



# Kaitlin Tyler

Education Content Developer

## BIO

Ever since attending a talk about the materials in a knee replacement, Kaitlin has been interested in materials. Her interests have switched from biomaterials to batteries to metals, finally settling on materials education.

## GOALS

- Enable Ansys users to teach materials science and materials selection
- Empower educators and learners
- Help teach the next generation

## Ansys EXPERIENCE

Kaitlin started her career at Ansys right after her graduate work as part of the new Materials Business Unit. Her work is supporting academics teaching materials science, with a focus on introductory materials courses in the United States.

## SPECIALTIES

- Materials Education
- Phase Diagrams
- Materials Selection
- Engineering Outreach

## RESEARCH INTERESTS

- Engineering Education
- Outreach Efficacy
- Metallic Solidification
- Research Safety

## PROFESSIONAL

### EDUCATION

Doctorate in Materials Science and Engineering, University of Illinois at Urbana-Champaign, USA

Bachelors in Materials Science and Engineering, Michigan State University, USA

## PERSONAL

### INTERESTS

Cooking, Hiking, Crochet, Calligraphy, Dance

### LANGUAGES

English

## COMPETENCIES

MATERIALS



ENGINEERING EDUCATION



LEADERSHIP



Ansys MATERIALS



“Materials are everywhere– at Ansys, I am able to support teaching of materials around the world”