

How to Train Your Advisor

Dr. Jeremy A. Magruder Waisome UF OGPD Workshop Series October 13, 2021

After this presentation you will be able to...

- Engage in mentoring up best practices
- Leverage the basic principles of growth mindset
- Understand how to be an advocate for yourself

Who am I?

- Instructional Assistant Professor
- 3x Gator Grad and former UF Postdoc
- Mom (human and fur baby), wife, daughter, friend, mentor, and so much more...
- Foodie traveler, lazy violinist









What's one thing that you wish you knew BEFORE you started graduate school?

What is Mentoring?

Mentoring is...

- Relational
- Mutually Beneficial
- Psychosocial and Career Support
- About Development of the Mentee

CONSENSUS STUDY REPORT The Science of **Effective Mentorship** in STEMM **Entering**



Recognizing Effective Mentoring

- Maintains Effective Communication
- Aligns Expectations
- Assesses Understanding
- Fosters Independence

- Addresses Equity and Inclusion
- Promotes Professional Development
- Ethical



What is the mentees role?

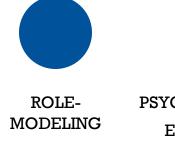
- Be willing to share
- Be open to feedback
- Accountable
- Respectful
- Trustworthy

Mentoring up

- Empowers mentees to be active participants in the mentoring relationship:
 - Shifts the relationship from being unidirectional (top-down) to reciprocal
 - Removes the hierarchical power dynamics
 - An asset-based approach

What do you need?

- Discover and understand a mentor's expectations, constraints,
- Don't assume your mentor understands everything you need
 - Have a constellation of mentors to support you













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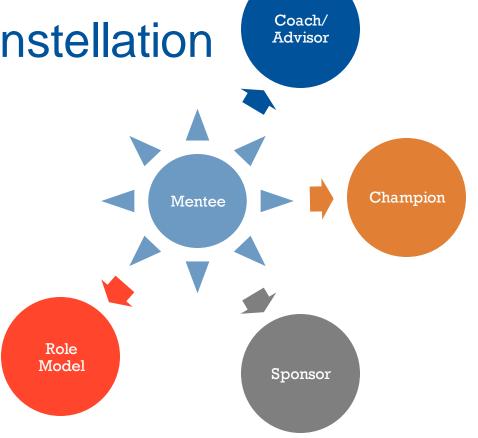


SKILL DEVELOPMENT

Create a Mentor Constellation

Identify a team of individuals to support you

- They can have similar or different roles
- You are the sun, but remember the sun is also a star



1. Become aware of your resources

- Evidence-based mentoring strategies are a great place to start
 - Mentor compacts
 - Individual Development Plan
 - Mentor mapping
 - Accountability mechanisms
- Participate in trainings offered at UF and beyond
 - CIRTL
 - NCFDD

Ex. Mentoring Compact

- An agreement between you and your mentors that serves as the foundation for your mentoring relationship:
 - Goals
 - Steps to achieve goals
 - Meeting frequency
 - Confidentiality
 - Plan for evaluating the relationship effectiveness
 - Termination clause
 - Duration
 - Signatures

2. Shift your mindset

- We don't enter relationships absent of our personal lens on the world
- We have assumptions and biases (explicit and implicit) about ourselves and others
- How we view our capacity to grow, how we address our assumptions and biases can either improve or impede our mentoring relationships



Ex. Assumption Hunt

- You can answer some open-ended questions to learn what your expectations are:
 - What is my/your role as a mentor/mentee
 - What are my responsibilities as a mentor/mentee
 - The mentoring relationship should be
 - How often will you meet
 - Who will be responsible for scheduling the meetings
 - If problems arise, how will they be resolved



More on Assumptions

- Bias isn't always bad
- Know your personal limitations
- Learn about your biases:
 - Take an <u>implicit association test</u>
 - Learn about your mentees' background/interests/goals
 - Attend trainings and seek support
 - Read scholarship on mentoring, implicit bias, DE&I in STEM



Q: What are some positive/negative assumptions found in a mentoring setting?

Assumption Hunt

Work towards a growth mindset

- The belief that you can develop your talents and abilities through hard work, good strategies, and help from others
- Research indicates that having a growth mindset can profoundly impact motivation, enabling one to focus on learning, persist more, and learn more
- It is a quality that is L E A R N E D and not innate

Growth Mindset Activity

- How did your parents, professors, and/or teachers praise you as you were growing up or in college?
- Did they tell you how "smart" you were, or did they focus on how hard you worked?
- When do you feel smart? Recount a recent experience where you felt smart.

Growth mindset activity

- You will be put into breakout rooms where you will ask yourselves a series of questions
- Based on the ability/trait/skill presented, you will place yourself on a growth mindset continuum
- The continuum ranges from not malleable at all to very malleable
- There is no right/wrong answer

Growth vs. Fixed Mindset Continuum: Group Roles

To assign roles, consider using your birth months:

Jan-March:

Facilitator

April-June:

Task Manager

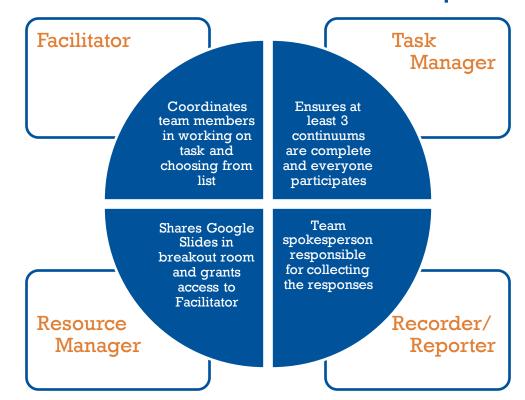
July-Sept:

Resource Manager

Oct-Dec:

Recorder/Reporter

(If 5 people are in your group, you can have two recorder/reporters)



Growth/Fixed mindset continuum

Step 1: Pick an item from the list and drag it into the blanks (copy it to paste it in the second blank)

Step 2: Choose a Meeple and drag it onto the mindset continuum in response to Question 2

Step 3: Discuss with your group

- How malleable do you think _____
- Do you think _____ is something that can be improved?

The List

Artistic Ability Creativity

Extraversion Athleticism

Intelligence

Math ability

Singing

Empathy

Ability to pay attention

Ability to control impulses

Growth vs. Fixed Mindset Continuum Debrief

- Were there any ah-ha moments or surprises for you?
- What worked about this activity? What didn't?
- How could you adapt this type of activity to identify areas where you have a growth/fixed mindset as a student/researcher?

Connect w/ me

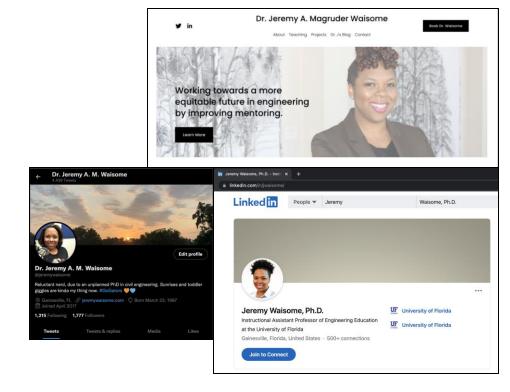
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Resources

Online

- <u>CIMER Project at University of Wisconsin-Madison</u>
- NASEM The Science of Effective Mentoring in STEMM Online Guide
- National Center for Faculty Development and Diversity
- MindTools Communication Inventory
- The Mentor's Way: An Introduction to the Eight rules of Mentoring

At UF

- CTSI Mentor Academy
- International Mentoring Association
- Faculty Learning Communities through the Center for Teaching Excellence
- Training through Multicultural & Diversity Affairs
- Office of graduate Professional Development

Herbert Wertheim College of Engineering UNIVERSITY of FLORIDA