

CURRICULUM VITA
CHARLES ALCOCK

- Education:** Ph.D. in Astronomy, 1977, *California Institute of Technology*
B.Sc. (Hons) in Physics, 1972, *Auckland University*, New Zealand
- Appointment:** *Harvard-Smithsonian Center for Astrophysics, Cambridge, MA*
Smithsonian Astrophysical Observatory
Harvard College Observatory
Director 8/04 - present
- Previous Appointments:** *University of Pennsylvania, Philadelphia, PA*
Reese W. Flower Professor of Astronomy 9/00 – 7/04
Lawrence Livermore National Laboratory, Livermore, CA
Deputy Associate Director for Physics 4/98 – 8/00
Head, Inst. of Geo. & Planetary Physics 6/96 – 8/00
Head, Astrophysics Center 7/86 – 6/96
Massachusetts Institute of Technology, Cambridge, MA
Associate Professor of Physics 9/81 – 6/86
Institute for Advanced Study, Princeton, NJ
Long Term Member 10/77 – 8/81
- Awards:** National Academy of Sciences, elected 2001
Beatrice M. Tinsley Prize, 2000
University of California Regents' Lecturer, 1998-99
E.O. Lawrence Award for Physics, 1996
R&D 100 Award, 1993
Alfred P. Sloan Research Fellowship, 1983
- Research Interests:** Large astronomical surveys.
Outer Solar System.
Cosmic dark matter.
Astronomical data mining.
Virtual observatory technologies.
- Management Experience:**
- Principal Investigator of the Taiwanese-American Occultation Survey, an international project involving scientists from eight institutions in the US, Taiwan, and South Korea.
 - Principal Investigator on the W. M. Keck Cyber Universe Survey Project at the University of Pennsylvania, which develops high speed, automated data analysis pipelines for small survey projects.
 - Principal Investigator of the MACHO Project, an international project involving scientists from seven institutions in the US, Australia, Canada, and Britain.
 - Deputy Associate Director for Physics at the Lawrence Livermore National Laboratory, managing a discretionary Research and Development portfolio with a budget of ~\$10,000,000 per year.
 - Head of the Institute of Geophysics and Planetary Physics at the Lawrence Livermore National Laboratory, leading a group of astrophysicists and geophysicists, including five permanent staff scientists and up to ten postdoctoral fellows.

- Led the University Collaborative Research Program, which involved graduate students in the research activities of the Lawrence Livermore National Laboratory.

Committees:

- Member, NRC Committee on Astronomy & Astrophysics (6/02 – 6/04)
- Chair of the Observatories Council of the National Optical Astronomy Observatories, and *ex officio* Member of the Board of Associated Universities for Research in Astronomy (6/03).
- Chair of the Physics and Advanced Technology Directorate Review Council at the Lawrence Livermore National Laboratory (performance reviews on behalf of the University of California, 6/01).
- Member, NRC Astronomy and Astrophysics Survey Committee, Panel on Theory, Computation, & Data Exploration (the McKee-Taylor Committee, 99-00).