

**HTRS 2023 Research Colloquium
Session Learning Objectives**

Session Objectives

Learning Objective for Session 1: Career Development: "Charting Your Course"

At the close of this session, attendees will be able to:

- Describe the importance of outlining a vision for their career and setting short/long-term goals to push them toward action
- Discuss the useful skills, abilities, and practical knowledge required to work as an independent investigator
- Describe different job opportunities (academia, industry, etc.) in the field of thrombosis and hemostasis

Learning Objective for Session 2: "Work/Life Balance"

At the close of this session, attendees will be able to:

- Compare experiences on the challenges of creating a balanced approach to career and personal life
- Discuss the different approaches to work life balance (there is no one size-fits-all solution)
- Engage in meaningful discussion on this challenging topic

Learning Objective for Session 3: K to R Grants Transition | Career Grant Development

At the close of this session, attendees will be able to:

- Understand the timeline for submitting an R01 during their K08/K23/K99 funding and the differences in preparing a K versus R award
- Understand the transition from mentored research to independent research
- Be aware of common pitfalls in preparing and R01

Learning Objective for Session 4-A: Independent Investigator Career Path MD Focused (Mentored Research to Independence)

At the close of this session, attendees will be able to:

- Determine when the time is ripe to branch out from their mentor's projects and lay the foundation for an independent path.
- Compare the pros and cons of staying in the same institution as with their mentors vs starting in another institution after training.

- Familiarize with different academic appointments (clinical vs investigator) and their career trajectories.
- Discuss pitfalls when negotiating for the first academic position.
Describe funding opportunities for MDs beyond K grants.

Learning Objective for Session 4-B: Independent Investigator Career Path PhD Focused (Mentored Research to Independence)

At the close of this session, attendees will be able to:

- Compare academic appointments in medical schools, regular universities, and research institutes.
- Discuss challenges that face Ph.D. holders in obtaining the first academic position and mitigation strategies.
- Discuss pitfalls when negotiating for the first academic position.
- Describe the general expectations between the first appointment and pre-tenure review while on a tenure-track position.
- Describe funding opportunities beyond K grants.

Learning Objective for Session 5: Making the Industry Move

At the close of this session, attendees will be able to:

- Discuss the different reasons on why academicians move to industry
- Compare the differences between working in academia vs industry
- Describe the career and promotion pathway for physician-scientists working in industry

Learning Objective for Session 6-A: IP Tech Transfer "How to Interact with Tech Transfer Office"

At the close of this session, attendees will be able to:

- Explain the process and timelines for disclosures to patent filing and when to file a disclosure
- Understand the process of filing a patent to being awarded a patent
- Understand the role of tech transfer and how to most productively partner with your institutional tech transfer office

Learning Objective for Session 6-B: "How to Initiate a Multicenter Clinical Trial"

At the close of this session, attendees will be able to:

- Describe the process of initiating a multicenter clinical trial
- Discuss the challenges involved in initiating a multicenter clinical trial
- Describe the funding mechanism in initiating a multicenter clinical trial

Learning Objective for Session 6-C: "Publishing and Peer Review: Beyond the Basics"

At the close of this session, attendees will be able to:

- Describe how a journal editorial team functions and stages a manuscript passes before being rejected or accepted for a review.
- Describe what criteria editors apply to evaluate a manuscript when doing their assessment.
- Discuss how a final decision is reached on a submitted manuscript.
- Describe key things editors wished every author knew before submitting a manuscript.

Learning Objective for Session 7-A: "How to Work Collaboratively with Industry Peers"

At the close of this session, attendees will be able to:

- Discuss the reasons and importance of working with industry peers
- Describe the challenges when working with industry peers
- Discuss the different approaches to working with industry peers

Learning Objective for Session 7-B: "How to Work Collaboratively with External Peers in Your Field"

At the close of this session, attendees will be able to:

- Describe the pros and cons of collaborative research groups and how to maximize the strengths of each member of the group
- Discuss points of consideration to discuss up front while forming the collaborative group, e.g. authorship, disclosures, funding mechanisms, etc
- Explain how to initiate and maintain a productive collaboration

Learning Objective for Session 7-C: "How to Work Collaboratively with Internal Peers in Outside Your Field"

At the close of this session, attendees will be able to:

- Describe the importance and benefit of collaboration with diverse teams of investigators for conducting multidisciplinary research
- Explain how to initiate and establish active collaboration with internal peers outside the thrombosis and hemostasis field
- Discuss/Provide any success stories

Learning Objective for Session 7-D: "How to Grow and Maintain a Professional Network"

At the close of this session, attendees will be able to:

- Explain why is important to maintain a diverse professional network.
- Describe how to grow and maintain a professional network.
- Analyze their existing professional networks to see whether they are adequately serving their needs.

Learning Objective for Session 8: “Ask the Faculty”

At the close of this session, attendees will be able to discuss emerging topics and research in the field of hemostasis and thrombosis