

1. Name and Academic Rank

Chivey C. Wu, Professor

2. Degrees with fields, institution, and date

1983 Doctor of Philosophy
University of Illinois, Urbana-Champaign
Mechanical Engineering
Specialization: Fluid Mechanics

1979 Master of Science in Mechanical Engineering
University of Illinois, Urbana-Champaign
Specialization: Fluid Mechanics

1976 Bachelor of Science in Aeronautical Engineering
National Cheng Kung University, Taiwan

3. Number of years service on this faculty, including date of original appointment and dates of advancement in rank

Number of years service: 22
Date of original Appointment: 9/83
Promotion to Associate Professor: 9/87
Promotion to Professor: 9/92

4. Other related experience--teaching, industrial, etc.

Academic Experience:

2000 to 2001 Part-Time Lecturer
East Los Angeles College, CA

1995 to 1995 Visiting Professor
Kobe University, Japan

1996 to 1997 Visiting Professor
National Cheng Kung University, Taiwan

1977 to 1983 Research and Teaching Assistant
University of Illinois, Urbana-Champaign

1976 to 1977 Teaching Assistant
National Cheng Kung University, Taiwan

National Research Lab Experience:

1991 to 1993 Summer Research Fellow
NASA Langley Research Center, Hampton VA

1990 to 1990 Summer Research Fellow
DOE Lawrence-Berkeley Laboratory, Berkeley CA

Industrial Experience:

1968 to 1972 Mechanical Draftsman
Chillip Kwan & Associates, Hong Kong

5. Consulting, patents, etc.

Consulting: Preco, Inc., Pasadena, CA

6. State(s) in which registered

7. Principal publications of last five years

- He, C., Choi, S., Mirmirani, M., Wu, C., CFD-Based Aeroelastic Analysis in Transonic Flow Regime, ASME Mechanical Engineering Congress & Exposition, Anaheim, CA, Nov 2004.
- Wu, C., Ofoma, U., Design of a Fuel-Cell Powered UAV for Environmental Research, AIAA 3rd Unmanned Unlimited Technical Conference, Chicago, IL, September 2004.
- Wu, C., Ofoma, U., He, C., Autonomous UAV Concept for Titanic Missions, American Helicopter Society 60th Annual Forum, Baltimore, MD, June 2004.
- Wu, C., A Virtual Wind Tunnel for Aerodynamic Simulation, PLM World 2003 Annual Conference, Anaheim, CA, May 2003.
- Wu, C., Integration of Configuration Design and Multidisciplinary Analysis of Aircraft, SAE/AIAA World Aviation Congress, San Diego, CA, Oct 2000.
- Wu, C., Mirmirani, M., Development of Multidisciplinary Engineering Analysis Software for Teaching and Research, NASA MU-SPIN/MURED Conference, Atlanta, GA, Sept 2000.

8. Scientific and professional societies of which a member

- American Society of Mechanical Engineers
- American Institute of Aeronautics and Astronautics
- Unmanned Vehicle Systems International Association (UVS)

9. Honors and awards

- CSULA Engineering and Technology Outstanding Professor Award, 1993

10. Institutional and professional service in the last five years

Recruitment:

- Visited and presented at East Los Angeles College and Don Bosco Technical Institute

- Conducted lab demonstrations at all school and university open houses

Department Committee Service

- 2003 – Present Retention, Promotion and Tenure Committee

School Committee Service

- 2002 – 2003 Student Affairs Committee

University Committee Service

- 2005 – Present Academic Senate

- 2005 – Present Academic Information Resources Committee

11. Professional development activities in the last five years

Research Grants

- 2003 to 2007 Co-PI, Structures, Propulsion, Aerospace, and Control Engineering, NASA University Research Center grant (\$6,000,000)

- 2001 to 2004 Co-PI, Multidisciplinary Control of High-Performance Air Vehicles, USAFOSR research grant (\$800,000)

- 2000 to 2003 PI, Integration of Configuration Design and Multidisciplinary Analysis of Aircraft, NASA research grant (\$200,000)

- 1997 to 2000 PI, Computer-Simulation of Multidisciplinary Engineering Systems, NASA research grant (\$400,000)

Attendance at Workshops and Conferences:

- 11/2004 ASME International Mechanical Engineering Congress & Exposition

- 6/2004 Unmanned Vehicle Systems International Conference

- 12/2003 SolidWorks/Cosmos Workshop

- 6/2003 Paris Air Show and Unmanned Vehicle Systems International Conference

- 5/2003 PLM World 2003 Annual Conference

- 11/2000 SAE/AIAA World Aviation Congress

- 9/2000 NASA MU-SPIN/MURED Conference