

## **Bridging the Gap: Research Tips for Early Career Faculty**

*Transitioning from unfunded, mentored-led research to independent funding*

### **Key Questions that will be addressed:**

- **What are the key resources I should ask for as an early clinician researcher?**
- **How do I find a research topic I want to focus on?**
- **Where can I find funding to help get started?**
- **How do I create preliminary evidence for my first grant application?**

### **Target Audience:**

- Senior residents, fellows (trauma, surgical critical care, and acute care surgery), and early career faculty (first few years out of training) interested in pursuing an academic career.

Duration: 3 hours, 45 minutes

### **Needs Statement:**

- Making the leap from unfunded, mentored-led research as a resident, fellow, or junior faculty to a funded investigator requires a significant investment (in personal development, creation of preliminary research, and time).
- For many, especially those at institutions without mature research labs, this transition is often the single most significant barrier to independent funding.
- This session will focus on the time between unfunded, mentor-driven research and the first independent funding application and how one can make themselves and their proposals more attractive.
- This course will provide an overview of early steps to becoming an independent funding investigator.

Agenda	Time	Lead/Proposed Speaker
Introduction	7:30 – 7:35 am	Rachael Callcut
Setting Yourself Up for Success	7:35 – 7:45 am	Ben Zarzaur
Funding Opportunities <ul style="list-style-type: none"> <li>• Internal awards</li> <li>• Society awards</li> <li>• Philanthropic organizations</li> <li>• Industry funding</li> </ul>	7:45- 8:00 am	Elliott Haut
Elevator Pitch	8:00– 8:05 am	Rachael Callcut
Personal Development: <ul style="list-style-type: none"> <li>• Finding the right mentor team</li> <li>• Advanced training in basic science/clinical research</li> <li>• Identification of a topic and evaluation of the present evidence to identify gaps in knowledge</li> </ul>	8:05 - 8:20 am	Lillian Kao
Creating prelim data: Basic Science	8:20-8:30 am	Michael Goodman
Creating preliminary data: Trauma Registry	8:30-8:40 am	Panel
Panel Discussion	8:40-9:00 am	Panel
<b>Break</b>	<b>9:00-9:10 am</b>	
Creating preliminary data: Observational studies	9:10-9:20 am	Bellal Joseph
Creating preliminary data: Large dataset research	9:20-9:30 am	Heena Santry
Creating preliminary data: Multicenter studies (MCT)	9:30-9:40 am	Jose Pascual
IRB and Consent	9:40 – 9:50 am	John Harvin
Handling rejection & revisions	9:50-10:00 am	Catherine Velopulos
Panel Discussion	10:00-10:20 am	Panel
<b>Break</b>	<b>10:20-10:30 am</b>	
Breakout roundtable session: Meet the Researchers, Tips and Tricks for Success (3 – 15 minute table sessions)	10:30 am – 11:15 am	Various

Break out tables:

1. Funding sources – Heena Santry
2. Finding a mentor – Ben Zarzaur, Lillian Kao
3. Tips on writing your first grant – Lucy Kornblith
4. Setting up and running a Basic Science Lab –Jose Pascual, Michael Goodman
5. Designing and setting up a multicenter trial – Jeffrey Nahmias, E Campion
6. Developing a mentor plan for a career development award – Jason Smith, Rachael Callcut
7. Responding to Critiques/Reviews –Catherine Velopulos
8. Industry/Academic Research opportunities – Michael Cripps, Dante Yeh
9. Increasing institutional visibility/making connections - Bellal Joseph
10. Creating preliminary data: surveys - Adel Elkbuli