

BURRELL Research Advisory Council Meeting (via Video/Electronic Conferencing)

December 10, 2021, 1:00 p.m.

Members Present:		Joseph Benoit, PhD (Chair) (Left at 3:12PM), Pedro Del Corral, MD, PhD, Adrienne Kania, DO, Norice Lee, MLIS (Left at 2:44 PM), Harald Stauss, MD, PhD, Gabor Szalai, PhD, Michael E. Woods, PhD (ex-officio), Kalli Martinez, MS (ex-officio)			
Members Absent:		Adela Lente, MD (ex-officio), David Osborne, PhD (ex-officio), Erin Palazzolo, MLIS (ex-officio), Jennifer E. Taylor, (ex-officio), Walker Toohey, OMSI			
Other Attendees		Martha Enriquez (Recording Secretary)			
Item	Topic/Agenda	Discussion	Recommended Action	Responsible Person(s)	Actions/Follow-Up
I.	Call to Order				
	1:10PM				
II.	Approval of Minutes				
	October 8, 2021	The meeting minutes from October 8, 2021, were unanimously approved.	APPROVED		
III.	Announcements and Updates				
	ORSP Update	<p>Dr. Benoit gave a brief ORSP update</p> <ul style="list-style-type: none"> All research SOP's have been updated and filed. There are four finalists in the Student Researcher of the Year competition. Dr. Benoit is working with Student Doctor Toohey and the committee to make a final decision by the end of next week. The Burrell College of Osteopathic Medicine's student researcher of the year candidate will be forwarded for national consideration. AOA grants has opened their call for this year. Deadline for submission is end of January. In the absence of Ms. Erin Palazzolo, Ms. Norice Lee will join us and represent that department in the meantime. 	No Action Required		
	Research Laboratories	<p>Dr. Woods provided the following updates on the research laboratories.</p> <ul style="list-style-type: none"> The capital equipment survey, which seeks requests from faculty, is now open. Please notify Ms. Kalli Martinez if your research schedule changes so she can plan with custodial, if needed. An emergency phone will be installed soon. Ms. Kalli Martinez will be out on leave in January 2022, for a few months. Ms. Martha Enriquez and Dr. Woods will work together to cover the research labs. Dr. Woods and Ms. Kalli Martinez are working on updating the annual chemical inventory with the county. 	No Action Required		
	Student Research	<p>Dr. Stauss provided the following updates on Student Research.</p> <ul style="list-style-type: none"> The Distinction in Research is moving forward. 	No Action Required		

		<ul style="list-style-type: none"> • The first meeting of the Distinction in Research program was a success. • Dr. Stauss will start contacting faculty members to see if they want to serve on the faculty advising committee for the distinction students. 			
IV.	Old Business				
	None				
V.	New Business				
	Student Research Support Fund Request	<p>The council reviewed the Student Research Support Fund submitted by Student Doctor Darlene Diep.</p> <ul style="list-style-type: none"> • The request indicates that the research study will involve human subjects, therefore requires IRB approval. • The students must fill out the "Request to Participate in Research" form. <p>Dr. Stauss moved to DEFER the request and contact the Principal Investigator (PI) and students to inform them that they will require an IRB approval letter and the students must complete the "Request to Participate in Research" form. Dr. Benoit amended the motion to include that Dr. Stauss will be responsible for informing the PI and students of this information. Once the researchers provide the required information, the request will be reconsidered for funding and brought back to RAC for a final decision. Norice Lee seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> • 8 For • 0 Against • 0 Abstention 	DEFERRAL		
	<p>2022 Summer Research Experience Applications</p> <p>Adrienne Kania, DO: Harald M. Stauss, MD, PhD: Optimization of splenic pump to induce translocation of immune cells from the spleen to the systemic circulation</p>	<p>The council reviewed the Faculty Summer Research Experience Applications and a determination to approve or disapprove the project was made. There was a total of 15 applications submitted. The selected projects will be included in a PDF file that students will be able to access.</p> <p>Dr. Woods made a motion to approve the project. Dr. Benoit seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 6 For ○ 0 Against ○ 2 Abstention (Dr. Kania & Dr. Stauss) 	APPROVED		

	<p>Debra Bramblett, PhD: Development of RT-LAMP Assay For detection of Arboviruses in the Context of homogenized Mosquito tissues</p>	<p>Ms. Kalia made a motion to approve the project. Dr. Kania seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 7 For ○ 0 Against ○ 1 Abstention (Dr. Woods) 	APPROVED		
	<p>Harald M. Stauss, MD, PhD: Clinical Efficacy of taVNS in Plaque Psoriasis</p>	<p>Dr. Kania made a motion to approve the project. Dr. Del Corral seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 7 For ○ 0 Against ○ 1 Abstention (Dr. Stauss) 	APPROVED		
	<p>Pedro Del Corral, MD, PhD: Effect of FIO2 on BP responses during and immediately after exercise</p>	<p>Dr. Stauss made a motion to approve the project. Dr. Woods seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 7 For ○ 0 Against ○ 1 Abstention (Dr. Del Corral) 	APPROVED		
	<p>Udit Bhatnagar, MD: Predictors of Diagnostic Yield of Implanted Loop Recorder in Patients With Cryptogenic Stroke: a Systemic Review and Meta-analysis</p>	<p>Dr. Stauss made a motion to approve the project. Dr. Del Corral seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 8 For ○ 0 Against ○ 0 Abstention 	APPROVED		
	<p>Dr. Daniel Kerlinsky: Case Studies in Neurodevelopmental Treatment: Synergy of Osteopathy, Pharmacology and Psychopharmacology in Child Psychiatry</p>	<p>The RAC strongly feels that the Summer Research Experience Program is not the best fit for the project. It was noted in the project description that in-depth clinical knowledge, including osteopathic principles/techniques and pharmacology are needed for the project. The Principal Investigator (PI) also pointed out that the project is designed primarily for pre-clerkship students who rotate on clerkships with him. At this stage of study, the students do not possess the necessary clinical knowledge and clerkship experiences for the proposed project.</p> <p>Dr. Stauss made a motion to send the PI a letter and encourage the PI to pursue this project in a different venue to be more conducive to the specific project. Dr. Kania seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 6 For 	DEFERRAL		

		<ul style="list-style-type: none"> ○ 0 Against ○ 1 Abstention (Dr. Del Corral) 			
	Camilo Mohar, DO: High Fidelity Lateral Canthotomy	<p>Dr. Szalai made a motion to approve the project. Dr. Woods seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 6 For ○ 0 Against ○ 1 Abstention (Dr. Del Corral) 	APPROVED		
	Debra Bramblett, PhD: The SHERLOCK assay, a specific high-sensitivity enzymatic unlocking assay, for virus detection	<p>Dr. Stauss made a motion to approve the project. Dr. Benoit seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 7 For ○ 0 Against ○ 0 Abstention 	APPROVED		
	Jon Jackson, PhD: What's growing in there?	<p>The RAC expressed concerns about the PI's ability to devote significant effort to mentoring students in the Summer Research Program. The PI serves as Director of the Gross Anatomy Laboratory for the Distinction in Anatomy Program. The research project involves identifying microbes using microbiological techniques, including bacterial cultures. The experiments will require substantial laboratory work to be conducted at the Burrell Research Laboratory.</p> <p>Dr. Stauss made a motion to send the PI a letter asking for a detailed plan on how he will balance the time commitment to the two concurrent programs. The RAC will review the response and make a final decision on the project. Dr. Kania seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 7 For ○ 0 Against ○ 0 Abstention 	DEFERRAL		

	<p>Kristin Gosselink, PhD: Neurological responses to stress in females: The role of ovarian hormones</p> <p>Pedro Del Corral, MD, PhD: Effects of exercise and transcutaneous auricular vagus nerve stimulation (taVNS) on parasympathetic tone</p> <p>Vanessa De La Rosa, PhD: Endocrine disrupting chemicals and placental dysfunction</p> <p>Nancy Minugh-Purvis, PhD: Fascial attachments of Gluteus minimus: Implications for hip pain of endopelvic origin</p> <p>Jon Jackson, PhD: Attitudes about cadaver anatomy</p> <p>Michael E. Woods, PhD: Assessing the anti-inflammatory properties of cannabinoids by flow cytometry</p>	<p>Dr. Szalai proposed that the remaining projects by Drs. Gosselink, Del Corral, De La Rosa, Minugh-Purvis, Jackson, and Woods be reviewed as a packet instead of individually. Dr. Kania seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 5 For ○ 0 Against ○ 1 Abstention (Dr. Del Corral) <p>Dr. Stauss made a motion to approve the projects. Dr. Kania seconded the motion. The motion was unanimously approved.</p> <ul style="list-style-type: none"> ○ 5 For ○ 0 Against ○ 1 Abstention (Dr. Del Corral) 	APPROVED		
VI.	Other				
VII.	Adjourn				

Meeting adjourned at 3:27 PM

Signature on File

Committee Chair

February 4, 2022

Date