

1. **Name and Academic Rank**
Stephen F. Felszeghy, Professor
2. **Degrees with fields, institution, and date**
1974 Doctor of Philosophy, Applied Mechanics, University of California, Berkeley
1963 Master of Science in Mechanical Engineering, UCLA
1961 Bachelor of Science in Mechanical Engineering, UCLA
3. **Number of years service on this faculty, including date of original appointment and dates of advancement in rank**
Number of years service: 25
Date of original appointment: 9/79
Assistant Professor of Mechanical Engineering: 1979 to 1982
Associate Professor of Mechanical Engineering: 1982 to 1987
Professor of Mechanical Engineering: 1987 to present
4. **Other related experience--teaching, industrial, etc.**
Academic Experience:
1978 to 1979 Lecturer, Department of Mechanical and Environmental Engineering
University of California, Santa Barbara

1975 to 1977 Lecturer (part-time), Department of Civil Engineering
University of Southern California

Industrial Experience:
1964 to 1968 Engineering Specialist Senior
1974 to 1978 Hughes Missile Systems Company, Canoga Park, CA

1962 to 1964 Associate Preliminary Design Engineer
The Garrett Corporation, Los Angeles, CA
5. **Consulting, patents, etc.**
1978 to 1994 Engineering Specialist Senior (part-time)
1968 to 1974 Hughes Missile Systems Company, Canoga Park, CA
6. **State(s) in which registered**
1960 Engineer-in-Training Certificate (California)
7. **Principal publications of last fifteen years**
Felszeghy, S. F., "Steady-State Residual Vibrations in High-Speed, Dwell-Type, Rotating Disk Cam-Follower Systems," *ASME Journal of Vibration and Acoustics*, v. 127, n. 1, p. 12, 2005.
Felszeghy, S. F., "The Timoshenko Beam on an Elastic Foundation and Subject to a Moving Step Load, Part 1: Steady-State Solution, and Part 2: Transient Solution," *ASME Journal of Vibration and Acoustics*, v. 118, n. 3, p. 277, 1996.
Felszeghy, S. F., "Development of Biorthonormal Eigenvectors for Modal Analysis of Linear Discrete Nonclassically Damped Systems," *Journal of Sound and Vibration*, v. 176, n. 2, p. 255, 1994.
Felszeghy, S. F., "On Uncoupling and Solving the Equations of Motion of Vibrating Linear Discrete Systems," *ASME Journal of Applied Mechanics*, v. 60, n. 2, p. 456, 1993.
Felszeghy, S. F., "The Development of Natural Modes of Free Vibration for Linear Discrete Systems from the Synchronous Motion Assumption," *ASME Journal of Vibration, Acoustics, Stress and Reliability in Design*, v. 111, n. 1, p. 77, 1989.
8. **Scientific and professional societies of which a member**
American Institute of Aeronautics and Astronautics
American Society for Engineering Education
American Society of Mechanical Engineers

9. Honors and awards

Elected to Tau Beta Pi, and Pi Tau Sigma.

Held Hughes Doctoral Fellowship.

Received CSULA Grant-in-Aid in December 1983, Faculty Enrichment Award in March 1986,

Meritorious Performance and Professional Promise Awards in May 1986 and April 1987,

Creative Leave Award in Spring 1991, Performance Salary Step Increase in 1996 and 1997, Faculty

Merit Increase in 1998 and 1999.

10. Institutional and professional service in the last ten years

I. Department Service

- Chair of Department of Mechanical Engineering: 1999 to 2002. Oversaw re-accreditation of ME program.
- Appointment, Retention, Tenure, and Promotion Committee (Acad. Yrs. 89/90, 90/91, 91/92, 95/96).
- Principal Advisor (1996 to 2002).
- ii. *College Service*
 - Faculty Affairs Committee (Acad, Yr. 04/05)
 - Instructional Affairs Committee (Acad. Yr. 88/89, Fall '92, '93 to '97). Served as chairman.
 - Student Affairs Committee (Fall '98, Spring '99)
 - Appointment, Retention, Tenure, and Promotion Committee ('95 to '99, Acad. Yr. 04/05).
- iii. *University Service*
 - Ad Hoc Committee to Review Program Review (Acad. Yr. 04/05).
 - Academic Advisement Subcommittee (1996 to 1999). Served as chairman.
 - Academic Information Resources Committee (Winter '95).
 - Academic Senate (Acad. Yr. 98/99).
 - Graduate Studies Subcommittee (Acad. Yr. 97/98).
 - Honors Convocation and Commencement Committee (1995 to 1997).
 - Risk Management and Safety Committee (1995 to 1999).
- iv. *Advising*
 - Volunteer faculty advisor and member of the CSULA '90 Solar Eagle Team, the '93 Solar Eagle II Team, and the '97 Solar Eagle III Team.
 - Volunteer faculty research mentor to MAERC student (Minority Access to Energy-Related Research Careers, U.S. Department of Energy) (Academic Years 93/94, 94/95 and 95/96).

11. Professional development activities in the last ten years

- Vishay Micro-Measurements, *PhotoStress* Seminar, Feb. 6 and July 30, 2003.
- CSULA Academic Retreat 2000, "Tidal Wave II," April 7, 2000.
- CSULA Acad. Retreat, "Retreat to the Future: A Discussion with Colleagues," May 29, 1998.
- CSULA "Assessment Symposium," Nov. 21, 1997.
- CSULA "Cornerstones Conference," April 25, 1997.
- CSULA "Advisement Workshop for E & T Advisors," presented by the CSULA Advisement Center, March 5, 1997.
- CSULA Faculty Retreat 1997, "Making it Work," Jan. 31, 1997.
- Workshop on "Lay-up and Vacuum Bagging" of Composites, Cerritos College, Oct. 18, 1996.
- UC Science, Engineering & Mathematics Education Conference, Beckman Center of the National Academies of Sciences and Engineering, Irvine, CA, Jan. 26 and 27, 1996.
- CSULA Faculty Retreat 1996, "Building a Learning Community: Significance, Challenges and Strategies," Jan. 26, 1996.