Dear Colleagues,

In our May / June Research Newsletter, we continue with the ongoing theme of Integration and Collaboration, which I hope will become our “Research brand”.

In that spirit, it has been a joy to learn about – and now to share with all of you – the tremendous work of our own Dr. Andres Brenes Bastos who organized an international Neuroanesthesia conference with collaborators from New England, Chile, and Costa Rica.

Closer to home, I would like to raise awareness about an important resource to integrate our work with investigators from the larger YSM community. Thanks to the efforts of Keith Choate, Nicholas Licht, and others, Yale has established an Office of Physician Scientist and Scientist Development (OPSSD) which has several efforts underway to help clinician-scientists. Please see page 2 for information about the new “grants library” which is a great resource for people applying for extramural funding.

I also want to remind our residents and fellows about the 2022 ASA Committee on Professional Diversity Mentorship Award. Proposals are due June 30th. More information can be found at:

https://www.asahq.org/about-asa/asa-awards-and-programs/asa-mentoring-program

Finally, if you have suggestions for a future newsletter or want to get more involved in research, please reach out at any time.

-Rob Schonberger; Interim Vice Chair for Clinical Research

Reminders:

- Before engaging in human research, all investigators must have up to date training and be listed on the relevant IRB protocol.

- Send all clinical protocols to anesthesiaresearch@yale.edu. The department's internal research committee will review them to provide centralized support and oversight of your important work.
International Academic Societies:

Setting the stage for regional research collaborations

Dr. Andres Brenes Bastos is a neuroanesthesiologist on our faculty. As a wonderful example of integration and collaboration, he organized the 1st International Conference of Neuroanesthesia and Neurocritical Care in San Jose, Costa Rica on October 30th. Faculty came from Beth Israel Deaconess Medical Center, Boston Medical Center, Dartmouth Hitchcock, Yale, and Universidad Catolica de Chile. By all accounts, the conference was an extraordinary success.

Dr. Brenes Bastos recounts, “The original idea for this conference, was conceived by me in 2019 when I was starting my Neuroanesthesia fellowship. The conference was once cancelled because of the COVID pandemic in October of 2020. I kept working on this lifelong dream and mission to bring marvelous faculty to Costa Rica and kept pushing and working on making the conference a reality. I had the support of the Costa Rican Society of Anesthesiology early on. They helped support the Costa Rican logistics of the conference while I worked on developing the academic curriculum and handled the faculty arrangements.

Collaboration with industry and other healthcare organizations was important. The value of the conference was immediately recognized by industry partners when we reached out to them and explained the quality of what was being planned. We were able to secure sponsorship by companies like Medtronic, Massimo, TriDM(LMA, Clarus, Glydescope distributor) and Nutricare (Dragger distributor in CR). In regard to healthcare organizations, it was recognized as an activity of interest by the Costa Rican College of Physicians.

The conference was a huge success and we had 75 anesthesiology physicians attend for the 11-hour long conference. Compared to the ASA, it might not sound like a big attendance, but for Costa Rica that is approximately 20% of the total number of Anesthesiologists in the entire country. For a topic as specialized as Neuroanesthesia, this was a really big presence.

My ultimate hope is that this conference will make an impact in the treatment of Neurosurgical patients in Costa Rica and elsewhere in the region.”

FUTURE PLANS: “As part of what the future holds. I am working on expanding this conference into other topics and inviting faculty from Yale and other hospitals to come to Costa Rica and give a lecture series. Discussions are in place to make the Neuroanesthesia NCC conference a recurring thing about every 3 years. Also from the research perspective I am in conversations with the faculty of this conference and some other researchers to try and form a group that will focus on research of Neuroanesthesia and Neurocritical care. I am currently part of an RCT looking into alternate ways to help in pain control after spinal surgery using non-opioid medications with collaborators from Beth Israel who were involved in the conference. The study is well on its way, and we will try to expand to a multicenter trial once the pilot is done at BIDMC.”

Office of Physician Scientist and Scientist Development (OPSSD) Launches new Grants Library Resource

Grants Library

Goal: To provide a resource across funding mechanisms (R, K, T, foundation, R, etc.) to increase success rates of Yale applicants.

<table>
<thead>
<tr>
<th>Funding Mechanisms</th>
<th>Available Grants</th>
<th>Completed Grants</th>
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<tbody>
<tr>
<td>R01 (R01-FOOPE)</td>
<td>14</td>
<td>10</td>
</tr>
<tr>
<td>T32 /F31</td>
<td>17 / 20</td>
<td>10 / 15</td>
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<tr>
<td>Diversity Supplements</td>
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<td>2 / 3</td>
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Usage: 66 access requests for the grant library.
Access can be request by emailing OPSSD@yale.edu

Keith Choate, MD, PhD
Associate Dean for Physician-Science Development

Keith Choate, MD, PhD, the Associate Dean for Physician Scientist Development is excited to spread the word about a new resource to support grant writing at YSM. OPSSD has developed a centralized repository of successful grants for use by YSM faculty. The grants library has numerous examples of funded grants from Yale researchers who have generously agreed to lend a hand to others. You can access grants of the same type for which you are applying as a source of guidance. To apply for access, email the OPSSD office directly.


https://dx.doi.org/10.3390/ijms23095275

https://dx.doi.org/10.1007/s12028-021-01398-8

https://dx.doi.org/10.1183/13993003.02596-2021

https://dx.doi.org/10.1213/ANE.0000000000005825

https://dx.doi.org/10.3390/ijms23063011

https://dx.doi.org/10.1213/ANE.0000000000006068

https://dx.doi.org/10.1213/ANE.0000000000005930

https://dx.doi.org/10.1016/j.jclinane.2022.110846

https://dx.doi.org/10.1016/j.ajpath.2021.11.010

https://dx.doi.org/10.1213/ANE.0000000000006064

https://dx.doi.org/10.3390 Genes13040699