**Curriculum Vitae: Dr. Dana Edward Backman**

Current Appointment (since January 2016):

Principal Investigator, NASA Airborne Astronomy Ambassadors program

SETI Institute, 189 Bernardo Ave., Suite 200

Mountain View, CA 94043

650-961-6633

dbackman {at} seti.org

NASA Ames Research Center, Building N232 Room 151-17

Moffett Field, CA 94035
650-604-2128

dana.e.backman {at} nasa.gov

Dana Backman manages the Airborne Astronomy Ambassadors (AAA) program that is funded by a cooperative agreement between NASA’s Science Mission Directorate and the SETI Institute. He also serves as one of the three flight facilitators accompanying Ambassador teachers on SOFIA research flights.

Academic Degrees:

Ph.D. in Astrophysics, University of Hawai’i

M.S. in Physics & Astronomy, University of Hawai’i

B.Sc. in Physics, Massachusetts Institute of Technology

Professional Background:

2003-2016 Director of Outreach Programs, Stratospheric Observatory for Infrared Astronomy

1999-2014 Adjunct Instructor of Physics and Astronomy, Santa Clara University

2005-2011 Adjunct Instructor of Science, Continuing Studies Program, Stanford University

1991-2003 Professor of Physics and Astronomy, Franklin & Marshall College

1989-1991 National Research Council Postdoctoral Fellow, NASA Ames Research Center

1985-1989 Postdoctoral Researcher and Support Scientist, Kitt Peak National Observatory

Most recent refereed 1st-author scientific publication:

D. Backman et al. 2009, “Epsilon Eridani's Planetary Debris Disk: Structure & Dynamics Based on Spitzer & Caltech Submillimeter Observatory Observations” *Astrophysical Journal*, 690, 1522

College introductory astronomy textbooks (co-authored with Michael A. Seeds):

Foundations of Astronomy 14e

Horizons: Exploring the Universe 14e

ASTRO 3e