

SUMMARY OF BACKGROUND AND EXPERIENCE

GEORGE LEITMANN

Professor of Engineering Science

Academic Training

B.S., Physics, Columbia University, New York, 1949

M.A., Physics, Columbia University, New York, 1950

Ph.D., Engineering Science, University of California at Berkeley, 1956

Professional Experience

1950-57 Physicist and Head, Aeroballistics Analysis Section, Research Department, U.S. Naval Ordnance Test Station, China Lake, California

1957-59 Assistant Professor of Engineering Science, University of California at Berkeley

1959-63 Associate Professor of Engineering Science, University of California at Berkeley

1963- Professor of Engineering Science, University of California at Berkeley

1958-64 Staff Scientist (part time), Applied Mechanics Department, Lockheed Missiles and Space Company

1957-67 Consultant for Martin Company, Denver; Aerojet General Corporation, Sacramento; U.S. Air Force Academy, Colorado Springs; Guggenheim Laboratory, Princeton

1966-67 Research Professor, Miller Institute for Basic Science

1968-70 University Ombudsman, University of California at Berkeley

1971 Chairman, Division of Applied Mechanics, University of California at Berkeley

1972-74 Vice Chairman, Graduate Study and Research, Mechanical Engineering, University of California at Berkeley

1981-85 Associate Dean for Graduate Study and Research, College of Engineering, University of California at Berkeley

1986-90 Associate Dean for Academic Affairs, College of Engineering, University of California at Berkeley

1988 Acting Dean, College of Engineering, University of California at Berkeley

1990-94 Associate Dean for Research Services, College of Engineering, University of California at Berkeley

1991-present Professor Emeritus

1994-98 Chairman of the Faculty, College of Engineering

1995-present Professor in the Graduate School

1999 Acting Director, Engineering Systems Research Center

1994-2001 Coordinator for Foreign Exchange Programs

2001-2003 Director of International Programs

2003-2012 Associate Dean for International Relations

2012-present Special Adviser to the Dean

Professional Service (Partial list)

Department Representative, Assembly of the Academic Senate

Member of various Senate committees; Chairman, Committee on Privilege and Tenure; member, Committee on Committees, Budget Committee, etc.

Chair, Adv. Committee on University Research Expeditions (1988-1997)

Chair, Adv. Committee on Research Center (1990-1994)

Vice-Chair, NRC Associate Programs Advisory Committee (1986-1998)

Scientific Advisor, A.v. Humboldt Foundation, Bonn, Germany

Founding President, Alexander von Humboldt Association of America (1994-1997)

Permanent member, Board of Directors, A. von Humboldt Assoc. of America

Member, Scientific Council, International Centre for Mechanical Sciences (1969-1995)

Member, Academic Advisory Committee, AME School, Univ. of Oklahoma (1996-2003)

Member, Astrodynamics Committee, AIAA; Committee on Rescue in Space, IAA;

Committee on Math. in Control. IFAC; etc.

Sponsor for Astrodynamics, ASME (1963-65) (1967-70)
Visiting Lecturer, SIAM (1968-69) (1969-70)
Member, Board of Editors, M. Dekker, Inc. (1969-75)
Honorary Editor, Journal of Mathematical Analysis and Applications
Honorary Editor, Communications in Appl. and Nonlinear Analysis
Editor, Journal of Math. Analysis and Applications (1985-2000)
Associate Editor, Journal of Optimization Theory and Applications
Associate Editor, Int'l Game Theory Review
Associate Editor, CUBO (Chile)
Editorial Board, Dynamics and Stability of Systems (1984-1995)
Editorial Board, Annals of the Int'l Soc. Of Dynamics Games (1991-1999)
Editorial Board, Dynamics and Control (1994-2002)
Editorial Board, Engineering and Automation (Russia)
Editorial Board, Int'l J. of Pure and Appl. Mathematics
Editorial Board, J. of Aerospace Engineering
Editorial Board, Dynamics of Continuous, Discrete and Impulsive Systems
Member, Review Board, Meccanica (1970-1985) (Italy)
Member, International Board, Northern Institute of Technology, Hamburg, Germany
Member, Int'l Review Committee, Japan Advanced Inst. of Science and Technology, Kanasawa, Japan
Chair, Board of Directors, ARTSHIP Foundation (2005-2011)
Advisor, Dynamical Systems, Int'l Institute of Applied Systems Analysis, IIASA
Consulting Honorary Member, World Innovation Foundation
Member, UCB Graduate Fellowships Advisory Board (2007-2015)
Member, Engineering Advisory Board, Embry-Riddle Aeronautical University (2010-present)
Member, UCB Office of Global Engagement Advisory Board (2011-2015)
Member, Advisory Council of the UC Magnes Museum (2015-present)

Honors (partial list)

Member, National Academy of Engineering, U.S.A.
Foreign Member, Academy of Science, Bologna, Italy
Foreign Member, National Academy of Engineering, Argentina
Foreign Member, Academy of Natural Sciences, Russia CIS
Member, Academy of Engineering, Georgia CIS
Foreign Fellow, Academy of Sciences, Georgia CIS
Corresp. Member, Bavarian Academy of Sciences
Member, International Academy of Astronautics
Fellow, American Institute of Aeronautics and Astronautics
1977 Pendray Aerospace Literature Award, American Institute of
Aeronautics and Astronautics
1978 Pi Tau Sigma Award for Excellence in Teaching
1980 Mechanics and Control Flight Award, American Institute of
Aeronautics and Astronautics
Alexander von Humboldt Senior Scientist Award
Levy Medal, Franklin Institute
Medal of University Liege, Belgium
Honorary Doctorate, Technical University of Vienna
Honorary Doctorate, University of Paris

Honorary Doctorate, Technical University of Darmstadt
The Roscoe and Elizabeth Hughes Chair in Mechanical Engineering
Humboldt Medal, A.v. Humboldt Foundation
The Berkeley Citation
1995 Rufus Oldenburger Medal of the ASME
1995 Bellman Continuum Award of Excellence
Commander's Cross of the Order of Merit, Germany (Grosse Verdienstkreuz)
Commander, Order of Merit, Italy (Commendatore)
Member, The Berkeley Fellows
1995 "Russian Federation Proclamation on the Occasion of Prof. G. Leitmann's 70th Birthday."
2002 Distinguished Engineering Alumnus Award, UC Berkeley
Distinguished Emeritus Award, UC Berkeley, 2004
First recipient, Isaacs Award, Int'l Society of Dynamics Games, 2004 (with Y.C. Ho)
2005 Werner Heisenberg Medal, A. v. Humboldt Foundation, Germany
Biyearly "Leitmann Lecture," University of the Armed Forces, Munich, Germany (established in 2005)
2009 Bellman Control Heritage Award, Amer. Automatic Control Council
2009 Medal of Honor, Universitaet der Bundeswehr, Munich
2012 "City of Berkeley Proclamation Honoring George Leitmann"
2013 Austrian Cross of Honor for Science and Art, First Class
2013 Knight of the French Legion of Honor