

Bio

Dr. Ben-Dau Tseng received his BS in electronics engineering from the National Chiao-Tung University, Taiwan, Republic of China, MS in electrical engineering from the University of North Dakota, N. D., and PhD in electrical engineering from the University of Windsor, Canada. He has been a professor at the Electrical and Computer Engineering Department of the California State University, Chico, CA, since August 1982. He is a senior member of IEEE.

Resume

1. **Name and Academic Rank:** Ben-Dau Tseng
Professor
2. **Degrees with Date (Year), Field, and Institution**

Ph.D. Electrical Engineering	1979 University of Windsor, Windsor, Ontario, Canada
MS, Electrical Engineering	1973 University of North Dakota, Grand Forks, N.D.
BS, Electronics Engineering	1969 National Chiao-Tung University, Taiwan, Republic of China
3. **CSU, Chico experience: (Appointment dates and Positions held)**

August 1982	Initial appointment, Associate Professor of Electrical Engineering
September 1986	Promotion to Full Professor
August 1996	Reassigned to Electrical and Computer Engineering
4. **Other related experience - teaching, industrial, etc.:**

Assistant Professor, University of Portland, 1979-1982
Electrical Engineer, Bonneville Power Administration, Portland, Oregon, summer 1981
Instructor, University of Windsor, Windsor, Canada 1978-79
Teaching and Research Assistant, University of Windsor, Windsor, Canada, 1975-1978
5. **Consulting, patents, etc.:**

Feasibility studies of microprocessor-based oscillograph for Bonneville Power Administration.
Sensor technology assessment for SCI Corporation
Technical translation for Travel Accessories, Inc., Orland, CA
Digital signal processing for Spectral Analytics, CA
6. **States in which registered:**

None.
7. **Sample publications:**

“A Modified Discrete Fourier Transform with A Doubled Frequency Resolution”, 34th Asilomar Conference, Oct. 29 – Nov. 1, 2000
“Lab Idea: Amplitude Modulation Lab”, Vol. 4, Number 2, Spring 2000, Engineering Educator, Agilent
8. **Scientific and professional societies of which a member:**

Senior member of IEEE
Eta Kappa Nu
Tau Beta Pi

9. Honors and awards:

University of Windsor postgraduate student scholarship 1975-78
Meritorious Performance & Professional Promise Award, California State University, 1987 and 1990

10. Institutional and professional service:

IEEE student branch counselor from 1985 to 2003
Reviewed manuscripts of the 2nd edition of "Electronics" by Hambley
Supervision of MS theses completed – one in 1997, one in 1999, one in 2001
Hosted the IEEE Region 6 Central Area Spring Meeting, 2002

11. Professional development activities

"DSP Solutions '99", seminar by Analog Devices
1999 "Sensor Signal Conditioning" seminar by Analog Devices
1999 Texas Instruments semiconductor technical training