Dr. Edward Bahnson joins the UNC Surgery research team

We welcome Dr. Edward Moreira Bahnson who joined us as a tenure-track Assistant Professor in August and will also be a part of the Center for Nanotechnology and Drug Delivery. Dr. Bahnson’s research program will study arterial disease in diabetes and understanding the difference in plaque progression and restenosis rates in the diabetic vs. non-diabetic environment with the goal of developing targeted therapies for the vasculature to normalize the redox imbalance of the diabetic arteries.

Dr. Bahnson is originally from Montevideo, Uruguay, the second most southern capital in the world. Dr. Bahnson holds a B.Sc. in Biochemistry from the University of Uruguay, and moved to the US to pursue his doctorate. He received his Ph.D. in Biomedical Sciences working with Drs. Nicola Brasch (Kent State University), June Yun (NEOMED), and Donald Jacobsen (Cleveland Clinic). His dissertation, entitled “Vascular Biochemistry of Vitamin B12,” explored the non-coenzyme effects of B12 derivatives on vascular redox homeostasis. For his postdoctoral training, he joined the Simpson Querrey Institute and the Division of Vascular Surgery at Northwestern University. He focused on the prevention of restenosis after vascular interventions using local and targeted redox interventions.

On a personal note Dr. Bahnson enjoys singing (he has been a part of various choruses over the years), and dancing tango. He also enjoys cooking and baking, and going for a walk with his husband Matthew, and their dog Wellington.

Residents!
Want to know what projects faculty are working on? Check out the Mentors and Descriptions page http://www.med.unc.edu/surgery/education/resident-research-opportunities/mentors-and-descriptions or contact Dr. Yeh.
UNC thoracic surgeons’ project with UNC/NC State biomedical engineers leads to a Medical Innovators Collaborative

Last summer, Drs. Jason Long (Cardiothoracic Surgery) and Andrew DiMeo (BME) received $10,000 for a project with UNC/NC State University biomedical engineers after a Lineberger Center “speed dating” event that linked UNC surgeons and biomedical engineers for research. The idea was to build a collaboration between NC State engineering students and UNC School of Medicine faculty and residents to use a surgery simulation laboratory to develop ideas for innovative devices. Students in DiMeo’s biomedical engineering course made a business plan for the project and recently received a $85,000 award from the Research Triangle Park, the Medical Innovators Collaborative to make this a reality. Read more in a story by Laura Baverman of ExitEvent.com at http://exitevent.com/article/medic-launch-with-rtp-grant-university-support-160826

Submit your abstracts

- September 26 Society of Surgical Oncology http://www.surgonc.org/
- September 27 ASCO GI – open to submissions Aug 3 http://gicasym.org/
- September 30 American Hepato-Pancreato-Biliary Association http://www.ahpba.org

Apply For Grants

- UNC Lineberger Developmental Program (March 15, September 15) https://unclineberger.org/research/developmental-funding-opportunities
- TraCS $2K Grants (These are great grants for your projects – only a brief 1pp write up) October 18, November 15, December 20 https://tracs.unc.edu/index.php/services/pilot-program/tracs-2k-grants
- TraCS $5K-$50K Grants (October 18, June 21) https://tracs.unc.edu/index.php/services/pilot-program/tracs-5k-50k-grants

Awards

Dr. Jared Gallaher (PGY 6) received second place in the Clinical Science Resident Paper Competition at the 2016 NC/SC ACS Chapter Meeting (Myrtle Beach, SC) in July.

Dr. Yeh (Surgical Oncology) received a $3 million NIH grant to study using pancreatic cancer subtypes which her group published in Nature Genetics in 2015 to predict therapy response.

Who to ask for help with grants?

Contact Debbie Sanabria in Pre-Award services as soon as you think you are applying for a grant for help with your budget and grant submission and routing. External grants must be routed and submitted one week ahead of the due date!

Debbie Sanabria
Funding opportunity

Organization: Vascular Cures
RFP: Wylie Scholar Program (Limited Submission)
Award Amount: up to $50,000 per year for up to 3 years

Application Deadline: March 1, 2017

Anticipated Award Notification: not announced

RFP Synopsis: Vascular Cures, in partnership with the Society for Vascular Surgery (SVS) Foundation, is accepting applications from surgeons at the early stages of their careers to help them develop as academic vascular surgeon-scientists. The award may be used to support research in the following areas: basic science, translational, clinical research, outcomes/health services research, teaching, community service, and patient care. To be eligible for consideration, Wylie Scholar candidates must hold a full-time faculty appointment as a vascular surgeon with active privileges at a medical school accredited by the Liaison Committee on Medical Education in the United States or the Committee for the Accreditation of Canadian Medical Schools in Canada. Only one nomination per institution per year will be considered. Award will be made to the institution, not the individual. No indirect costs will be allowed.

To read the full application guidelines, including eligibility requirements, please visit: http://www.vascularcures.org/research/wylie-scholar-program

Highlights

- ACS Clinical Congress October 2016
  - Dr. Wesley Stepp will be presenting a poster titled “Immunoparalysis in Burn Trauma: A Molecular Perspective”. Other authors are Drs. Rob Maile (Burn Surgery) and Bruce Cairns (North Carolina Jaycee Burn Center).
  - Dr. Marco Patti (Gastrointestinal Surgery) will be a lecturer in the post graduate course on Esophagus for the general surgery review course. He is also the President of the International Society of Surgeons. Dr. Patti was Visiting Professor at Mount Sinai Hospital in New York City and gave the 17th Annual Ben Fryer Lectureship.
  - Dr. Knowlin (T32 Fellow) gave a podium presentation for the 2016 Drew Walker Resident Symposium Surgical Section of National Medical Association in July in Los Angeles, CA and was awarded second place for her presentation on “Smoking Status on Burn Inhalation Injury Mortality”. Other faculty involved in the project were Drs. Anthony Charles (General and Acute Care Surgery) and Bruce Cairns (North Carolina Jaycee Burn Center).
  - Dr. Felicia Williams (North Carolina Jaycee Burn Center) gave an oral and poster presentation at the International Society for Burn Injuries in Miami, FL. Her oral presentation was on the effects of prostacyclins on oxygenation in patients with inhalation injury and ARDS entitled “Effect of inhaled iloprost on gas exchange in inhalation injury: a pilot study.”

New Publications


(New Publications continued on next page)
New Publications (continued)


- Allaix ME, Long JM, Patti MG (Gastrointestinal Surgery). Hybrid Ivor-Lewis esophagectomy. JLAST 2016


Research Resources

Database Manager

Contact Paula Strassle, MPH our database manager BEFORE you start a project involving data collection or setting up a database, e.g. chart reviews. She will help you organize and think about things so that you will be able to analyze it when you are ready. Paula is also in charge of NIS, NSQUIP, SEER databases (http://www.med.unc.edu/surgery/education/resident-research-opportunities/available-databases) if you would like to use them or have questions about them. She may also point you to other databases that may help you.

Request Paula’s help using http://www.med.unc.edu/surgery/database-manager-request-form. Paula should be the point of entry for most of you and will communicate with the Biostats Team to distribute expertise/personnel needs.

Biostats Team

Jason Fine, PhD, Professor of Biostatistics will lead the biostatistics team with the help of his graduate research assistant Daniel Luckett. Request their help using http://www.med.unc.edu/surgery/contact-forms.

Suggestions?

Have you been doing research that you think should be included in this newsletter? Do you have any news from your research team, received any awards, published papers? Any other announcements? Let Jen Jen know at the email below!

Happy Fall!

Jen Jen Yeh, MD
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