



Research Experience and Mentoring

Career Panel Supplement: Expert Interviews

Periodically, members of the Research, Experience, and Mentoring (REM) team have the opportunity to interview experts from academia, industry, and business on their experiences with research. This document serves as a repository for this resource.



Carl Lamar
Lead Customer Service Engineer
GE Additives

MS, Mechanical Engineering
Clemson University

Complete interview with Carl Lamar: <https://youtu.be/vgVLoXgdiz0>

Introduction

<https://www.youtube.com/embed/vgVLoXgdiz0?start=0&end=75&rel=0>

Describe your initial experiences with research as an undergraduate:

<https://www.youtube.com/embed/vgVLoXgdiz0?start=77&end=146&rel=0>

How were you introduced to the topic of your research?

<https://www.youtube.com/embed/vgVLoXgdiz0?start=147&end=206&rel=0>

What was your experience like when you first approached research literature?

<https://www.youtube.com/embed/vgVLoXgdiz0?start=207&end=310&rel=0>

Describe your relationship(s) with your advisors / research mentors:

<https://www.youtube.com/embed/vgVLoXgdiz0?start=312&end=445&rel=0>

What have you been able to take from your experiences with research into your current position in industry?

<https://www.youtube.com/embed/vgVLoXgdiz0?start=446&end=589&rel=0>

What was the decision process like when you made the choice to go from academia to industry?

<https://www.youtube.com/embed/vgVLoXgdiz0?start=598&end=738&rel=0>

What is the best piece of advice you received as an undergraduate in terms of approaching research?

<https://www.youtube.com/embed/vgVLoXgdiz0?start=746&end=807&rel=0>

What impact to the broader community have you been able to make through research?

<https://www.youtube.com/embed/vgVLoXgdiz0?start=817&end=939&rel=0>

What piece of advice would you provide to an undergraduate who is considering getting into research?

<https://www.youtube.com/embed/vgVLoXgdiz0?start=942&end=1020&rel=0>



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Hamilton Allen
Director of Training and Technical Services
Senske Lawn and Tree Care

Ph.D, Entomology
Clemson University

Complete interview with Carl Lamar: <https://youtu.be/WmXemmw7eac>

Introduction

<https://www.youtube.com/embed/WmXemmw7eac?start=0&end=34&rel=0>

At what point of your educational career did you first start doing research?

<https://www.youtube.com/embed/WmXemmw7eac?start=40&end=113&rel=0>

What got you into the field you chose to study?

<https://www.youtube.com/embed/WmXemmw7eac?start=114&end=185&rel=0>

What were some of the ways that you found research opportunities?

<https://www.youtube.com/embed/WmXemmw7eac?start=201&end=270&rel=0>

What comes to mind when you hear the word 'networking?'

<https://www.youtube.com/embed/WmXemmw7eac?start=318&end=434&rel=0>

What was the best piece of advice you received in terms of pursuing research?

<https://www.youtube.com/embed/WmXemmw7eac?start=439&end=552&rel=0>

What was the benefit of getting a breadth of research experiences?

<https://www.youtube.com/embed/WmXemmw7eac?start=554&end=645&rel=0>

What was it like when you were first introduced to reading research articles?

<https://www.youtube.com/embed/WmXemmw7eac?start=654&end=825&rel=0>

Who were the most influential people in your career, both undergraduate and graduate?

<https://www.youtube.com/embed/WmXemmw7eac?start=840&end=990&rel=0>

What were the benefits of having a research background to your current career?

<https://www.youtube.com/embed/WmXemmw7eac?start=1007&end=1288&rel=0>

What has been the toughest thing for you in transition into your current role (i.e., industry vs. academia)?

<https://www.youtube.com/embed/WmXemmw7eac?start=1288&end=1403&rel=0>



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What broader impacts does your research have to the broader community?

<https://www.youtube.com/embed/WmXemmw7eac?start=1414&end=1665&rel=0>

What advice would you give to an undergraduate considering getting into research?

<https://www.youtube.com/embed/WmXemmw7eac?start=1666&end=1761&rel=0>



Crystal Leach
Director of Industry Collaborations
University of Georgia

Ph.D, Textiles and Polymer Science
Clemson University

Complete interview with Crystal Leach: https://youtu.be/1iE_qZ4XNyg

Introduction

https://www.youtube.com/embed/1iE_qZ4XNyg?start=0&end=228&rel=0

What sparked your interest in research?

https://www.youtube.com/embed/1iE_qZ4XNyg?start=249&end=362&rel=0

How did you find out about research opportunities?

https://www.youtube.com/embed/1iE_qZ4XNyg?start=369&end=445&rel=0

What comes to mind when you think about the idea of networking?

https://www.youtube.com/embed/1iE_qZ4XNyg?start=452&end=551&rel=0

Regarding research, what was the best piece of advice you received as a student?

https://www.youtube.com/embed/1iE_qZ4XNyg?start=561&end=701&rel=0

What benefits to your development as a researcher did you gain from your independent, self-guided approach?

https://www.youtube.com/embed/1iE_qZ4XNyg?start=711&end=793&rel=0

Describe your experiences in first reading research articles or doing literature reviews.

https://www.youtube.com/embed/1iE_qZ4XNyg?start=817&end=921&rel=0

Who were the most influential people in your research career, both educationally and professionally?

https://www.youtube.com/embed/1iE_qZ4XNyg?start=924&end=1054&rel=0

What were the biggest differences in research culture between working in academia and business?

https://www.youtube.com/embed/1iE_qZ4XNyg?start=1080&end=1292&rel=0



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What were some of the difficulties during the transitional phases of your career, and what would you consider to be your most spectacular failure?

https://www.youtube.com/embed/1iE_qZ4XNyg?start=1310&end=1500&rel=0

What advice would you give to an undergraduate considering getting into research?

https://www.youtube.com/embed/1iE_qZ4XNyg?start=1519&end=1629&rel=0