

CMU Family Medicine Department & Saginaw Schools Partnership

Enhancing Healthcare Career Exposure, Hands-On Learning, Mentorship & Job Shadowing

Overview:

The Saginaw Schools are partnering with the CMU Family Medicine Department to provide students with engaging healthcare career exploration, hands-on science experiences, mentorship and job shadowing opportunities. This initiative aims to foster student interest in the medical field through structured mentorship, discussions, lab activities, and real-world exposure to healthcare environments.

Key Partner:

Amandeep Dhaliwal, MD

Program Director

Assistant Professor of Medicine

Department of Family Medicine

Program Highlights:

- **Hands-on Lab Experiences:**
 - Faculty and resident doctors collaborate with SPSD teachers to deliver interactive lab sessions.
 - Labs are designed to reinforce biology curriculum and provide real-world applications.
 - SASA's four science labs ensure broad student participation.
- **Career Mentorship & Discussions:**
 - Open forums with healthcare professionals to discuss medical career pathways.
 - Small group discussions for personalized mentorship.
 - Targeting concentration & general science classes while offering mentorship for advanced students interested in the medical field.
- **Job Shadowing Opportunities:**
 - Select students will have an opportunity to participate in job shadowing and observe professionals in real-world settings at CMU Family Medicine clinics.
 - Exposure to real-world medical environments and insights into the day-to-day responsibilities and challenges to inspire future healthcare professionals.
 - Opportunity to be in the clinic, hospital floors, emergency departments or in surgery in some cases. Students will have no hands-on care with the patients.
 - Students can shadow up to two days total.

Implementation Plan:

- **Saginaw Arts & Science Academy (SASA): 3115 Mackinaw St.**
 - Bi-Monthly hands-on lab experiences w/CMU Faculty & Resident doctors.
 - Separate monthly Healthcare Career Discussion with CMU Faculty and Residents for 9th-12th grade.
 - Rotating resident participation with consistent faculty participation & oversight.
- **Saginaw United High School: 1903 N. Niagara St.**
 - Career discussions and mentorship opportunities grades 9th-12th.
 - Future expansion of hands-on lab experiences & Job Shadowing 2025-2026.

Tentative Schedule:

- **February:** Hands-on lab experience (Biology/Physics/Anatomy Physiology courses) for SASA 9th/10th & 11th/12th grade students; Concentration. (Dissect Cow Eye-Remove Lens 2hr Lab Experience)
- **March:** CMU Medical Faculty & Resident Open discussions. Location: gymnasium. Target: 9th-12th grade students, discussion careers in healthcare for SASA.
- **Mandatory Meeting:** Students Participating in Job Shadowing Orientation for Select Students.
- **April:** Hands-on lab experience (Biology/Physics/Anatomy Physiology) for SASA 9th/10th & 11th/12th grade students; Concentration class.
- SASA Students Participating in Job Shadowing
- **May:** CMU Medical Faculty & Resident small group discussions on healthcare careers for Saginaw United students 9th-12th.
- SASA Students Participating in Job Shadowing

Expected Impact:

- Increased student engagement, reinforcing classroom learning and foster excitement to pursue careers in healthcare fields.
- Stronger mentorship connections between students and medical professionals.
- Greater access to real-world healthcare experiences, fostering career aspirations.

A Vision for the Future:

This partnership represents a transformative opportunity for Saginaw Public School students to connect with leading healthcare professionals, gain invaluable hands-on experience, and ignite a passion for medical careers. By providing mentorship, exposure, and real-world applications, we are not only expanding educational horizons but also shaping the future of healthcare. Together, we are empowering the next generation of medical professionals, fostering curiosity, and creating pathways to success. This collaboration is more than just an initiative—it is a commitment to excellence, innovation, and the boundless potential of our students.