NOW OPEN to All Regional Investigators ! ! !

HISTOLOGY/PATHOLOGY/IMAGING CORE (HPIC) FACILITY

The research service at the Boise VA Medical Center announces the opening of its shared, NIH COBRE-funded Histology/Pathology/Imaging Core (HPIC) facility. This well-equipped, expertly staffed and fully functional research facility offers services, expertise, instrumentation and training for the preparation, imaging and evaluation of experimental tissues by basic and advanced histological and immuno-histochemical methods.

The HPIC is located on the Boise VA campus within our AAALAC-accredited research facility which is also available to regional investigators for approved studies. Our Director is Dr. Frederick Bauer, a board-certified Anatomic and Clinical pathologist who recently retired as Director and Chief Pathologist of the VA Medical Center’s Clinical Laboratory and who has studied cancer pathogenesis on the cellular and tissue levels over decades. Our Lead Histologist is Victoria Galarza who trained at the Armed Forces Institute of Pathology and who has 10+ years of experience in clinical and research settings.

HPIC equipment and services are available to all regional investigators. Ultimately, the HPIC will function on a cost-recovery basis, however no costs or fees will be collected prior to April 1, 2018.

Specific Services include:
- Experimental design consultation
- Processing, sectioning, and staining of frozen or fixed tissues and cells
- Routine and advanced tissue staining, including immunohistochemistry
- Quantitative immunohistochemistry
- Comparative evaluation and scoring of tissues by board-certified Anatomical and Clinical Pathologist

Histology/Pathology Equipment
- Excelsior AS Tissue Processor
- Gemini Automated Slide Stainer
- Thermo Scientific HN525 NX Cryostat
- Cytospin 4
- Leica Paraffin Embedding Station
- Jung Biocut 2035 Microtome

Imaging Equipment
- Zeiss Axiophot fluorescent microscope; includes Excite 120LED illumination system with BFP, GFP, DsRed and Texas Red filters
- Bartels & Stout Axiocam Digital High Resolution monochromatic and color cameras
- IVIS Lumina XR Imaging System
- IonOptix single cell functional imaging system
- Leica TCS SP8 laser confocal microscope

This shared resource is made possible by NIH Grant P20GM109007 (National Institute of General Medical Sciences) and by support from the Boise VA Medical Center

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Call for Applicants
PAVER Fellowship
(Partnership to Advance Veterans Education in Research)

The PAVER Fellowship provides a “real-life” research experience for those veterans currently enrolled at, or recently graduated from, accredited Idaho universities who may be considering further graduate education and/or a career in biomedical research or related healthcare sciences.

The PAVER Fellowship supports a 10 week mentored, biomedical research opportunity in the basic science laboratory of an established Infectious Disease investigator at the Boise VA Medical Center. The fellowship typically runs from late May to August (summer semester), though other times may be arranged. Awardees receive $6000 for the 10 week session. Additional support of $1500 is provided to offset laboratory supply costs and travel expenses to scientific meetings.

The PAVER Fellowship runs concurrently with other undergraduate summer research programs at the Boise VA and those at other institutions in Idaho. Students at the Boise VA present an oral abstract at our annual VA Biomedical Research Symposium and participate via poster presentation at the annual Idaho IDeA Network of Biomedical Research Excellence (INBRE) meeting in Moscow, ID. Research by PAVER Fellows is highlighted in the VA’s The Boise Front newsletter, local and statewide media, and national VA news outlets.

Applications for 2018 summer fellowships are due January 31st, 2018 and must contain all elements listed below. Selection is a competitive process with 1-2 awardees/year. Fellows are chosen based on their applications as a whole; elements are not necessarily weighted in the order listed. Completed applications should be sent to abryant@ivref.org with PAVER in the subject line.

1. Personal Statement that addresses the following:
   a. Interest in biomedical science and research
   b. Obstacles you have overcome to obtain your education
   c. How the PAVER Fellowship will enhance or direct your career decisions and goals.
2. Academic transcripts including science classes taken and GPA
3. Date of expected or actual graduation and degree
4. Reference letters (2 minimum; 3 are preferred)
5. A copy of your DD Form 214 “Certificate of Release or Discharge from Active Duty”.

We strive to interview top applicants face-to-face during the first two weeks of February with award decisions made by the end of February. Those not chosen for PAVER Fellowships may be considered for other funded student research opportunities at the Boise VA.

The Infectious Diseases Center of Excellence seeks to discover, develop and advance novel new approaches to prevention, diagnosis and treatment of severe life-threatening infections plaguing people of all ages worldwide. Information on current projects and Principal Investigators can be found at www.ivref.org.

The PAVER Fellowship is made possible by a generous donation from the John and Alma Stevens Educational Trust.