

Eric Korevaar Resume (10/07/25)

Education:

La Jolla High School Valedictorian (1977)

B.S. Physics with Honors, Caltech (1981)

M.A. Mechanical and Aerospace Engineering, Princeton University (1983)

Ph.D. Mechanical and Aerospace Engineering, Princeton University (1987)

Thesis "Atoms in Crossed Electric and Magnetic Fields"

Work History:

1986-1993 Western Research Corporation, Thermo Electron Technologies,

Sr. Staff Scientist, Sr. Scientist, Group Manager

1993-2000 AstroTerra Corporation, Founder, President and CEO.

2000-2003 Optical Access, Inc. (Subsidiary of MRV Communications which purchased AstroTerra), CTO and Manager U.S. Operations

2003-2015 The Science Artist, Inc., Founder, President and CEO

2015-2024 San Diego Miramar College, Adjunct Faculty Physics

2019-2025 University of San Diego, Lecturer II Department of Physics and Biophysics
(7 years, 11 semesters Fall 2019-Spring 2025)

Non-Profit educational work:

Summer Science Program, Inc. Student 1976, TA 1981-83, Trustee 2005-2014.

President 2008-11, Past President 2011-2014. www.ssp.org

Patents:

29 patents in atomic line filters, 3-D Display, Laser Communications, Laser Radar, Millimeter Wave Communications, Stellar positioning, Optical GPS.

Publications: Partial list at <https://www.researchgate.net/scientific-contributions/Eric-J-Korevaar-2005506685> showing 42 research works with 3227 citations. Most work related to atomic line filters and laser communications. Chair of SPIE Conference "Optical Wireless Communications" for 5 years, editor of proceedings.

Outside of Work:

Proud father of Kevin since 2003 and Nina since 2005.

36 year exercise streak (28 exercise units per week each equivalent to a mile on foot). 10 year streak running at least 5 miles every day. Now I ride an Elliptigo most days.

Awarded Elliptigo "Rider of the Year" after riding 50 km in all 50 states in 2025.

Ran for California Governor in 2003 Recall Election (lost to Arnold Schwarzenegger).

Ran for California Lieutenant Governor in 2010 and 2014 (lost each time to Gavin Newsom).

Just finished collecting most of the elements for my Periodic Table of the Elements.

Building a mini-Stonehenge at my property in Ramona which is covered in granite boulders.