

Daniel Alfred Heim

Vitae

Contact:

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Educational Record:

University of Wisconsin: Graduated 1975 with a B.Sc. in Ecology and Physics, and Secondary Education

Certifications in Physics, General Science, and Mathematics

ASU, NAU, and UA: Eighteen Graduate Credits obtained from 1980 to date in: Energy, Energy

Conservation, Renewable Energy

Programmed Instruction, Planetary Science, Reading Practicum

Employment Record:

1999-2009: Heimhenge Enterprises: 48412 N. Black Canyon HWY, #299, New River, AZ, 85087

Production of educational multimedia, freelance technical writing and consulting, website authoring

1999-2009: Foothills Academy, 4229 E. Cave Creek Rd., Cave Creek, AZ 85327;

Multimedia Specialist, Webmaster; Part-Time Instructor of General Science, Computer Science, Physics

1979-1999: Brophy College Preparatory, 4701 N. Central Ave., Phoenix, Arizona 85012;

Instructor of Physics, Astronomy Club Moderator, Academic Decathlon Coach, Faculty Gradebook Tech Support,

Honors Summer Astronomy Program

1976-1979: Bayport High School, 1217 Cardinal Ln., Green Bay, Wisconsin 54303;

Instructor of Physics, Math, General Science; Science Club Moderator, Volunteer Tutor

1975-1976: St. Mary's Springs High School, Fond Du Lac, Wisconsin 54935;

Teaching Internship in Physics, Energy Conservation Program Moderator

Professional Affiliations:

American Association of Physics Teachers

Arizona Alliance for Mathematics, Science, and Technology

Desert Foothills Astronomy Club, President

Pryotechnics Guild International

Publications:

RB5X: Mission to Mars: multimedia robotics curriculum package

Chapter Zero: programmed instruction manual for math skills in science

Physics Sourcebook: advanced topics, practical worksheets, and comprehensive reference info

Field Guide to the Southwestern Night Sky: astronomy and sky lore for novices

Space for Thoughts: monthly column in the Phoenix Astronomical Society newsletter

Sky Lights: self-syndicated weekly newspaper column on the topic of astronomy

GENER8: computer program, multiple-choice and true-false test generator (freeware)

SCRIBE: computer program, multifunction teacher gradebook (shareware)

Personal Honors:

2000: Awards to date for excellence in teaching from Pomona College, University of Chicago, University of Arizona, Washington University of St. Louis

1987-1999: Superior rating in Brophy Professional Development Program

1992,5,7: Nomination, Who's Who Among America's Teachers

1990: Nomination, Presidential Awards for Excellence in Science Teaching, NSF

1989: Tandy Technology Scholars - Outstanding Teacher Award, Tandy Corporation

1987: 3rd Place, Science Education, AZ Council of Engineering & Scientific Associations

References: available on request