

GRADUATE TRAINING SERIES



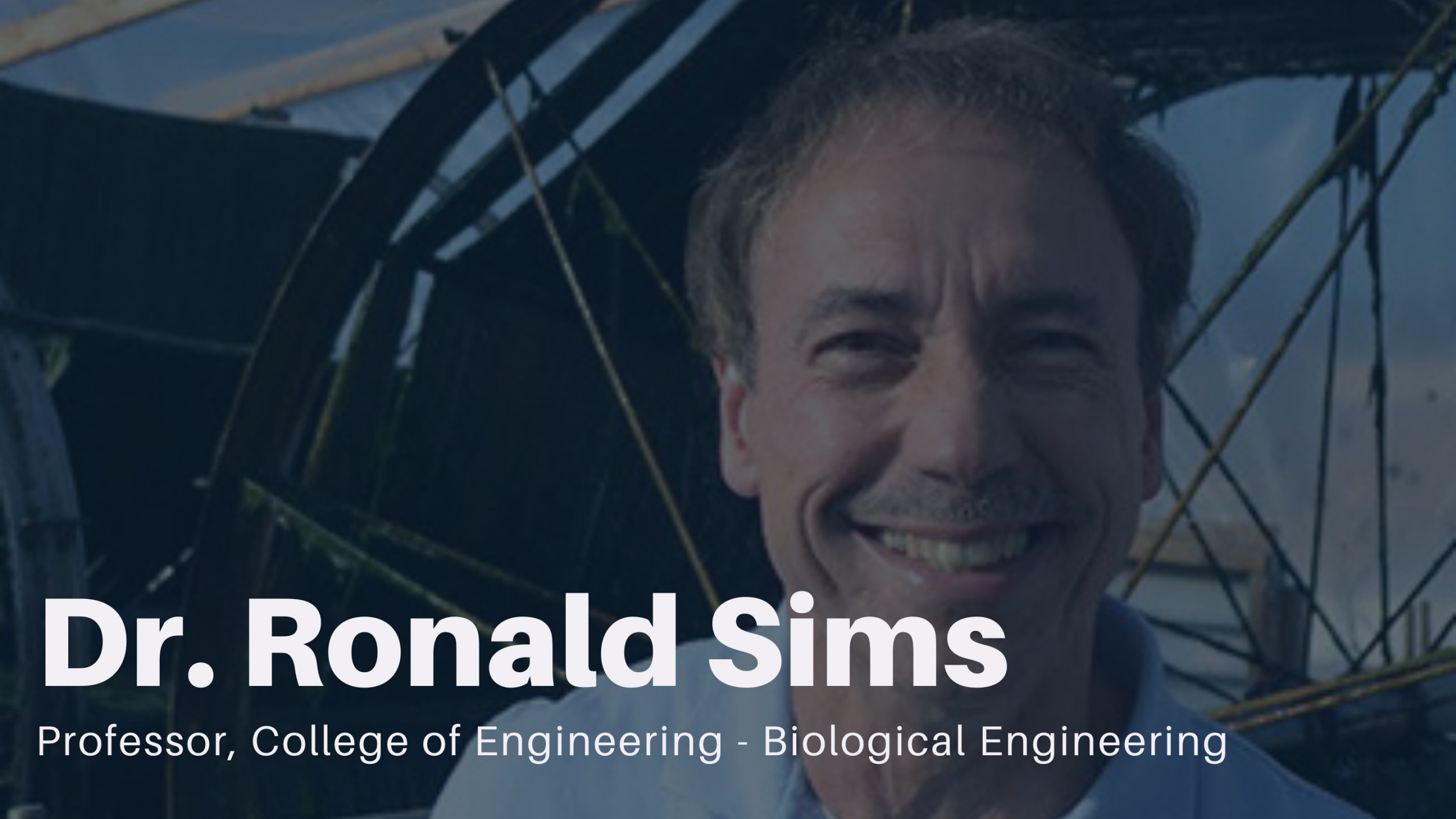
Dr. Melanie Domenech Rodríguez
Psychology



Dr. Ronald Sims
Biological Engineering



September 26, 2022 | 2:30 p.m. - 4:00 p.m.
Merrill-Cazier Library | Room 154 | Zoom

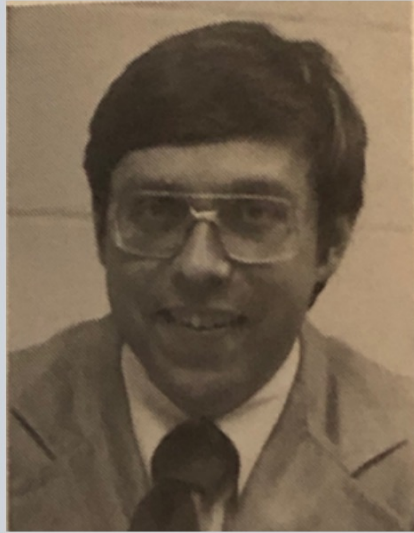


Dr. Ronald Sims

Professor, College of Engineering - Biological Engineering

Research and Mentor Advice & Insights

SGS Weekend Visit 2022, Dr. Ron Sims



- Finding a mentor!
- What an ideal mentor should be like
 - What a student should look for and expect from a mentor
- Mentee expectations (i.e., how to be a good mentee)
- What successful mentor-mentee interactions can look like
 - What are the results of a successful mentorship

What is a mentor?

What is the role of a mentor?

How do you find a mentor?

- **Mentor**
 - **An experienced and trusted adviser; tutor; coach**
- **Role of a mentor**
 - **A mentor may share with a mentee (or protege) information about his or her own career path, as well as**
 - **Provide guidance, motivation, and role modeling**
 - **Help with exploring careers, setting goals, developing contacts, and identifying resources**
- **How to find a mentor**
 - **Advisor = mentor ?**
 - **Be proactive in seeking individuals and asking questions**
 - **E-mail and office visits**

Research

- *Imagination*
- *Initiative*
- *Inspiration*
- *“Search Again”*
- *“Fail Forward”*
- *Discovery*



Carl Sagan – Research “is more than a body of knowledge. It’s a way of thinking
a way of skeptically interrogating the universe”

Albert Einstein – “Imagination is more important than knowledge”

What an ideal mentor should be like

What a student should look for

- If **you** were a mentor, how would **you** behave?
 - Preconceived concepts
 - Experience
- **My** comments
 - Communicate with students
 - Provide constructive feedback
 - Treat mentee with respect & trust
 - Foster professional networks

Mentee Expectations

(how to be a good mentee)

- **Show imagination - come up with new ideas**
- **Show initiative/be proactive**
- **Demonstrate inspiration for your work**
- **Establish trust & respect**
- **“Fail Forward”**
- **Ask for feedback/criticism**
- **Join a professional society**
- **Communicate in as many ways as possible**
- **Help your mentor to be successful**

What successful mentor-mentee interactions look like

What are the results of a successful mentorship

- **Mutual success:**
 - **Making contributions/discoveries**
 - **Professional development**
 - **Leadership**
- **Mentee - Metamorphosis - transformation that is qualitative as well as quantitative**
 - **"...a way of thinking,
a way of skeptically interrogating the Universe" (Carl Sagan)**
- **Mentee learns about being a mentor**
- **Mentor - gains experience as a mentor along with success**

Research and Mentorship

Hard Work and Rewarding

Make the World a Better Place

- *Imagination*
- *Initiative*
- *Inspiration*
- *“Search Again”*
- *“Fail Forward”*
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