

# Navigating the **Research** Enterprise

Select Mondays from 12:00-1:00 p.m.  
 September 19 through December 12, 2022 (subject to change)  
 Northwestern University – Online via Zoom

## SERIES CO-DIRECTORS:

**William (Bill) Lowe, MD:**

Professor of Medicine in Endocrinology

**Rick McGee, PhD:**

Professor of Medical Education, Associate Dean for Professional Development

**Farzaneh Sorond, MD, PhD:**

Professor of Neurology, Vice Dean of Faculty Affairs

## OTHER PARTICIPATING INSTRUCTORS:

Marcella Cooks, MS, CIP:

IRB Reliance Manager

Keith Herzog, MPPA:

Executive Director, NUCATS Institute

Katherine Mustea:

Assistant Director of Accounting Services for Research Sponsored Programs

Bryan Runkel:

Associate Director for Research Administration

Daniel Schneider:

Manager of Research Analytics, Feinberg School of Medicine

Andrea Zakrzewski:

Associate Director for Grants Management, Office for Sponsored Research

## DESCRIPTION:

This annual seminar series takes place weekly from September 19 through December 12. It is offered in an effort to provide support for all early career faculty members and postdoctoral fellows at Northwestern who have protected time for investigation to focus on developing the key skills young scientists require in order to progress beyond just doing good research.

## SERIES SCHEDULE

Date	Session Title	Objectives	Presenters
9/19/22	Introduction to the Series, Important Resources of NUCATS, & Constructing Your Individual Career Advancement Plan	<ul style="list-style-type: none"> <li>• Access the research related resources available at Northwestern University for junior faculty</li> <li>• Develop a strategy for a successful career in research</li> <li>• Define the elements and value of an Individual Career Advancement Plan and learn how to use it to guide your professional development with guidance from mentors and senior faculty</li> </ul>	Rick McGee, PhD and  Keith Herzog, MPPA
9/26/22	NIH Funding Opportunities	<ul style="list-style-type: none"> <li>• Understand the abbreviations and acronyms of NIH jargon</li> <li>• Access important information from the NIH website regarding currently funded grants and funding opportunities</li> <li>• Utilize strategies for obtaining guidance from NIH Program and Review Officers in a grant submission and review process</li> </ul>	Rick McGee, PhD,  Bill Lowe, MD  and Farzaneh Sorond MD, PhD
10/3/22	The NIH Grant Review Process	<ul style="list-style-type: none"> <li>• Utilize an understanding of the NIH grant review process to help guide grant writing strategies</li> <li>• Incorporate review considerations in writing in response to specific requests for applications (RFAs)</li> </ul>	Rick McGee, PhD and  Bill Lowe, MD

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10/10/22	Strategies for Writing Effective NIH Proposals: Part 1	<ul style="list-style-type: none"> <li>• Understand the critical flow of logic and writing styles of effective NIH grants</li> <li>• Begin to incorporate the patterns and strategies of grant writing video tools when writing NIH K or R proposals</li> <li>• Write in a way that reviewers expect</li> <li>• Become skilled in getting useful feedback</li> </ul>	Rick McGee, PhD, Bill Lowe, MD and Farzaneh Sorond MD, PhD
10/17/22	Working with the Northwestern Office of Sponsored Research (OSR)	<ul style="list-style-type: none"> <li>• Recognize how to best work with the Office of Sponsored Research</li> <li>• Discuss the OSR requirements for a successful grant submission</li> </ul>	Andrea Zakrzewski, Bryan Runkel and Kathy Mustea
10/31/22	Strategies for Writing Effective NIH Proposals: Part 2 – K Proposals	<ul style="list-style-type: none"> <li>• Writing non-research sections of proposals</li> <li>• Crafting an effective Biosketch</li> <li>• Understanding the role of each part of K applications and what must be accomplished in them</li> </ul>	Rick McGee, PhD, Bill Lowe, MD and Farzaneh Sorond MD, PhD
11/7/22	Working with the IRB	<ul style="list-style-type: none"> <li>• Core elements of and starting a new protocol</li> <li>• IRB website review</li> <li>• Reliance and working with external collaborators</li> <li>• Qualifications for biomedical versus social behavioral research</li> <li>• Human research determination and chart review tools</li> <li>• The changing landscape of HRPPs and IRBs</li> </ul>	Marcella Cooks, MS, CIP
11/14/22	Preparing a Resubmission to an NIH Proposal	<ul style="list-style-type: none"> <li>• The complicated art and science of reading Summary Statements</li> <li>• Deciding on whether to resubmit, submit a new proposal, or think carefully about research direction</li> <li>• Crafting the Introduction to a resubmission – as important as Specific Aims in an initial submission</li> <li>• Other topics – e.g. changing study sections, communicating with the Program Official, etc.</li> <li>• The dreaded Not Discussed – Not necessarily as bad as it sounds</li> <li>• Q &amp; A – anything you are wondering about...</li> </ul>	Rick McGee, PhD, Bill Lowe, MD and Farzaneh Sorond MD, PhD
11/21/22	K to R Transitions	<p>The transition from funding on a K award to obtaining R awards is not simple. This includes all types of K awards, including K99/R00. It takes a lot of planning and effort DURING the award period, not waiting until after it ends. This new addition to the Navigating series will cover:</p> <ul style="list-style-type: none"> <li>• Timing of applying for R (and other) grants during the K award period</li> <li>• Sole focus on the K award research topic vs. adding new ones</li> <li>• Types and number of collaborations to establish during the K</li> <li>• Considerations of applying as PI, Co-I and Multi-PI on one or several grants</li> <li>• Q&amp;A for both general and specific questions</li> </ul>	Rick McGee, PhD, Bill Lowe, MD and Farzaneh Sorond MD, PhD

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12/5/22	<p><b>For Clinician Scientists: Deciding on and Designing a Strategy to Achieve the Level of Research That Fits Your Career – Consultant, Collaborator, Co-Investigator, or PI</b></p>	<ul style="list-style-type: none"> <li>•Articulate your desired mix of research and clinical care and devise a plan to accomplish it at Northwestern</li> <li>•Consciously consider various roles in research from PI to Co-I to effective collaborator</li> </ul>	<p>Rick McGee, PhD,  Bill Lowe, MD  and Farzaneh Sorond MD, PhD</p>
12/12/22	<p><b>Everything You Ever Wanted to Know About the Enterprise Data Warehouse (EDW) at Northwestern Medicine</b></p>	<ul style="list-style-type: none"> <li>•Describe how the EDW supports research at Northwestern University</li> <li>•Utilize the process for accessing EDW</li> </ul>	<p>Daniel Schneider</p>