

# Adam M. Kawash

Michigan State University  
Dept. of Physics and Astronomy  
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<https://amkawash.github.io>

## ***Education:*** \_\_\_\_\_

**Ph.D.** Candidate in Astrophysics 2017–Present  
Michigan State University  
Advised by Dr. Laura B. Chomiuk

**B.S.** in Physics 2016  
West Virginia University, Summa Cum Laude

## ***Research Experience:*** \_\_\_\_\_

Modeling Mass Loss of the Nova, Sgr 2014 2017–Present  
Michigan State University Physics and Astronomy Department  
Advised by Dr. Laura Chomiuk

Timing of Pulsars in the Green Bank Northern Celestial Cap Survey 2015–2017  
West Virginia University Physics and Astronomy Department  
Advised by Dr. Maura McLaughlin

Commissioning CASPR Backend Instrument for HI Absorption and Emission 2015  
Australia Telescope National Facility  
Advised by Dr. Matthew Kerr

## ***Teaching Experience:*** \_\_\_\_\_

Teaching Assistant 2017–2019  
Michigan State University

Tutor 2015–2017  
West Virginia University Athletic Department

## ***Honors and Awards:*** \_\_\_\_\_

MSU Physics and Astronomy Graduate Teaching Assistant Award April 2018

WVU Tutor of the Month November 2016

President's List Spring 2013, 2014, 2016

Dean's List Fall 2012, 2013, 2014, 2015; Spring 2015

Mountaineer Scholarship August 2012–May 2016

Engineering Achievement Scholarship August 2012–May 2016

West Virginia Promise Scholarship August 2012–May 2016

## ***Outreach Activities:*** \_\_\_\_\_

Telescope Operator on Public Observing Nights at MSU Campus Observatory 2017–2018

Panel Member at Astronomy on Tap, Lansing, MI 2017–2019

Docent at MSU Solar Eclipse Event 2017

Docent at PULSE@Parkes Events 2015

***Conferences Attended:*** 

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Astrophysical Frontiers in the Next Decade and Beyond Portland, OR	June 2018
NRAO Synthesis Imaging Workshop Socorro, NM	May 2018
European Week of Astronomy and Space Science Liverpool, UK	April 2018
The 35th Jerusalem Winter School in Theoretical Physics Jerusalem, IL	December 2017
NANOGrav 2017 Spring Meeting Morgantown, WV	April 2017
NANOGrav 2017 Student Workshop Morgantown, WV	April 2017
International Pulsar Timing Array Science Week Stellenbosch, ZA	June 2016
International Pulsar Timing Student Week Stellenbosch, ZA	June 2016
International Pulsar Timing Array Science Week Katoomba, AUS	July 2015
International Pulsar Timing Student Week Parkes, AUS	July 2015

***Refereed Publications:*** 

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1. Kawash, A. M.; McLaughlin, M. A.; Kaplan, D. L. et al. 2018. “*The Green Bank Northern Celestial Cap Pulsar Survey. II. The Discovery and Timing of 10 Pulsars*”  
The Astrophysical Journal, accepted