



Submission 8.1-1 Research and Scholarly Activity Strategic Plan: Provide a copy of the COM's research and scholarly strategic plan.

RESEARCH STRATEGIC PLAN

Background:

Biomedical research is a critical component of medical education and includes fundamental studies at the bench, translational research, population studies, education, ethical and humanities studies, and clinical research, including OMM and OPP research. All of these research efforts greatly strengthen the education of medical students and residents preparing for independent practice.

Mission:

The RVU Department of Research is committed to developing a research culture that strengthens our undergraduate and graduate medical education programs and prepares physicians for enhanced practice. The Department of Research Strategic Plan directly aligns with the University's Mission and Core Values as described in the Strategic Plan Overview, specifically focusing on three Goals:

Domain 1: Academics | Goal 3: Research

- i. Strategy 3.a. Promote translational, educational, and clinical research
- ii. Strategy 3.b. Augment curricular improvement through research and scholarly activity
- iii. Strategy 3.c. Advance faculty and student research opportunities

Domain 3: Growth | Goal 7: Fiscal and Academic Health

- i. Strategy 7.b. Cultivate synergistic partnerships with other universities, employers, and health care systems

Domain 3: Growth | Goal 8: Synergy

- i. Strategy 8.a. Create organizational synergies across educational, financial, accreditation, and research domains

The research strategy also includes the development of a required mentored scholarly activity/research (MSAR) experience for all RVUCOM students. A research focused course coordinated by the Associate Dean/Curriculum and the Director of Research will provide students the necessary skills to develop a research question, carry out the appropriate methodology, and evaluate the outcomes. These objectives will require instruction in biostatistics, research design, basic research methodologies, grant writing, and ethical considerations of research.

Department Goal	Specific Actions or Initiatives	Measures of Success	Outcomes or Results	Resources, Support, Information, etc.	University goal(s) and Strategies	Progress / Status
<p>Goal 1: Develop a culture of research and scholarly activity in the areas of translational educational, and clinical research</p>	<ol style="list-style-type: none"> 1. Establish the Office of Research with a F/T Director 2. Develop a Grants Office 3. Develop a Virtual Research Lab 4. Revise the RVU Website so that research is highlighted and valued within the University 5. Develop / Revise existing research policies for faculty and students to encourage and facilitate research by faculty and students 6. Departments negotiate protected time for research as reflected in faculty contracts 7. Increase funding for intramural grants 8. In conjunction with the Office of Compliance, establish policies and procedures for extramural grants 9. Hire a full-time Faculty / statistician to teach and mentor students and faculty 	<ol style="list-style-type: none"> 1. University organizational chart reflects the existence of the Office of Research with a F/T Director by January 1, 2019 2. Development of a Grants Office by January 2019 3. Increased affiliate sites for faculty and student research by 15% 4. Revise research website completed by January 1, 2019 5. Policies and procedures for extramural grants in place by January 1, 2019 6. Increase in poster and oral presentations by 10% 7. Increase published manuscripts by 5% 8. Increase extramural grant submissions by 5% 	<ol style="list-style-type: none"> 1. Enhance graduate residency placement / match opportunities 2. Increase graduate qualifications and employment opportunities 3. Attract and retain more qualified students 	<ol style="list-style-type: none"> 1. COCA standards on research and scholarly activity 2. Faculty position for statistician 3. Increase intramural grant budget from \$30,000 to \$50,000 in the next fiscal year 4. Create a faculty position for statistics and research methodology that would serve both COM campuses, the PA program, and MSBS program by June 2019 5. Full-time Director 	<ol style="list-style-type: none"> 1. Goal 3: Research, strategy 3.a, 3.b, 3.c 	

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Goal 2: Improve student performance on USMLE Step 1	1. Develop an integrated research curriculum for years 1 and 2 2. Hire appropriate faculty to teach in the research curriculum 3. Develop research electives in each program of the University 4. Ensure syllabi, assessments and outcomes in relevant courses reflect direct alignment with topics on USMLE	1. Implementation of the integrated research curriculum by July 2019 2. Research electives approved by June 2019 3. Increase research sites in the virtual research lab by 5% 4. Improved pass rates on USMLE Step 1 by 5% 5. All syllabi and assessments updated by July 1, 2019	1. Increase graduate opportunities for allopathic matches to increase student performance, therefore persistence and completion	1. Hire a faculty / statistician by June 2019	1. Goal: Research, Strategy 3.b	
Goal 3: Advance Faculty and Student Research Opportunities	1. Establish community research partners for transitional and clinical research for students and faculty i.e. the virtual research lab 2. Increase the number of research mentors for faculty and research 3. Increase funding for intramural grants 4. Develop policies and process for obtaining extramural grants 5. Build MSAR program	1. Increase in the number of available research sites for faculty and students by 10% 2. Increased number of research mentors for research by 15% 3. Increased faculty / student research participation at established research sites by 5% 4. Increase in the number of submitted extramural grants by 5% 5. Increase in the amount of research productivity as measured by posters, presentations, and peer-reviewed publications by 15%	1. Enhance faculty career opportunities and development 2. Increase faculty job satisfaction 3. Expand student career opportunities	1. Funding for virtual research lab 2. Hire F/T grants coordinator	1. Goal 7: growth strategies 7.b 2. Goal 8: synergy, strategy 8.a	