CURRICULUM VITAE – Paul D. Grannis

May 15, 2024

EDUCATION:

B. Eng. Phys., with Distinction, Cornell University (1961)

Ph.D. University of California, Berkeley (1965)

Thesis: *Measurement of the Polarization Parameter in Proton-Proton Scattering from 1.7 to 6.1 BeV* Advisor, Owen Chamberlain

EMPLOYMENT:

Research Professor of Physics, State Univ. of New York at Stony Brook, 2007 –

Distinguished Professor Emeritus, State Univ. of New York at Stony Brook, 2007 –

Chair, Department of Physics and Astronomy, Stony Brook, 2002 – 2005

Distinguished Professor of Physics, State Univ. of New York at Stony Brook, 1997 – 2006

Professor of Physics, Stony Brook, 1975 – 1997

Associate Professor of Physics, Stony Brook, 1969 – 1975

Assistant Professor of Physics, Stony Brook, 1966 – 1969

Research Associate, Lawrence Radiation Laboratory, 1965 – 1966

AWARDS:

Danforth Foundation Fellow, 1961 – 1965

Alfred P. Sloan Foundation Fellow, 1969 – 1971

Fellow, American Physical Society, 1987

Fellow, American Association for the Advancement of Science, 2000

Exceptional Teaching Award, Stony Brook, 1992

Exceptional Service Award, U.S. Department of Energy, 1997

John S. Guggenheim Fellowship, 2000 – 2001

American Physical Society W.K.H. Panofsky Prize, 2001

Honorary Doctor of Science, Ohio University, 2009

W. V. Houston Memorial Lectureship, Rice University 2012

Foreign member, Russian Academy of Science, 2016

Co-winner with the members of the DØ Collaboration,
European Physical Society High Energy Particle Physics Prize, 2019

OTHER ACTIVITIES:

Visiting Scientist, Rutherford Laboratory UK, 1969 – 70

Visiting Scientist, CERN, 1973

Visiting Senior Science Research Council Scientist University College London, 1976

Brookhaven National Laboratory Program Advisory Committee, 1975 – 77

SLAC Program Advisory Committee, 1980 – 82

Chairman, Gordon Conference on Elementary Particles, 1983

Spokesman and co-Project Director, DØ Experiment, 1983 - 1993

Guest Scientist, Fermilab, 1983 – 1996

Advisory Committee for Physics, National Science Foundation, 1985 – 88

Panel for Initial Complement of Experiments for the SSC, 1985 – 86

Lawrence Berkeley Laboratory Director's Review Committee for High Energy Physics, 1989 – 92 (chair 1992)

American Physical Society, Panofsky Prize Selection Committee 1990 – 92, 2002

University of Chicago Review Committee for Argonne National Laboratory High Energy Physics Division, 1989 –92; chair 1992

Cornell Electron Synchrotron Rings Program Advisory Committee, 1992 – 94; chair 1994

SSC Laboratory Program Advisory Committee, 1992 – 93

Co-Spokesman, DØ Experiment, 1993 – 1996

Scientific Associate, CERN 1994

Executive Committee, Division of Particles and Fields, American Physical Society; 1995 – 1998, chair 1997

Chair, American Physical Society/AAPT Meeting, 1998

U.S. ATLAS Project Advisory Panel 1997 – 1998

High Energy Physics Advisory Panel (HEPAP), 1997 – 1998

HEPAP Subpanel on Future Directions, 1997 – 1998

Universities Research Association, Board of Overseers for Fermilab, 1998 – 2004

Theoretical Advanced Study Institute Scientific Advisory Board, 1996 – 2003

Stanford University, SLAC Science Policy Committee, 1998 – 2002; chair 2002

Chair, Scientific Advisory Comm., Hadron Collider Physics XII Conf., 1997

Co-Chair US Working Group for Physics and Detectors of e^+e^- Linear Colliders, 1999 – 2002

HEPAP Panel on Planning for U.S. High Energy Physics, 2000

PPARC Fellow, Imperial College London (UK), 2001

HEPAP Subpanel on Outreach and Public Relations, 2002

Editorial Board for Physical Review D, 2002 – 2005

International Linear Collider Steering Committee (ILCSC), 2002 – 2005, 2011 – 2013

International Liniear Collider Steering Committee subcommittee on Parameters and Scope, 2003, 2006

International Technology Recommendation Panel for choice of technology for the Linear Collider, 2003 – 2004

ILCSC search committee for the Central Team director (chair), 2004 – 2005

International Advisory Committee, ILC Accelerator School, 2005 – 2016

US Department of Energy, Office of Science, High Energy Physics
Program Manager for International Linear Collider, 2005 – 2007

Funding Agencies for Large Colliders, Technology Benefits working group chair 2007 – 2008

International Detector Advisory Group for ILC detectors, 2008 – 2013

American Phys. Soc. review committee for Reviews of Modern Physics, 2009

Chair, Linear Collider Steering Group of the Americas, 2010 – 2013

External Review Committee, Department of Physics and Astronomy,
Iowa State University, 2011

Review committee for CLIC detector concepts, 2011

Review committee for Scientific Capability for the
Long Baseline Neutrino Experiment detector concepts, 2011

DØ Institutional Board deputy chair 2011 – 12, chair 2012 – 13

APS Division of Particle and Fields, DOE University Grants panel 2012

Associate Editor for High Energy Physics, Reviews of Modern Physics, 2013 – 2019

Member, Americas Linear Collider Committee, 2013 –

Chair, Committee of Visitors review of the DOE High Energy Physics program, 2013

Chair, Review Committee of the University of Oregon Physics Department 2013

Co-winner Best Article of 2015 in *Physics Uspekhi*

Chair, Advisory Committee for Physics and Detectors, Linear Collider Organization, 2013 – 2016

Co-spokesman DØ Experiment, 2014 –

Committee of Visitors review of the DOE High Energy Physics program, 2016

NSF review panel for LIGO Operations, 2017

Chair, HEPAP subpanel on portfolio review of operating HEP experiments, 2018

Consulting Editor, Physical Review X, 2019

Chair, ATLAS Operations review, Brookhaven Lab, 2019

sPHENIX PD-2/3 review, Brookhaven Lab, 2019, 2020

Chair, ATLAS Operations review, Brookhaven Lab, 2021

Chair, Review Committee for Final Design Report for U.S. Atlas High Luminosity LHC, Brookhaven Lab, 2022

(over 600 publications in peer reviewed journals)

Web page: *http://sbhepnt.physics.sunysb.edu/[tilde]grannis/home.html*

e-mail: `paul.grannis@stonybrook.edu`