

Straub Award Recipients 1966 — 1999

Thesis Year	Award Recipient & Educational Institution	Thesis Title & Current position
1999	Dr. Christopher Zappa University of Washington	"Microscale Wave Breaking and Its Effect on Air-Water Gas Transfer Using Infrared Energy"
1998	Dr. Jeffrey Parsons University of Illinois, Urbana-Champaign	"Mixing Mechanisms in Density Intrusions" Assistant Professor, School of Oceanography, University of Washington
1997	Dr. Mariza Costa Cabral University of Washington	"Effects of Spacial Constraints on Channel Network Topology: Implications for Geomorphological Inference" Staff Scientist, Institute of Hydrophysics, GKSS Research Center, Hamburg Germany
1996	Dr. Scott Bradford University of Michigan	"Numerical Modeling of Turbidity Current Hydrodynamics and Sedimentation" Mechanical Engineer, Naval Research Laboratory
1995	Dr. Yarko Niño University of Illinois, Urbana-Champaign	"Particle Motion in the Near-Bed Region of a Turbulent Open Channel Flow: Implications for Bedload Transport by Saltation and Sediment Entrainment into Suspension" Assistant Professor Dept. Civil Engineering, Univ. Chile
1994	Dr. Aldo Tamburrino University of Minnesota	"Free-Surface Kinematics: Measurement and Relation to the Mass Transfer Coefficient in Open-Channel Flow" Assistant Professor Dept. Civil Engineering, Univ. Chile
1993	Dr. Ana Paula Barros University of Washington	"Modeling of Orographic Precipitation with Multilevel Coupling of Land-Atmosphere Interactions" Dept of Civil Engineering, Pennsylvania State University
1992	Dr. Kai Meng Mok University of Washington	"Higher-Mode Edge Waves" Faculty of Science and Technology, University of Macau
1991	Dr. Stephen Coleman University of Auckland	"The Mechanics of Alluvial Stream Bed Forms"
1990	Dr. Alexander Elliott California Institute of Technology	"Transfer of Solutes into and out of Streambeds"
1989	Dr. Garry Willgoose Massachusetts Institute of Technology	"A Physically Based Channel Network and Catchment Evolution Model" Dept. of Civil Engineering, University of Newcastle, Australia
1988	Dr. Helgi Johannesson University of Minnesota	"Theory of River Meanders" Dept. of Transportation, Reykjavik, Iceland
1987	Dr. Robert J. Thieke University of Florida	"Mean Flow Integral Model for Shoaling and Surf Zone Waves" Associate Chair, Department of Civil and Coastal Engineering
1986	Dr. Jeffrey A. Zelt California Institute of Technology	"Tsunamis: The Response of Harbours with Sloping Boundaries to Long Wave Excitation "
1985	Dr. Gregory Lawrence University of California, Berkeley	"The Hydraulics and Mixing of Two_layer Flow Over an Obstacle" Dept. of Civil Engineering, University of British Columbia, Vancouver, B.C., CANADA
1984	Dr. Ian R. Young James Cook University	"The Response of Waves to and Opposing Wind" Dept. of Civil Engineering, University College of New South Wales, Australian Defense Force Academy, AUSTRALIA
1983	Dr. Roger Burke	"Free Surface Flow through Salt Marsh Grass"

- Massachusetts Institute of
Technology
- 1982 **Dr. Shuen-Wei Tu** "Study of Periodic Turbulent Pipe Flow"
University of Iowa
- 1981 **Dr. Angelos Findikakis** "Finite Element Simulation of Turbulent Stratified Flows"
Stanford University
Bechtel Civil & Minerals, Inc., San Francisco, CA
- 1980 **Dr. Antonio Sa da Costa** "A Numerical Model of Seawater Intrusion in Aquifers"
Massachusetts Institute of
Technology
Dept of Civil Engineering, Instituto Superior Tecnico, Lisboa,
PORTUGAL
- 1979 **Dr. Gregory Gartrell, Jr.** "Studies on the Mixing in a Density-Stratified Shear Flow"
California Institute of
Technology
- 1978 **Dr. Peter Kitanidis** "Real Time Forecasting of River Flows"
Massachusetts Institute of
Technology
Civil Engineering Department, Stanford University, Stanford, CA
- 1977 **Dr. Steven Wright** "Effects of Ambient Crossflows and Density Stratification on the
California Institute of
Technology
Characteristic Behavior of Round, Turbulent Buoyant Jets"
Dept of Civil Engineering, University of Michigan, Ann Arbor, MI
- 1976 **Dr. Arthur R. Jensen** "Computer Simulation of Surface Water Hydrology and Salinity
California Institute of
Technology
with an Application to Studies of Colorado River Management"
City & County of San Francisco, San Francisco, CA
- 1975 **Dr. Nikolas Kotsovinos** "A study of Entrainment and Turbulence in and Plane Buoyant
California Institute of
Technology
Jet"
University of Thrace, Xanthi, GREECE
- 1974 **Dr. Robert Singerman** "Fluid Mechanics of the Human Duodenum"
University of Iowa
- 1973 **Dr. Franz Durst** "Development and Application of Optical Anemometers"
University of London
University of Erlangen, Erlangen, WEST GERMANY
- 1972 **Dr. Andre Lejeune** "The Operating Forces for the Opening and Closing of Miter
Universite de Liege
Gates on Navigation Locks"
Maitre de Conference a l'Universite de Liege, Institut de Genie Civil,
Liege, BELGIUM
- 1971 **Dr. George Ashton** "Formation of Ice Ripples of the Undersides of River Ice
University of Iowa
Covers"
U. S. Cold Regions Laboratory, Hanover, NH
- 1970 **Dr. T. Gangadharaiah** "Characteristics of Self-Aerated Flows"
Indian Institute of Technology
Civil Engineering Dept., Indian Institute of Technology, Kanpur,
INDIA
- 1969 **Dr. Wayne Huber** "Laboratory and Analytical Studies of the Thermal
Massachusetts Institute of
Technology
Stratification of Reservoirs"
Environmental Engineering, University of Florida, Gainesville, FL
- 1968 **Dr. Roger E. A. Arndt** "Cavitation Near Surfaces of Distributed Roughness"
Massachusetts Institute of
Technology
Saint Anthony Falls Laboratory, University of Minnesota,
Minneapolis, MN
- 1967 **Dr. William Sayre** "Dispersion of Mass in Open-Channel Flow"
Colorado State University
Deceased
- 1966 **Dr. Hugo Fischer** "Longitudinal Dispersion in Laboratory and Natural Streams"
California Institute of
Technology
Deceased