CRAIG JAMES HOGAN
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Education:
Ph.D. in Astronomy, Institute of Astronomy and King's College, University of Cambridge, 1980; Thesis Supervisor: Martin Rees
B.A. in Astronomy, summa cum laude, Harvard College, 1976

University Appointments:

Professor, Department of Astronomy and Astrophysics, Enrico Fermi Institute, and Kavli Institute for Cosmological Physics, University of Chicago (2008-)
Scientist III and Director, Center for Particle Astrophysics, Fermi National Accelerator Laboratory (2008-)
Professor, Astronomy and Physics Departments, University of Washington (1993-2008)
Vice Provost for Research, University of Washington (05/2002-11/2005)
Divisional Dean of Natural Sciences, College of Arts and Sciences, University of Washington (07/2001-06/2002)
Chair, Astronomy Department, University of Washington (07/1995-06/2001)
Associate Professor, Astronomy and Physics Departments, University of Washington (1990-1993)
Associate Professor/Astronomer, Steward Observatory, University of Arizona (1989-1990)
Assistant Professor/Astronomer, Steward Observatory, University of Arizona (1985-1989)

Honors and Fellowships:

Team member, High Z Supernova Search team, recognized for discovery of Dark Energy by Nobel Prize in Physics, 2011 to Adam Riess and Brian Schmidt
Fellow, American Academy of Arts & Sciences (2009)
Fellow, American Physical Society (2009)
Gruber Cosmology Prize, 2007 (co-recipient, as member of High Z Supernova Team, for discovery of Dark Energy)
Visiting Professor, Enrico Fermi Institute (2006)
Distinguished Scientist , Fermilab (2004)
Alexander von Humboldt Research Award (1999-2008)
Discovery of the Year, *Science* magazine (1998) (for team's co-discovery of Dark Energy)
Visiting Fellow, Institute of Astronomy, Cambridge University (1987, 1989, 1994)
Center of Excellence Visiting Scholar, Yukawa Institute for Theoretical Physics, Kyoto University (1990)
Alfred P. Sloan Foundation Fellow (1986-1991)
Bantrell Prize Fellow in Theoretical Astrophysics, California Institute of Technology (1982-1985)
National Science Foundation Postdoctoral Fellow, Cambridge, England (1981-1982)
Enrico Fermi Fellow, University of Chicago (1980-1981)

Selected Other Professional Activities:

Laser Interferometer Space Antenna (LISA): LISA International Science Team (2001-2011); Co-Author, LISA Science Case, Science Requirements Documents (2006); Mission Definition Team, (1998-2001)

Large Synoptic Survey Telescope Corporation (LSSTC): Representative, AURA management Council for LSST (2011-); Fermilab LSSSTC institutional representative (2011-); (Founding) Member, Board of Directors (2002-2008); Vice President (2005-2006)

National Research Council/National Academies (NRC/NAS): Member, Mid-course Review Panel (2004-2005); Member, Panel on Theory, Computation, and Data Exploration in Astronomy and Astrophysics of the Astronomy and Astrophysics Survey Committee (Decadal Review, 1999)

NASA: Astrophysics Subcommittee (2006-2010); Chair, (2007-2010); Space Science Advisory Committee (2005); chair, Universe Subcommittee, Science Mission Directorate (2005); Strategic Roadmap Team (2005); Office of Space Science Structure and Evolution of the Universe Subcommittee (SEUS) (2001-2004); chair (2005); Structure and Evolution of the Universe 2003-2028 Roadmap Team (2001-2002); grant PI (1987-2000); UNEX Proposal Review Panel (1998)

National Science Foundation (NSF): AST Senior Review Committee (2005-2006); grant PI (1987-2006); Review Panel, Kavli Institute for Theoretical Physics, Santa Barbara (2004); MPS Theory Workshop (2004); Operations and Science Review Panel, LIGO Project (2001); Committee of Visitors, Division of Astronomical Sciences (1999); Proposal review panel chair, Division of Astronomical Sciences (1998); ad hoc committee on funding of cosmology (1986)

Space Telescope Science Institute (STScI): Co-PI, cycle 14 (2005-); Archive grant PI (2001-2002); General Observer PI, cycles 5 and 7; Hubble Fellowship Review Panel (2000); HDF archive panel (1996); cycle 7 TAC and panel chair (1996)

Stanford Linear Accelerator Center (SLAC): Member, Science Policy Committee (2005-2012)

Astrophysical Research Consortium (ARC): Board of Governors (1998-2003)

Sloan Digital Sky Survey (SDSS): Executive Committee (2000-2003); Scientific Director's Advisory Committee (1998-2003); Advisory Council (1998-2003); Fundraising Task Force (1998-2003); Co-Chair, Southern Survey Working Group (1994-2000); Science Advisory Committee (1994-1998)

Pacific Science Center: Member, Board of Directors (2004-); chair, Science and Education Program Committee (2005-2008)

Seattle Biomedical Research Institute (SBRI): Member, Board of Trustees (2002-2004)

National Space Biomedical Research Institute (NSBRI): Member, Board of Directors (2002-2005)

National Institute for Nuclear Theory (NINT): Program organizer (1996, 2002), lecturer (2009)

Academic Program Reviews: University of Arizona Astronomy Department (chair, 2001); UC San Diego Physics Department (member, 1996)
Center for Particle Astrophysics, UC Berkeley: Program Advisory Committee (1995-2000)
Author, Review of Particle Physics, Particle Data Group, Berkeley (1996-2000)
Organizer, UW Science Forum (1999-2006); UW Scientists' Dialog (1997)

Aspen Center for Physics: 50th anniversary lecturer (2012); Conference and workshop organizer; admissions and Astrophysics committees (1990-2000); Trustee (1997-2000); Pagels Memorial Lecturer (1998); Organizer, Winter Astrophysics Conferences (1993, 1995, 1997); Scientific Secretary (1993-1994)

Kavli Institute for Theoretical Physics: Advisory Board, 2009-2012

Canadian Institute for Advanced Research: Chair, Five Year Review Panel, Cosmology and Gravity Program (2011)

Austrian Academy of Science, Vienna: Institute for High Energy Physics, Director's Search committee member (2011)

National Optical Astronomy Observatories: System Roadmap Committee (2011)

Astrophysical Journal Letters: Associate Editor (2006-2012)

Career summary: Craig Hogan is a Professor of Astronomy and Astrophysics at the University of Chicago, and Director of the Fermilab Center for Particle Astrophysics. He earned his Ph.D. in 1980 at the University of Cambridge under Martin Rees, and after postdoctoral study at Chicago and Caltech, held faculty positions at the University of Arizona and the University of Washington, where he also served as Vice Provost for Research. Hogan's research has spanned a wide range of cosmology, from theoretical studies of the early universe to planning and implementation of observational programs designed to measure cosmological parameters, element abundances and gravitational waves. He is currently Director of Fermilab's Center for Particle Astrophysics, and is pursuing an experimental effort at Fermilab make the first measurements of quantum behavior of spacetime at the Planck scale.