

Werner G. Vavken, BS EE, MaEd

Vice President and Advisory Board Chair
Applied Math Science and Engineering Institute
Valley Christian Schools, San Jose, CA (<http://www.vcs.net>)

Vice President of STEM (Science, Technology, Engineering and Math) Partnerships
The Quest Institute for Quality Education, San Jose, CA.
(<http://www.TheQuestInstitute.com>)



Mr. Vavken retired in the year 2000 from a career in telecommunication research and product development and engineering spanning 30+ years. He has personally designed equipment as well as managed large engineering teams to develop equipment used by Fortune 500 companies, equipment onboard Air-Force One, the U.S. Presidential ranches, and in private industry in over 30

countries.

During that time Mr. Vavken also consulted for numerous companies in the Silicon Valley and Europe and founded two electronics companies in California. He also taught engineering seminars at California State Polytechnic University (<http://www.calpoly.edu>) as well as served on Cal Poly's School of Engineering Advisory Board for over 10 years.

In 2000 he served in full-time ministry as the Senior Associate Pastor of Family Community Church (<http://www.fccchurch.com>). While serving at this church it became the 4th fasting growing AOG (Assembly of God) church in America, growing from 250 to over 2600 attendees.

Mr. Vavken joined Valley Christian Schools in 2002 and was the founding Director of Valley Christian High School's online campus, a new, innovative, on-line arm of the Valley Christian High School to help the school's students, as well as other students worldwide, take exciting interactive online courses. The approach taken makes online learning very personal, interactive, relevant to the "real world" and more fun than the "average" online course found on the web today.

Since 2008, Mr. Vavken has served as the Director of Students of the school's Applied Math, Science and Engineering Institute (AMSE), that provides a unique curriculum and co-curricular program for students interested in career paths in those areas. In 2014 he was promoted the Vice President of AMSE K-12 for the school.

Very progressive after school programs, including science experiments on the International Space Stations (ISS), the launch of a satellite from the ISS, and a LUNAR Research program (teaming with NASA Lunar Science Institute) are among the progressive fifteen programs offered by the school's AMSE program. More info here: <http://www.vcsAMSE.net>

In addition, Mr. Vavken has previously served as board member for Computer Using Educators (<http://www.svcue.org>), Silicon Valley branch. He currently serves on the Board of Directors for the Christian Foundation for the Holy Land (<http://www.christianfoundationholyland.org>), a 501(c)3 non-profit organization designed to help the Christians serving in Israel.

Mr. Vavken has presented papers for the Association of Christian Schools International (www.acsi.org), the Quest Institute for Quality Education (<http://www.TheQuestInstitute.com>), as well as for educational conferences for Elluminate Inc. (<http://www.elluminate.com>).

Mr. Vavken graduated from California State Polytechnic University with a BS degree in Electrical Engineering with high honors and did his engineering graduate work at the University of Santa Clara. He has also earned a Masters of Arts Degree in Education (Instructional Technology) from San Jose State University (<http://www.sjsu.edu>).

When not busy in the world of STEM and education, Mr. Vavken enjoys filmmaking, scuba diving, golf, travel, gourmet cooking, photography, ham radio, traveling with his wife and dog in their RV and fine woodworking.

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