

# Curriculum Vitae

**Name:** David James Bell      **Born:** February 25, 1964      **Citizenship:** USA  
**Current Address:** NOAO, 950 N. Cherry Ave., P.O. Box 26732, Tucson, AZ, 85726  
phone: (520) 318-8399      fax: (520) 318-8360      email: dbell@noao.edu

## Education:

**B.S.** in Physics, University of Illinois at Urbana-Champaign, December 1985.  
**M.S.** in Astronomy, University of Illinois at Urbana-Champaign, May 1992.  
**Ph.D.** in Astronomy, University of Illinois at Urbana-Champaign, May 1996.  
Dissertation advisor: Dr. Kenneth M. Yoss  
Dissertation topic: *"A Kinematic and Abundance Survey in the Galactic Rotational Directions"*

## Employment:

- 1994-2001 Software Support Consultant/Manager (The National Optical Astronomy Observatory)  
Designed, implemented and maintained software for a variety of observatory projects, including interactive web forms, automated systems for sending and receiving information by electronic mail, and database queries and I/O.
- 1990-1994 Research Assistant (under Dr. Edward C. Olson, UIUC)  
Reduced CCD spectra of binary stars with the IRAF package, documented the reduction process, and developed software to help analyze the data.
- 1986-1994 Teaching Assistant (UIUC Astronomy Dept.)  
Introductory, honors, and upper-level astronomy courses; assigned and graded homework, developed instructional laboratory exercises, tutored students, and often lectured to entire class.
- 1990-1993 Computing Consultant (UIUC Astronomy Dept.)  
Network of Sun workstations and PCs; installed and maintained software packages, performed routine system maintenance procedures, documented software, and assisted users with computing questions.
- 1984-1991 Computer Operator (UIUC Computer-based Education Research Lab)  
Performed operational and routine maintenance procedures for NovaNET, a 600-simultaneous user mainframe wide-area network.
- 1987-1989 Research Assistant (under Dr. Kenneth M. Yoss, UIUC)  
Collected, reduced, and analyzed photometric and spectroscopic data for several long-term projects related to Galactic structure.
- 1986 Computer Programmer (Electronic Courseware Systems, Champaign, IL)  
Reengineered and implemented music courseware to be delivered on IBM, Apple, and Commodore personal computers.