

# Corey J. Sargent

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Spring 2021 – Present  
Spring 2021  
Spring 2019

## EDUCATION

**Old Dominion University** – Norfolk, VA  
PhD student/TA, Department of Physics  
M.S. in Physics  
B.S. in Physics with Honors, Minor in Mathematics, Summa Cum Laude

## AWARDS/CERTIFICATIONS

- College of Sciences Dominion Scholar, ODU (2020)
- Outstanding Senior Award in Physics, ODU (2019)
- Clifford L. and Lillian R. Adams Physics Scholarship, ODU (2017) (2018)
- SSI Open Water SCUBA Diver Certified (2019)
- BSA Eagle Scout (2014)

## PUBLICATIONS

- "Significance of Gravitational Nonlinearities on the Dynamics of Disk Galaxies",  
A. Deur, C. Sargent and B. Terzić 2020, *Astrophysical Journal*, 896, 94

## INTERSHIPS/RESEARCH EXPERIENCE

**NASA Student Airborne Research Program (SARP)** Summer 2018  

- Conducted airborne research; utilized hyperspectral imaging to study wildfires Irvine, CA

## ORGANIZATIONS

**National Society of Collegiate Scholars**, Member 2015  

- Memberships offered to 1<sup>st</sup> and 2<sup>nd</sup> year students in the top 20% of their class Norfolk, VA

**Golden Key International Honor Society**, Member 2017  

- Memberships offered to undergraduates in the top 15% of their class Norfolk, VA

**Phi Kappa Phi Honor Society**, Member 2018  

- Memberships offered to the top 7.5% of juniors and top 10% of seniors Norfolk, VA

**Sigma Pi Sigma Physics Honor Society**, Member 2019  

- Membership offered to students with outstanding achievements in physics Norfolk, VA

## WORK EXPERIENCE

**Old Dominion University Research Foundation**, Presenter 2019, 2021  

- Aided the physics departments' presentation during ODU BLAST Norfolk, VA

**Old Dominion University Math Department**, Tutor Spring 2017  

- Tutor for ODU students in the campus calculus lab Norfolk, VA

**Old Dominion University Perry Honors College**, Academic Coach Fall 2018  

- Mentored ODU honors students in upper-level calculus and physics courses Norfolk, VA

**Hercules Moving**, Laborer 2010 – Present  

- Demonstrates team cooperation in a physically demanding workplace Virginia Beach, VA