



Canadian Association  
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## Teaching Physics to a diverse student base

*Tuesday 10 June 2025 13:30 (30 minutes)*

I am honoured to receive the CAP Medal for Excellence in Teaching Undergraduate Physics, which is a testament to the many colleagues and students who have inspired and helped me to become a better teacher. In this talk, I will highlight some of the approaches I've taken to making Physics accessible to students with diverse backgrounds and interests. For example, what I have done to engage a class of 200+ life science students in learning first-year electromagnetism? How do I teach third-year biophysics to students from multiple different departments and programs, with strongly varying backgrounds in Math and Physics? How do I motivate students to learn the course material? By sharing some of these ideas, I hope to stimulate discussion about how we can all improve as educators, in helping students to discover the beauty, wonder and utility of Physics.

### Keyword-1

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### Keyword-2

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