

# Fronefield Crawford III

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## Education

2000 Ph.D. in Physics, Massachusetts Institute of Technology  
1994 B.A. with Honors in Astrophysics, Williams College

## Employment and Professional Appointments

2018 - Professor of Astronomy, Franklin & Marshall College  
2017 - Director of Astronomy Program and Grundy Observatory, Franklin & Marshall College  
2016 - Faculty Don of Weis College House, Franklin & Marshall College  
2011 - 2018 Associate Professor of Astronomy, Franklin & Marshall College  
2006 - 2011 Assistant Professor of Astronomy, Franklin & Marshall College  
2002 - 2006 Visiting Assistant Professor of Physics, Haverford College  
2000 - 2002 Senior Systems Engineer, Lockheed Martin Corporation  
1994 - 2000 Graduate Research and Teaching Assistant, Massachusetts Institute of Technology

## Honors and Awards

2009 Most Influential Professor in the Natural Sciences Award, Franklin & Marshall College  
1999 Donald C. Stockbarger Fellowship, MIT Physics Department  
1994 Astronomy Department Prize, Williams College

## Selected Professional Responsibilities and Service

2019 Reviewer for NSF Astronomy and Astrophysics Postdoctoral Fellowship Program  
2018 External Reviewer for Tenure and Promotion, Wheaton College  
2018 Doctoral Committee External Member, University of Amsterdam  
2018 Proposal Reviewer for the German Research Foundation  
2018 Reviewer for Fermi Gamma-ray Observatory Proposals  
2016 - 2018 Invited Nominator for the Shaw Prize in Astronomy  
2016 Selection Committee for F&M New York POSSE Class of 2021  
2015 Chair, Department of Physics and Astronomy, Franklin & Marshall College  
2015 Reviewer for Veni Grants Program, Netherlands Organisation for Scientific Research  
2014 - 2018 Marshall Fellowship Committee, Franklin & Marshall College  
2012 Application Reviewer for NASA Postdoctoral Program  
2011 - 2015 Search Committees for F&M Dean of College (2012) and VP of Enrollment (2011, 2015)  
2010 - 2015 Chair of F&M Committee on Admission (2010-13) and Honorary Degree Committee (2014-15)  
2010 R&D Project Consultant, Raytheon Corporation  
2009 Reviewer for Astronomy and Astrophysics Grants Program, National Science Foundation  
2008 - Referee for Astrophysical Journal, Physical Review Letters, and American Journal of Physics  
2005 - 2013 Reviewer for Physics and Astronomy Textbook Publishers  
2003 Reviewer for U.S. Civilian R&D Foundation Cooperative Grants Program  
2002, 2005 Reviewer for Chandra X-ray Observatory Proposals  
1997 - 1999 MIT Physics Education Committee

## Membership

2015 - NANOGrav Consortium (Full Member, Chair of Search Working Group, 2017 - )  
2013 - 2018 Arecibo Remote Command Center (ARCC) Network (Chair, 2017-18)  
2006 - International Astronomical Union  
2005 - Arecibo PALFA Pulsar Survey Consortium (Executive Committee, 2010 - )  
1992 - American Astronomical Society

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