



RESEARCH UPDATE

A WEEKLY COMMUNICATION FROM THE OFFICE OF RESEARCH & SPONSORED PROGRAMS

VOLUME 1: NUMBER 11
November 6, 2020

GENERAL INFORMATION

- **Summer Research Experience Faculty Project Deadline Extended:**
 - The deadline for faculty to submit projects and be eligible for funding for the 2021 Summer Research Experience has been extended to November 9, 2020. Details are available under the Medical Student Research Heading of this edition.
- **Distinguished Researcher Seminar Series (November 13, 2020)**
 - The next Distinguished Researcher Seminar Series is scheduled for November 13th at noon and will feature Drs. Robert and Elizabeth Bjork, Department of Psychology, University of California, Los Angeles.. Their research focuses on retention of learned information. The talk is open to all faculty, staff and students.
 - *“Does What Cognitive Scientists Have Found in the Laboratory Transfer to the Real World of Teaching and Learning?”* **Click to Access Noon Seminar**

Hosted by Department of Physiology & Pathology
- **Clinical Trials Information**
 - [TrialSite News](#) is a digital media resource dedicated to transparent and open coverage of clinical research trial sites around the globe.
- **Electronic Gift Cards for Research Participants**
 - The Office of Research has established a new SOP that defines the procedures for using E-gift cards to pay research study participants. Please consult [RSP.017](#), “Payments to Research Participants”, for procedural information. Electronic gift cards offer more a more secure and trackable method of providing payments to recipients. As such, we are discouraging the use of physical gift cards for future studies. Please direct any questions to us at research@bcomnm.org.
- **[AACOM Accepting Abstracts](#)**
 - Educating Leaders 2021, the AACOM Virtual Conference, is now open for abstracts!
 - This year, we'll be accepting two types of abstracts: **Research** and **Novel Approach**. You can learn more about the two types of submissions, along with a list of abstract topics and a comprehensive submission guide on the **Educating Leaders website**.
 - As an abstract submitter, your work will be accessible on-demand to all registered attendees. In addition, selected presentations will be broadcasted during the live-stream portion of the conference. Awards will also be given for the best research posters.
 - If you have any questions about this year's abstract submission process, please reach out to Lynn Bragan at (301) 968-4186 or lbragan@aacom.org.

MEDICAL STUDENT RESEARCH

- **Call for Faculty Summer Research Experience Projects**
 - The application deadline for the 2021 Medical Student Summer Research Experience has been extended to next **Monday, November 9, 2020 at 11:59PM**. Included below are links to the program website and a direct link to the [Application Form](#). Please take the time to review program information and submit potential projects according to the directions found within the Application Form.
 - Faculty that would like to utilize our services to recruit students this application cycle for projects that were submitted last year, please contact me so that I may add your abstract(s) to the available projects list. Please

note that we are not able to provide any additional funding as these projects were awarded last year. If interested, please contact me soon since the student application opens on **December 4, 2020**.

- [Medical Student Summer Research Experience Website](#)

Email: [S.J. Ontiveros, Ph.D.](mailto:S.J.Ontiveros@bcomnm.org)

- **Student Research Support Fund**

- In support of Burrell College medical student research and creative scholarship endeavors, the Office of Research and Sponsored Programs (ORSP) is pleased to announce the new 2020-2021 Student Research Support Fund and invites student researchers to submit an application. This funding opportunity provides Burrell College medical students with limited funds to support their research and creative scholarship. Applications are available on the [program website](#).

S.J. Ontiveros, Ph.D.

RESEARCH LABORATORIES

- **Research Laboratory Access**

- The Research Laboratories are still operating at a reduced occupancy with social distancing measures in place. Please contact Dr. Woods or Kalli Martinez if you have any questions about Research Laboratory access.

Email: [M. Woods, Ph.D.](mailto:M.Woods@bcomnm.org) and [K. Martinez](mailto:K.Martinez@bcomnm.org)

- **New Equipment will Expand Laboratory Capabilities**

- The laboratory is acquiring a Bio-Rad [Bio-Plex 200](#) system. This system offers protein and nucleic acid researchers a reliable multiplex assay solution that permits analysis of up to 100 biomolecules in a single sample.

DATES AND DEADLINES

- Institutional Review Board (IRB) – November 20, 2020, 12:00 – 1:30 p.m.
 - The deadline for receipt of materials for review is November 9, 2020.
 - Email: IRB@bcomnm.org
- Institutional Biosafety Committee (IBC) – November 4, 2020, 12:00 – 1:00 p.m.
 - Email: Research@bcomnm.org
- Research Advisory Council (RAC) – November 20, 2020, 1:00 - 3:00 p.m.
- Faculty Summer Research Experience Proposals
 - Deadline for submission of projects: November 2, 2020 . [Online Submission Form](#)
 - Contact: [S.J. Ontiveros, Ph.D.](mailto:S.J.Ontiveros@bcomnm.org)
- [Distinguished Researcher Seminar Series](#)
 - November 13, 2020: 12:00 – 1:00 p.m.
 - [Does What Cognitive Scientists Have Found in the Laboratory Transfer to the Real World of Teaching and Learning?](#)
 - Robert Bjork, Ph.D. and Elizabeth Bjork, Ph.D., UCLA Department of Psychology.
 - *Hosted by the Department of Physiology & Pathology*

POLICY & REGULATORY UPDATE

- **Burrell College New or Updated Policies and Procedures**
 - [RSP.017](#), “Payments to Research Participants – **NEW Procedure!**”
- **NIH Office of Human Research Protection**

FUNDING OPPORTUNITIES and NOTICES

- Guidance on new proposal submission and related information is available in MS Teams and on the Research Office Website. Please submit a completed [Proposal Transmittal Routing Request](#) in advance of the deadline. Allow five (5) business days for institutional review and signatures.
- [NIH Weekly Funding Opportunities and Notices](#) – October 30, 2020
- American Osteopathic Association
 - [AOA Research Grants](#) for DOs, MDs, and PhDs
 - [Research Opportunities](#) for resident physicians, fellows and osteopathic medical students
- [Wells Fargo Philanthropic Services](#) (Search for Opportunities)
- [New Mexico SBIR/STTR Innovation Summit](#): *Learn more about federal funding and resources, at Arrowhead Center's NM FAST virtual New Mexico SBIR/STTR Innovation Summit on December 9th. Federal program managers, defense representatives, experts, and local organizations who have a vested interest in driving innovation through the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs will be on hand to walk you through the process.*
- [Experimental Biology 2021](#) will be held April 27-30, 2021 as a virtual meeting.
- [AACOM Educating Leaders 2021](#) will be held April 20-22 as a virtual event.

CLINICAL TRIAL INFORMATION

- **COVID-19 Clinical Trial**
 - Aerpio Pharmaceuticals is currently evaluating, razuprotafib, a novel vascular stabilizing agent as a treatment for COVID-19 and is seeking investigative sites to participate in a recently initiated study in hospitalized COVID-19 patients with moderate to severe disease (non-ventilated) receiving standard of care therapy. (RESCUE Study: NCT04511650). Medpace is partnering with Aerpio as the clinical research organization for this study. This is a Phase 2, randomized, double-blind, placebo-controlled, parallel-group, multicenter study to evaluate the safety and efficacy of up to 7 days of subcutaneous razuprotafib, administered as three doses (TID) in subjects with moderate to severe (non-ventilated) COVID-19 receiving standard of care therapy. The RESCUE study has received funding from the Department of Defense under the auspices of the Medical Technology Enterprise Consortium (MTEC)
 - Key features of razuprotafib:
 - Razuprotafib is a small molecule activator of Tie 2 which is critical for the maintenance of endothelial cell health and vascular stabilization and is highly expressed in pulmonary vasculature.
 - Razuprotafib improves vascular stability and outcomes in multiple animal models of vascular injury and inflammation, including LPS-induced pulmonary and renal injury, polymicrobial sepsis, and IL-2 induced cytokine storm.
 - In clinical trials, razuprotafib has shown clear evidence of vascular stabilization and an excellent safety profile in healthy volunteers and diabetic patients (n = 352) dosed for up to 48 weeks.
 - In addition to the RESCUE study in moderate to severe COVID-19 patients, razuprotafib is also currently being evaluated in a separate ongoing I-SPY COVID-19 Trial in critically ill patients (I-SPY COVID-19 TRIAL: NCT04488081).
 - Physicians wishing more information on patient enrollment should contact:
 - Ashley Best, PhD
Clinical Trial Manager
Medpace
5375 Medpace Way
Cincinnati, Ohio 45227
Tel.: +1.513.579.9911, ext. 12438
Mobile: +1.513.568.0513
E-mail: A.Best1@medpace.com

INFORMATION FOR AUTHORS

- [Call for COVID-19 Research Papers](#): The JAOA editors invite researchers to share information and data about their experiences with COVID-19 with the osteopathic community.

- Are you interested in publishing a literature review? The Journal of the American Osteopathic Association has created a video that provides tips for putting together a quality [Systematic Literature Review](#)

RECENT AND FORTHCOMING SCHOLARLY WORK BY BURRELL COLLEGE RESEARCHERS

(Please email us with your news and we will add it to future Updates.)

- Taylor Z, Chory K, Wright M, Amatya A, Gard C and Woods ME. (October 29, 2020) Incidence and Survival for Common Cancers Are Lower in New Mexico and Along the US-Mexico Border Than Elsewhere in the United States. Cureus 12(10): e11234. doi:10.7759/cureus.11234