

## RESEARCH STRATEGIC FRAMEWORK ACTION PLAN

**(2) GOAL: Advance research, innovation and discovery to improve health and solve the medical challenges of today and the future.**

**(a) OBJECTIVE:** Develop and train scientists who will contribute new knowledge in the biomedical sciences, with a focus on cell and molecular biology and osteopathic principles, through creative and collaborative research and scholarship.

**(i) OUTCOME:** Increase the quality and quantity of the student applicant pool both from NJ and nationally.

### 12 MONTH ACTION ITEMS

<b>ACTION ITEM 1:</b> Develop a new on-line application for doctoral and masters programs using the Slate application software and tracking system					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	7/15/2019	12/21	University central application services – Jeff Hand	New application created, debugged and functional by 9/15/19	On track
NOTES:	Met several times with central application services regarding implementation of the Slate application solution and provided GSBS-specific information. They were not able to meet the timeline of September 2020; implementation will have to be delayed for the next application cycle – September 2021, new goal to complete prior to Sept 2021.				

<b>ACTION ITEM 2:</b> Increase webpage traffic and google search visibility to GSBS webpage					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	8/15/19	12/21	Marketing	Increased web views and higher google visibility	On track
NOTES:	GSBS website completed Sept. 2020. Working with Marketing now for website search engine optimization.				

**(2) GOAL: Advance research, innovation and discovery to improve health and solve the medical challenges of today and the future.**

**(a) OBJECTIVE:** Develop and train scientists who will contribute new knowledge in the biomedical sciences, with a focus on cell and molecular biology and osteopathic principles, through creative and collaborative research and scholarship.

**(ii) OUTCOME:** Increase the number of students in RowanGSBS while maintaining the quality of education.

### 12 MONTH ACTION ITEMS

<b>ACTION ITEM 1:</b> Enhance recruitment and marketing efforts for all GSBS graduate programs					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	9/20	12/21	GSBS Program Admissions and recruitment committees will develop program specific recruitment & marketing strategies	Increase the number of first year matriculated students by 10% for Fall 2021.	On track
NOTES:	Additional recruiting events have been added to the schedule. Recruiting and admissions interview visits for applicant finalist in the CMB program have been restructured to offer the applicants a more positive and interactive experience with current students, faculty and the admissions committee.				

<b>ACTION ITEM 2:</b> Create a GSBS Society of Research Scholars for recruitment of highly competitive PhD student applicants.					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	9/1/19	12/21	Funds for scholarship/supplement for Research Scholars	Recruit two (2) Research scholars by Fall semester 2021	On track
NOTES:					

<b>ACTION ITEM 3:</b> Recruit additional staff member for CTL to provide tutoring support for GSBS students					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	9/2020	12/21	Budget	Hire of new CTL staff for GSBS support	On track
NOTES:					

**(2) GOAL: Advance research, innovation and discovery to improve health and solve the medical challenges of today and the future.**

**(a) OBJECTIVE:** Develop and train scientists who will contribute new knowledge in the biomedical sciences, with a focus on cell and molecular biology and osteopathic principles, through creative and collaborative research and scholarship.

**(iii) OUTCOME:** Increase the number and quality of master's and certificate level programs aligned with university and workforce research needs.

#### 12 MONTH ACTION ITEMS

<b>ACTION ITEM 1:</b> Launch new Master of Science in Anatomical Sciences program in GSBS (M.S. and Certificate)					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	4/1/19	12/21	University Board of Trustees and state of NJ approval required;	Program approved and launched by fall of 2021	On track
NOTES:	COVID initially delayed. Certificate approval will be launched first. Pre-approval by subcommittee of Board of Trustees was granted; GSBS Executive Council approved in January 2020. An outside consultant has been engaged for program review as required for NJ state and university approval; this program review/evaluation will occur in the Spring 2021.				

**(2) GOAL: Advance research, innovation and discovery to improve health and solve the medical challenges of today and the future.**

**(b) OBJECTIVE:** Serve as the premier center for biomedical, clinical and educational research in South Jersey.

**(i) OUTCOME:** Achieve \$30M in funded research grants / sponsored projects.

**12 MONTH ACTION ITEMS**

<b>ACTION ITEM 1:</b> Submit an increased extramural grant applications and contracts					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	6/20	12/21	Requires continued support of the Office of Sponsored Programs	Volume and value numbers are 10-15% higher than June 30, 2020.	On track
NOTES:					

<b>ACTION ITEM 2:</b> Receive increased extramural grants and contracts					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	6/20	12/21	Requires continued support from the Postaward Office.	Dollar amount of extramural grants and contracts received is 10-15% more than June 30, 2020.	On track
NOTES:					

**12 MONTH ACTION ITEMS**

<b>ACTION ITEM 1:</b> Establish and equip a basic science research laboratory on the second floor of the RownSOM Academic/Clinical Building on the Sewell Campus					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	4/1/19	7/21	Budget approved for purchase of laboratory equipment.	Equipment ordered, delivered and installed by 7/1/21	On track
NOTES: A fully equipped laboratory (800-900 sq. feet) will contain a Becton Dickinson FACS Cell Sorter, a Keyence Fluorescence Microscope, freezers, refrigerators, centrifuge, etc. for use by basic science faculty either based or spending significant time on this campus.					

**(2) GOAL: Advance research, innovation and discovery to improve health and solve the medical challenges of today and the future.**

**(b) OBJECTIVE:** Serve as the premier center for biomedical, clinical and educational research in South Jersey.

**(ii) OUTCOME:** Recruit, support and retain funded researchers committed to our mission and to the growth of the research enterprise.

**12 MONTH ACTION ITEMS**

<b>ACTION ITEM 1:</b> Recruit one (1) new funded research faculty in the Department of Cell Biology and Neurosciences.					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	6/20	6/22	Faculty Affairs, Human Resources, Dean's Office, CFO	Faculty members on board and grants transferred and active at Rowan University.	On track
NOTES:					

<b>ACTION ITEM 2:</b> Recruit new faculty clinical researcher for joint appointment between NJISA & Cell Biology/Neuroscience					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	6/20	6/22	Faculty Affairs, Human Resources, Dean's Office, CFO	Hired by 2/22	On track
NOTES:					

<b>ACTION ITEM 3:</b> Recruit two (2) new funded research faculty in the Department of Molecular Biology.					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	4/1/19	6/22	Faculty Affairs, Human Resources, Dean's Office, CFO	Faculty members on board and grants transferred and active at Rowan University.	On track
NOTES:					

**(2) GOAL: Advance research, innovation and discovery to improve health and solve the medical challenges of today and the future.**

**(b) OBJECTIVE:** Serve as the premier center for biomedical, clinical and educational research in South Jersey.

**(iii) OUTCOME:** Demonstrate the impact of Rowan Research on health outcomes and quality of life in New Jersey.

**12 MONTH ACTION ITEMS**

<b>ACTION ITEM 1:</b>					
Have at least one research feature story per quarter in local print, news or on-line media.					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	6/2020	12/21	Rowan University marketing department	Four research stories will appear in news media during the evaluation period.	<b>YELLOW</b>
NOTES:	At least one research/funding related story has been featured.				

**(2) GOAL: Advance research, innovation and discovery to improve health and solve the medical challenges of today and the future.**

**(c) OBJECTIVE:** Enhance and support a culture of curiosity and inquiry throughout RowanSOM and Rowan GSBS.

**(i) OUTCOME:** Develop and implement a research course for all RowanSOM students and increase opportunities for student research.

**12 MONTH ACTION ITEMS**

<b>ACTION ITEM 1:</b>					
Ensure sustaining Medical Scholarship curriculum and student research/independent study projects through providing adequate number of faculty members.					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	9/20	12/21	Adequate number of faculty mentors		GREEN
NOTES:					

<b>ACTION ITEM 2:</b>					
Expand the number of summer medical research fellowship (SMRF) stipends and mentors					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	6/20	5/22	SOM, donors, New Jersey Health Foundation, HCOP grant	Increase the number of stipends and mentors by 20%.	GREEN
NOTES:					

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**(c) OBJECTIVE:** Enhance and support a culture of curiosity and inquiry throughout RowanSOM and Rowan GSBS.

**(ii) OUTCOME:** Establish a research program in all GME residency programs that meets the requirements for ACGME.

**12 MONTH ACTION ITEMS**

<b>ACTION ITEM 1:</b>					
Collect current needs assessment for residency program research requirements for ACGME from Program Directors.					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	6/20	12/21	Consultation with GME Program Directors and ACGME guidelines.	Full list of needs requirements per program	YELLOW
NOTES:	Need to determine what is needed to satisfy each residency research requirement				



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**(c) OBJECTIVE:** Enhance and support a culture of curiosity and inquiry throughout RowanSOM and Rowan GSBS.

**(iii) OUTCOME:** Increase faculty engagement in research, scholarly activity and mentorship.

12 MONTH ACTION ITEMS

<b>ACTION ITEM 2:</b> Make research productivity, scholarly activity and mentorship an important consideration in faculty evaluations and recommendations for promotion.					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	6/20	12/21	Revised Faculty evaluations to include requirement of mentorship and scholarly activity.	Revised faculty evaluation form	On track
NOTES:					

<b>ACTION ITEM 1:</b> Include faculty-mentorship as an evaluation criteria in faculty evaluations and recommendations for promotion.					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	7/1/19	12/21	Revised Faculty evaluations to include requirement of mentorship and scholarly activity.	Revised faculty evaluation form	On track
NOTES:					

**(2) GOAL: Advance research, innovation and discovery to improve health and solve the medical challenges of today and the future.**

**(c) OBJECTIVE:** Enhance and support a culture of curiosity and inquiry throughout RowanSOM and Rowan GSBS.

**(iv) OUTCOME:** Promote interdisciplinary and collaborative research by enhancing relationships with other Rowan Universities and campuses.

**12 MONTH ACTION ITEMS**

<b>ACTION ITEM 1:</b> Increase RowanSOM faculty participation in the 2020-2021 cycle of the Camden Health Research Initiative.					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	7/1/19	6/30/20	Request for Applications (RFA) for the Fall 2019 Camden Health Research Initiative should encourage applications involving collaborative research.	Last year four (4) faculty participated in grant submissions; get six (6) to eight (8) faculty to participate in the 2019-2020 cycle.	BLUE
NOTES:	RowanSOM faculty submitted 7 applications with 38 collaborating investigators from other colleges of Rowan University for the Camden Health Research Initiative in September 2019.				

<b>ACTION ITEM 1:</b> Collaborate with the University on planning of the Neuroscience Institute					
LEAD	START	END	RESOURCES	METRIC / DEFINITION OF SUCCESS	STATUS
	12/20	12/21	Evaluation of potential institute and planning of implantation	Finalized proposal for framework of institute	On track
NOTES:					

BLUE	GREEN	YELLOW	RED
Completed	On track	Off track, but plan exists to get back to green	Significantly off track / corrective action needed