

**Center for Education and Career Development  
Jr. Faculty  
First Monday of Every Month  
Schedule of Topics  
12:00 Noon – 1:30PM**

**Room 107 on the first floor of Wieboldt Hall, 340 E. Superior/339 East Chicago. Room 107 is right off the Chicago entrance on the first floor, first room on the left hand side. If entering on the Superior Street side, walk to the end of the hallway and it is the last classroom on the right on the first floor**

February 2	<ul style="list-style-type: none"> <li>▪ Introduction to the Professional Development series and Planning a Career <ul style="list-style-type: none"> <li>○ Short introductions among participants (beginning to network)</li> <li>○ Structured activity to capture what the participants feel they need/want most help with</li> <li>○ Overview of academic promotion and/or tenure at FSM</li> <li>○ How to structure and plan a successful academic career</li> </ul> </li> </ul>
March 2	<ul style="list-style-type: none"> <li>▪ Orientation to the wide array of funding types one can apply for at different career steps <ul style="list-style-type: none"> <li>○ K awards</li> <li>○ R21 and R03</li> <li>○ R01</li> <li>○ NSF</li> <li>○ American Heart Association, American Cancer Society, Arthritis Foundation, Juvenile Diabetes Research Foundation, Robert Wood Johnson Foundation, and other foundations</li> <li>○ Smaller awards</li> <li>○ How the funding landscape is changing, and not.... <ul style="list-style-type: none"> <li>▪ Recent changes to NIH proposal design</li> <li>▪ Recent changes to NIH review processes especially for new investigators</li> <li>▪ Funding of translational vs. clinical vs. basic research – Do you join the bandwagon or hold your own course?</li> <li>▪ Evolution to collaboration as the norm rather than the exception</li> </ul> </li> </ul> </li> </ul>
None in April	
May 4	<ul style="list-style-type: none"> <li>▪ Grant Review Workshop – you can't start writing until you REALLY know how review works (uses example grants and video re-enactment of authentic Review Group/.Study Section) <ul style="list-style-type: none"> <li>○ Overview</li> <li>○ Review of one of the sample grants included in the NIH Mock Peer Review Video</li> <li>○ Show and discuss the video</li> </ul> </li> </ul>

June 1	<ul style="list-style-type: none"> <li>▪ Moving a career from a dependent role (working “under” someone on their ideas) to independence (leading a group working on your ideas) <ul style="list-style-type: none"> <li>○ General discussion</li> <li>○ Panel of experts – experienced NIH reviewers to talk about how reviewers react to and determine the degree to which this transition is occurring</li> <li>○ Strategies of how to demonstrate independence, but including collaborations, in early R01 applications</li> </ul> </li> </ul>
July 6	<ul style="list-style-type: none"> <li>▪ Mentors and mentoring – a broad look on how to get the help you need while moving from being mentored to collaborating <ul style="list-style-type: none"> <li>○ “case studies” or scenarios of how to work with different types of primary research mentors – much built on discussing and deconstructing participants past experiences</li> <li>○ skills for identifying and working with multiple mentors, each providing specific expertise and guidance</li> <li>○ identifying when you need deeper training vs. mentoring</li> <li>○ peer mentoring – you can do a lot with help from each other but it hits a limit</li> <li>○ group mentoring processes – the common link of teaching and learning</li> <li>○ seeking out and responding to feedback and critique</li> </ul> </li> </ul>
August 3	<ul style="list-style-type: none"> <li>▪ Working with the IRB and other institutional review bodies <ul style="list-style-type: none"> <li>○ Primer for lab scientists so they don’t shy away from research and collaborations that require IRB</li> <li>○ Insights from experienced leader of NU IRB – FAQs and most common problems encountered</li> <li>○ Working with the ACUC</li> <li>○ Office of Sponsored Research (OSR) and other institutional review processes</li> </ul> </li> </ul>
September 14 (2 <sup>nd</sup> Monday)	<ul style="list-style-type: none"> <li>▪ Creating a research team 101 – finding the right people <ul style="list-style-type: none"> <li>○ identifying the skills and levels of expertise you need in your team</li> <li>○ creating a job description to find what you are looking for and finding it</li> <li>○ reading and interpreting CVs and resumes</li> <li>○ interviewing – by email, phone and in-person – a really important skill to build</li> </ul> </li> </ul>
October 5	<ul style="list-style-type: none"> <li>▪ Creating a research team 201 – managing group dynamics <ul style="list-style-type: none"> <li>○ lead by team-building expert with reaction and modulation from current scientists</li> </ul> </li> </ul>
November 2	<ul style="list-style-type: none"> <li>▪ Projects and Publications – strategies to maximize impact while sustaining a pattern of productivity <ul style="list-style-type: none"> <li>○ high risk/high reward vs. lower risk/reliable</li> <li>○ high impact vs. patterns of steady productivity</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>○ establishing a scientific and professional niche</li> </ul>
December 7	<ul style="list-style-type: none"> <li>▪ The Anatomy, Physiology, Pharmacology and “Wow” of successful NIH-style research proposals...and responding to critiques of grants that fail to “Wow” reviewers <ul style="list-style-type: none"> <li>○ Advance distribution of 2 examples of outstanding grants</li> <li>○ Detailed paragraph by paragraph, line by line discussion of why they are so effective</li> <li>○ Advanced distribution of Summary Statements for unfunded grant(s)</li> <li>○ Deconstruction of the comments and planning a response</li> </ul> </li> </ul>
December 7	<ul style="list-style-type: none"> <li>▪ Professional Networking and presenting your work</li> </ul>