

David R. Alexander

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EDUCATION

Ph.D.	Indiana University	astrophysics	1972
M.A.	Indiana University	astronomy	1968
B.A.	Kansas State University	physics	1967

EMPLOYMENT

- ERP Project Manager, Idaho State University 2006-present
- Responsible for all facets of evaluation, budget development and management, coordination and facilitation of project teams and activities, and resolution of business process issues that arise during implementation
 - Developed and managed \$15 M budget
 - Project finished on schedule and within budget, with finance, HR/Payroll, financial aid, student information, portal, and data warehouse in production
- WSU Information Network Project Manager, Wichita State University 2003 – 2006
- Led effort to evaluate software & implementation proposals, and successfully concluded the negotiation of contracts with SunGard SCT
 - Developed project budget of \$11M, and manage all project expenditures
 - Oversaw creation of ten positions for the project and approved hiring decisions
 - Manage the activities of eleven project teams and 120 people assigned to the project
 - The project was completed on schedule and within budget
 - Certified in Project Management Methodology by the state of Kansas
- Professor of Physics, Wichita State University 1971 – 2003
- Teaching
- Initiated astronomy program at WSU, including seven new courses, and a number of special topics and honors courses
 - Received the university's highest award for teaching (Excellence in Teaching) in 1983
 - Taught the university's most popular course for 17 straight semesters from 1984-1993
- Research
- Thirty-eight papers published in referred journals or the proceedings of international conferences
 - Papers have been cited more than 3,100 times, including eleven papers that have been cited 100 or more times
 - Have been PI or co-PI on 34 proposals (90% acceptance rate) which brought \$5.6M in support of research (13 projects), education (5 projects), community service (9 projects), and institutional facilities (7 projects)
 - Have presented 23 papers at international conferences and 36 at national conferences
 - Have reviewed numerous papers and proposals for various national and international publications and organizations, and chaired a NASA proposal

review panel at a time when its topic (the search for and characterization of extrasolar planets) was one of the hottest topics in astrophysics

- Visiting Research Scientist at Indiana University (1983-4; 1993-4), Goddard Space Flight Center (1973, 1974), and Ames Research Center (1986, 1987)

Service

- Faculty Senate President, 1990-1991
- Served on 38 major college or university committees. Chaired nine of them, including committees responsible for writing university tenure and promotion guidelines (1991-1993), developing a new university general education program (1981-1983), and reviewing all academic programs at the university (1992)
- Chaired search committee for Vice President for Advancement (1991)
- Edited university accreditation self study report (1976)
- Received the President's Distinguished Service Award in 2002
- Received University Recognition Award in 2009
- Harlow Shapely Visiting Lecturer for the American Astronomical Society for 10 colleges (1988-2001)
- Have given more than 100 public lectures to more than 5,000 people

Founder & Director, High Performance Computing Center 1999 – 2004

- Wrote three proposals funded for \$900,000 to provide high performance computing facilities for campus
- HiPeCC systems with more than 650 processors are utilized by 150 faculty and graduate students in nine departments
- <http://www.wichita.edu/hipecc>

Founder & Executive Director, Fairmount Center for Science and Mathematics Education 1995 - 2003

- Staff of three presents programs in schools and develops learning materials and activities for teachers
- Sponsors Kansas Science Olympiad, and hosted national Science Olympiad in 2007
- Sponsors Kansas Junior Academy of Science
- Facilitates Kansas JASON Project
- <http://webs.wichita.edu/facsme>

Chairperson of Physics Department, Wichita State University 1990 – 1998

- 10 faculty & staff
- Annual budget of \$600,000
- Coordinated successful Regents' program review
- Oversaw 10-fold increase in external support for research in the department

Founder & Executive Director, Lake Afton Public Observatory 1979 – 2003

- Joint project of city, county, public schools, and university
- Construction and equipment funded for \$250,000
- In the first 25 years, 5,000 programs have been presented for the public and school groups for more than 250,000 people
- <http://webs.wichita.edu/lapo>