from both the Mount Pleasant campus and CMU Medical Education Partners in Saginaw that will engage our students and residents in clinical and health services research. We are eager to realize our mission by establishing and developing a community health services research program aimed at integrating students and faculty into research dedicated to understanding and improving health care in rural and medically underserved environments.

Training students in research is an important part of our mission, and as we move forward, all students will be exposed to a research experience. To support this endeavor, the College of Medicine has developed the Summer Research Scholars Program, which provides stipend support for medical students to engage in research with a College of Medicine faculty member during the summer months. Many of these students have presented the results of their research locally as well as at regional and national scientific meetings, providing them with an exciting research experience.

As we move forward, the aim of the College of Medicine is to continually seek collaborative opportunities to encourage and facilitate the development of a sustainable research strategy within our present research team while building a program in health services research consistent with advancing our mission of improving health care in rural and medically underserved environments.
The goals of the faculty professional development programs in the Central Michigan University College of Medicine are threefold:

- Enhance the overall quality of medical education
- Develop and sustain CMU College of Medicine leaders
- Advance faculty careers

To support those goals, the College of Medicine Faculty Development Office offers a variety of training opportunities, individual consultations and resources focused on education, leadership, research and career development to all College of Medicine faculty.

Events are held throughout the year on scholarship, promotion and tenure, leadership, teaching and learning, and diversity. In addition, workshops and online resources are provided for specific groups within and beyond the College of Medicine, such as faculty, residents, program directors, clerkship/course directors and community clinical sites.

Selected examples of 2015-2016 programs and topics include:

- **Scholarship series** – Medical Education Research Certificate (MERC) workshops sponsored through the Association of American Medical Colleges (AAMC)
- **Teaching & Learning series** – team-based learning; anatomy of a flipped classroom; using technology to teach; feedback to learners
- **Program Director series** – learner mistreatment; learning styles and teaching strategies for residents
- **Diversity series** – unconscious bias in everyday life; Safe Zone training

Through a generous endowment from The Dow Chemical Company Foundation, we were able to create an Office for Faculty Advancement and Leadership on the Mount Pleasant campus. The office develops and coordinates yearlong activities, providing speaker programs, on-site resources and individualized advising services for professional and voluntary medical educators. There are three major program components: the Faculty Leadership Speaker Series, support for CMU’s Health Systems Leadership Graduate Certificate Program and support for participation in nationally recognized leadership programs in academic medicine.

Ongoing program opportunities can be seen on our website at [www.cmich.edu/colleges/cmed/AboutUs/Faculty/Pages/FacultyDevelopment.aspx](http://www.cmich.edu/colleges/cmed/AboutUs/Faculty/Pages/FacultyDevelopment.aspx).
CMU Medical Education Partners has a long-standing commitment to graduate medical training (GME) since our first program started in 1947, and this year continues the trend of exciting developments. Our two newest programs, Psychiatry and Emergency Medical Services (EMS), received full accreditation from the Accreditation Council for Graduate Medical Education (ACGME), joining our other four residency programs – OB/GYN, Family Medicine, Internal Medicine and Emergency Medicine – in maintaining the highest standards for training 100 residents. We have considerably grown our simulation opportunities through the development of a Simulation/Education Fellowship, educating physician trainees in the latest standards of high-tech educational processes. In addition, we have begun modernizing the space at our clinics, opened a new specialty clinic in Endocrinology and expanded our surgical offerings to include Surgical Oncology. We have witnessed substantial growth in our external relationships, including establishing a partnership with the Saginaw Valley State University Sports Medicine Clinic and supporting our new Psychiatry training program with MidMichigan Medical Center - Gratiot and HealthSource Saginaw.

Through a series of seminars for all residents, we have shown our strong support for teaching patient safety and quality improvement. Our very successful Clinical Learning Environment Review (CLER) audit, conducted by ACGME, demonstrated our commitment to these principles and showcased some of the best practices in the field of resident education.

One of the greatest benefits of the Saginaw area is the large and varied patient population seen in our two partner institutions, Covenant HealthCare and St. Mary’s of Michigan. As the primary referral hospitals for patients from mid-Michigan and northeastern Michigan, these hospitals offer an unmatched breadth of patient experience. With the hundreds of committed community-based and employed educators guiding our residents, our physician trainees receive advanced specialty training that continues to make CMU Medical Education Partners an outstanding institution for patient care and residency training programs.
Your support makes a difference.

As we diligently strive to address Michigan’s physician shortage by preparing future physicians to provide quality health care, your financial contribution can help. Learn more at www.cmich.edu/colleges/cmed/Giving.
STUDENT SPOTLIGHT

ASHLEY SCHUMAKER
Committed to the well-being of underserved areas

Ashley Schumaker, of Allegan, Michigan, is the third-ever CMU College of Medicine student to earn a national four-year, full-ride scholarship from the National Health Service Corps that will cover her medical education costs.

Nearly 1,850 students across the country pursuing careers in primary health care professions in underserved areas applied for 190 scholarships from the NHSC. Fewer than 60 scholarships went to medical school students.

Schumaker, who earned her undergraduate degree at CMU, has committed to providing one year of service in a medically underserved area for each year of financial support.

“I picture myself always working in an underserved area because I’m so passionate about it,” Schumaker said. “I’m hoping to practice with children whose parents have a hard time getting health care for them.”

ABIGAIL CHRISTIANSEN
Serving Michigan’s migrant workers

Abigail Christiansen, of Maple City, Michigan, has wanted to be a physician since she was little. Her parents even bought her a Fisher-Price doctor kit. Today, she is a CMU College of Medicine student – one of the members of the first class to enter the program.

Christiansen spent her first two years of medical school volunteering at a clinic for migrant workers in Imlay City. Her first clinical rotation as a third-year student connected her with the migrant clinic in Belding.

While in Belding, Christiansen spent evenings traveling to migrant worker camps to perform health screenings – your basic old-fashioned house call.

“The male workers were unable to leave their jobs during clinic hours, another complexity of serving this critically underserved population,” she said. “So we would visit their camps to deal with their health needs.”
DELIVERING MEDICAL CARE TO PATIENTS RANGING FROM D-DAY SURVIVORS TO BABIES

After two years of classroom education, CMU College of Medicine student Brett Pierce, of Frankenmuth, Michigan, began his clinical rotations in 2015-2016. His first assignment took him to the Veterans Affairs Hospital in Saginaw.

“I have so much respect for our veterans and active military men and women, so having the opportunity to work with them was very gratifying,” said Pierce, a member of the first class to enter CMU’s medical education program. “Just being able to hear their stories about how their service impacted their health and their financial situation is really valuable for a medical student.”

Pierce provided medical services ranging from urology and urgent care to psychiatry and primary care.

In addition, Pierce completed an assignment with Hills & Dales General Hospital in Cass City, focusing on family medicine and pediatrics.

SHARECASE LLC

ENHANCING TECHNOLOGY FOR CASE-BASED LEARNING

CMU College of Medicine students Craig Thomas, of Clarkston, Michigan, and Nicholas Cozzi, of Mokena, Illinois, joined forces with CMU alumnus Philip Zerull to form ShareCase LLC and create a new technology platform for highly customizable case-based learning in medical schools.

The trio competed against more than 20 other teams in CMU’s 2016 New Venture Competition, pitching their business idea and financial projections in detail to a panel of 11 judges from the business world. ShareCase LLC was named Best Overall in the competition, winning $30,000 in funding for the business.

“ShareCase provides the only end-to-end case-based learning platform that is flexible, user-friendly and built with simplicity in mind,” according to www.sharecasemed.com. “Performance data is continuously captured, allowing educators to ensure students are mastering content.”