

# 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

2022 - Charles A. Dana Professor of Physics and Astronomy, Franklin & Marshall College  
2020 - 2022 Chair, Department of Physics and Astronomy, Franklin & Marshall College  
2018 - 2022 Professor of Astronomy, Franklin & Marshall College  
2017 - Director of Grundy Observatory, Franklin & Marshall College  
2016 - 2019 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

## Honors and Awards

2024 Frontiers of Science Award in Theoretical Physics, International Congress of Basic Science  
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

2023 - Advanced L-band Phased Array Camera for Astronomy (ALPACA) Advisory Group  
2023 External Reviewer for Promotion, Trinity University  
2021 Chair, Organizing Committee, NANOGrav Consortium Spring Meeting  
2020 External Reviewer for Promotion, University of Texas Rio Grande Valley  
2018 External Reviewer for Tenure and Promotion, Wheaton College  
2018 Doctoral Committee External Member, University of Amsterdam  
2018 - 2019 Proposal Reviewer for the German Research Foundation  
2018 Reviewer for Fermi Gamma-ray Observatory Proposals  
2016 Selection Committee for F&M New York POSSE Class of 2021  
2015 Reviewer for Veni Grants Program, Netherlands Organisation for Scientific Research  
2012, 2019 Reviewer for NASA Postdoctoral Program  
2011 - 2015 Search Committees for F&M Dean of the 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 Independent Consultant, Research Innovation Challenge IDEA Program, Raytheon Corporation  
2009 Reviewer for Astronomy and Astrophysics Grants Program, National Science Foundation  
2008 - Journal Referee for ApJ, MNRAS, PRL, and AJP  
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

2020 - 2023 Project G5731 ("Demining Robots"), NATO Science for Peace and Security Programme  
2015 - NANOGrav Consortium (Full Member, 2017 -, Chair of Search Working Group, 2017-19)  
2013 - 2018 Arecibo Remote Command Center (ARCC) Network (Chair, 2017-18)  
2006 - International Astronomical Union  
2005 - 2022 Arecibo PALFA Pulsar Survey Consortium (Executive Committee, 2010-22)  
1992 - American Astronomical Society

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