

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

2017 - Head of Astronomy Program and Director of Grundy Observatory, Franklin & Marshall College
2016 - Faculty Don of Weis College House, Franklin & Marshall College
2015 - Chair, Department of Physics and Astronomy, Franklin & Marshall College
2011 - Associate Professor, Franklin & Marshall College
2006 - 2011 Assistant Professor, Franklin & Marshall College
2002 - 2006 Visiting Assistant Professor, 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

2016, 2017 Invited Nominator for the Shaw Prize in Astronomy
2016 Selection Committee for F&M New York POSSE Class of 2021
2015 Reviewer for Veni Grants Program, Netherlands Organisation for Scientific Research
2012 Reviewer for NASA Postdoctoral Program
2011 - 2015 Search Committees for F&M Dean of College (2012) and VP of Enrollment (2011, 2015)
2010 - 2014 Chair of F&M Committee on Admission (2010-13) and Honorary Degree Committee (2014-15)
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
1999 - Supervisor for 37 undergraduate astronomy research projects (not including ARCC activities)
1997 - 1999 MIT Physics Education Committee

Membership

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

Publications and Presentations

68 refereed publications; 81 conference talks or posters; 39 research talks

September 6, 2017