



College of Osteopathic Medicine
SAM HOUSTON STATE UNIVERSITY

Element 8.1: Research and Scholarly Activity Strategic Plan

- **8.1-1 Supporting Documentation**
 - SHSU-COM Research and Scholarly Activity Strategic Plan – [link](#)

Research and Scholarly Activity Strategic Plan

Sam Houston State University (SHSU) has a long-standing commitment to address workforce needs in Texas. Recognizing the shortage of physicians in rural communities, the College o

- Expand opportunities such as the Colleagues

- Provide support and guidance on

- Establish a mentorship program that pairs students with faculty members who have experience in research and can provide guidance and support throughout the research process.
- Provide resources and support for students to conduct research, including access to equipment and funding opportunities.

Measurement:

- Number of student-led research projects initiated and completed.
- Number of student publications and presentations resulting from research projects.
- Participation and engagement in Student Research Day.
- Participation and engagement in clerkship research elective.

Strategy 2.4: Promote dissemination of scientific ideas.

Objective: To support students' participation in regional, national, and international conferences and facilitate the dissemination of scientific ideas.

Tactics:

- Allocate sufficient funding for the Student Travel Award Program to cover travel expenses for selected students attending national conferences.
- Develop a selection process for students to apply for the travel award.
- Provide abstract and manuscript writing workshops to facilitate the completion of manuscripts based on student research involvement.

Measurement:

- Number of students who received the travel award and attended national conferences.
- Number of publications and presentations resulting from the Student Travel Award Program.
- Feedback from students on the effectiveness of the manuscript writing workshop.

Goal 3. Infrastructure: Elevate Reputation and Visibility

Investing in infrastructure is crucial for the success of any Research Program. At the College of Osteopathic Medicine, we are committed to fostering a culture of scientific inquiry by providing a robust research infrastructure that meets the needs of our faculty, staff, students, and service community.

Strategy 3.1 *Recruit, develop, and retain*

- Monitor faculty and staff needs through regular surveys and feedback mechanisms.
- Measure the impact of research talent on the organization's research productivity and outcomes, such as grant funding, publications, and awards.

Strategy 3.2: *Provide laboratory personnel, training, space, and equipment required to meet the faculty, staff, and student research needs.*

Objective: To ensure that the College of Osteopathic Medicine provides adequate laboratory support to facilitate research activities.

Tactics:

- Assess current laboratory personnel, space, and equipment to identify areas where additional personnel, space, or equipment may be needed to support current and potential research activities.
- Hire and train additional laboratory personnel as necessary.
- Maintain existing laboratory equipment, and upgrade as necessary.
- Provide a current record of the location and availability of shared equipment and supplies.
- Develop and implement laboratory safety protocols and procedures.
- Monitor laboratory use and ensure efficient allocation of resources.

Measurement:

- Number of laboratory personnel hired and trained.
- Upgrades made to existing laboratory equipment.
- The number of laboratory safety protocols and procedures developed and implemented.
- Increase in research activity facilitated by laboratory support.

Strategy 3.3: *Expand the administrative personnel and support to meet the growing research needs of a*

Strategy 3.4: *Develop meaningful community partnerships to impact the COM's research on its service community.*

Objective: To establish collaborative relationships with community partners to enhance the impact of research on the service community.

Tactics:

- Collaborate with the University Shared Services in developing community partnerships.
- Conduct surveys with community partners to evaluate research interests, ongoing research projects, and potential shareable resources (equipment) and services.
- Organize quarterly meetings with interested community partners to facilitate interaction and collaboration.
- Maintain documentation of intramural and extramural grants with community partners.

Measurement:

- Number of community partnerships established and sustained over time.
- Feedback from community partners regarding the effectiveness and impact of the partnership.
- Number of joint research projects or initiatives with community partners.
- Number and amount of intramural and extramural grants with community partners.

Goal 4. Innovation in OMM: Expand and Elevate Service

At The heart of our curriculum and mission are the four tenets of Osteopathic Medicine; therefore, we

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