

# Samuel Wallace

Up to Date as of November 2020

## Contact

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Office: TBD

## About Me

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I am an Applied Mathematics graduate student who looks to apply methods from Partial Differential Equations to solve problems in continuum mechanics. I also seek to popularize and demonstrate to non-experts the power of mathematical methods in the natural sciences.

I am also interested in high-performance computing and associated numerical methods for my area of study.

## Education

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**PhD** University of Illinois at Chicago, Chicago, IL  
August 2020 - May 2025 (Expected)  
Area of Research: Applied Math, Continuum Mechanics

**BS** University of Florida, Gainesville, FL  
August 2016- May 2020  
Majors: Mathematics and Physics

## Teaching

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**August 2020 - present** Teaching Assistant at University of Illinois at Chicago  
Lead discussion sections for Calculus I  
Facilitated group work and evaluated presentations by students

**Summer 2020** Aspire Precollege  
Physics instructor and Engineering Teaching Assistant  
Designed experiments and activities to be done by high schoolers during a virtual summer school

## Papers & Conferences

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**October 2019** AMS Southeastern Sectional Meeting  
Participant

**November 2020** Chicago Area SIAM Student Conference  
Participant