

Brian Lee Winer

Education:

University of California, Berkeley

Ph.D. (1991); Thesis Advisor: Prof. James Siegrist

M.A. in Physics (1989)

Michigan State University

B.S. with Honor in Physics (1986)

Professional Positions:

10/05 - pres: Professor of Physics, The Ohio State University

Research: High Energy Physics studies with emphasis on the search for the Higgs boson. Also, γ -Ray Astroparticle Physics with the GLAST/Fermi satellite and the search for dark matter.

01/09 - 09/11: Director of the Honors Collegium, The Ohio State University

The Honors Collegium provides resources and support for ~ 60 of the top undergraduates at the university. These are purposeful students that seek to extend themselves beyond their baccalaureate degree through research, study abroad, internships, and service.

10/01 - 09/05: Associate Professor of Physics, The Ohio State University.

Research: High energy particle physics and astroparticle physics with a concentration on the origin of mass and the search for dark matter.

06/96 - 09/01: Assistant Professor of Physics, The Ohio State University.

Research: High Energy Physics studies using the CDF detector with emphasis on understanding the top quark and development of trigger electronics for CDF II.

01/96 - 06/96: Assistant Professor of Physics, Columbia University.

Research: Development of trigger electronics for the D0 upgrade.

03/91 - 12/95: Instructor and Fellow in Physics, University of Rochester.

Research: High Energy Physics studies of $t\bar{t}$ production and R&D of scintillating tile-fiber calorimeters.

Prior positions provided upon request.

Awards and Honors:

2009: Fellow of the American Physical Society
2007: University Distinguished Undergraduate Research Mentor (The Ohio State University)
2007: The University Alumni Award for Distinguished Teaching (The Ohio State University)
1997: US Department of Energy Outstanding Junior Investigator (1997-2001)
1995: The Sambamutri Memorial Lecturer, Brookhaven National Laboratory
1986: Membership in Phi Kappa Phi, National Honor Society
1985: Membership in Sigma Pi Sigma, National Physics Honor Society
1985: Bruce J. VerWest Award, Department of Physics, Michigan State University

Professional Associations:

1985 - Present: Member of Sigma Pi Sigma Honor Society
1987 - Present: Member of the American Physical Society
2011 - Present: Member of the Sigma Xi Research Society

Research/Professional Activities:

10/12 - 4/13 Co-Convenor of the CMS L1 Trigger Upgrade Performance Task Force
6/11 - Present Member of the CMS Collaboration
10/09 - 10/12 Member of the Astronomy and Astrophysics Advisory Committee
for NSF-DOE-NASA
11/11 - Present CDF Review Committee for the Higgs to WW Analysis
08/11 - 09/12 CDF Review Committee for the top-antitop Afb Analysis
05/08 - 05/09 Chairman CDF Review Committee for the jjbb Higgs Search Analysis
03/08 - 10/09 Chairman CDF Review Committee for the W+b Analysis
10/07 - 08/08 Session Organizer for ICHEP 2008
11/07 - 03/08 CDF Internal Reviewer for the Single Top Analysis
06/07 Readiness Review Committee for CDF Level 2 Upgrade (Chair)
06/07 Session Leader; 8th Great Lakes Workshop on Cosmology
04/07 Member of the Department of Energy Outstanding Junior Investigator
Review Committee

- 07/05 Host/Organizer for *CDF Workshop on Higgs and Top Physics with Lepton+Jets* held at Ohio State University, July 26-27, 2005.
- 10/04 - 01/06 Chairman of the CDF Internal Review Committee of the WH Higgs search analysis
- 04/04 US Department of Energy Review Committee member for the review of Brookhaven National Laboratory
- 02/04 - Present Member of the GLAST Front-End Electronics and Data Acquisition Group
- 02/04 - Present Member of the GLAST-LAT Collaboration
- 09/03 - 09/06 Member of the XFT2 Upgrade Group (Co-Manager)
- 04/03 US Department of Energy Review Committee member for the review of Brookhaven National Laboratory
- 01/03 - 11/03 Co-Chairman of CDF's *Run II Higgs Sensitivity Committee*
- 09/01 - Present Member of the CDF-II Collaboration
- 08/01 - 06/02 Chairman of CDF's *Run 2B Tracking Oversight Committee*
- 06/96 - 09/03 Member of the CDF eXtremely Fast Tracker (XFT) Group: The group is developing trigger electronics for the CDF II detector.
- Activities prior to 2000 provided upon request.*

Recent University, College and Departmental Committees:

- 09/14 - 5/15 Departmental Undergraduate Studies Committee
- 09/14 - 5/15 Departmental Space Committee (Chair)
- 09/13 - 5/14 Departmental Budget Committee
- 09/12 - 5/14 Departmental Personnel Resources Committee
- 09/12 - 5/14 Departmental Graduate Studies Committee
- 09/09 - 6/11 University Fulbright Scholarship Selection Committee
- 05/09 - 6/11 University Rhodes and Marshall Scholarship Selection Committee
- 04/09 - 6/11 Beckman Scholarship Advisory Committee
- 04/09 - 3/12 University Presidential Scholarship Selection Committee
- 01/09 - 6/11 University Truman Scholarship Selection Committee
- 01/09 - 6/11 University Goldwater Scholarship Selection Committee
- 01/09 - 6/11 University Udall Scholarship Selection Committee

09/07 - 06/09 Departmental Personnel Resources Committee (Chair, 08-09)
09/08 - 01/09 Departmental Ad Hoc Service Course Committee
01/08 - 02/08 Departmental Chair Search Committee
09/07 - 06/08 Departmental Computer Committee
11/07 - 06/08 MPS College Promotion and Tenure Committee
04/07 - 06/08 Review Committee on University Centers
01/07 - 06/08 Colleges of the Arts and Sciences Leadership Committee
09/04 - 06/07 University Senate, Faculty Council
09/04 - 09/08 Council on Academic Affairs (Chair, 06-07)
09/06 - 06/07 Faculty Cabinet
09/06 - 06/07 Physics Department Computer Shops Committee
09/06 - 06/07 Physics Department Service Courses Committee

Contact Information:

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