



## Research Mentor Training 2019

### Material assembled by NIH OITE from:

Wisconsin Program for Scientific Teaching <http://scientificteaching.wisc.edu/> & *Entering Mentoring*

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**Class Location & Time: Rodbell A, 12:00PM-2:00PM**

Dates	Topics	Assignments	Readings
<b>Week 1</b> May 3	<b>Establishing Expectations and Effective Communications</b> <ul style="list-style-type: none"><li>• Introductions</li><li>• Case study: The Sulky Undergraduate</li><li>• Establishing expectations – the mentor's and the mentee's</li><li>• Communication/Learning styles</li><li>• Case Study: The Slob</li></ul>	<ol style="list-style-type: none"><li>1. Write a paragraph describing your mentoring philosophy</li><li>2. Write a paragraph describing your mentee's project (what expectations do you have, what communications tools can/should you use?)</li><li>3. List 10 phrases (both positive and negative) heard from advisors that impacted you</li></ol>	<a href="#">"What is a mentor?" in Advisor, Teacher, Role Model, Friend by NAS</a>
<b>Week 2</b> May 17	<b>Assessing Understanding, Ethics and Diversity</b> <ul style="list-style-type: none"><li>• How do you know that they understand what you are saying?<ul style="list-style-type: none"><li>• Case Study: It Seemed So Clear When You Explained It</li></ul></li><li>• Discuss research ethics/notebooks</li><li>• Case Studies: Tweaking the Data</li><li>• Discuss ways differences can impact the mentoring relationship</li><li>• Case Studies: Is it OK to ask?</li></ul>	<ol style="list-style-type: none"><li>1. Ask your mentee why they are keeping a lab notebook. Discuss ethics and truthfulness in research practice and write a summary of your discussion.</li><li>2. Write a reflection on how you and your mentee (or past mentees) differ and how these differences could impact your relationship</li></ol>	<a href="#">"Benefits and Challenges of Diversity"; WISEL</a>
<b>Week 3</b> May 31	<b>Identifying Mentoring Challenges</b> <ul style="list-style-type: none"><li>• Share case studies from your first few weeks – challenges and suggestions</li><li>• Giving effective feedback</li></ul>	<ol style="list-style-type: none"><li>1. Describe the ways you and your mentee communicate and how you can improve</li><li>2. Present one of your mentoring challenges to your PI (or another you respect as a mentor) and ask how they would handle the situation. Submit a summary of their response and what you thought about it.</li><li>3. Fill out Nature's Guide for Mentors</li><li>4. Rewrite your mentoring philosophy</li></ol>	<a href="#">"Nature's Guide for Mentors"; Lee et al.</a>  <a href="#">"Mentoring Learned, Not Taught"; Jo Handelsman</a>
<b>Week 4</b> June 14	<b>Ending well</b> <ul style="list-style-type: none"><li>• How do you get them ready for the poster</li><li>• How to write a letter of recommendation</li><li>• Discuss mentoring philosophies and how they have changed</li></ul>	<ol style="list-style-type: none"><li>1. Draft a recommendation letter for your mentee</li></ol>	