

Note: Dad and I started compiling a master file of all of his resume material several years ago. There were so many pieces here and there that needed to be pulled together to provide a complete picture. We had made progress but as this resume shows, we still had a lot of work to do.

Dale F. Leipper

Education

Hon. D. Sc., 1968, Wittenberg University
Ph.D. 1950, Scripps Institution of Oceanography, University of California
M.A. 1939, The Ohio State University, mathematics
B.S. 1937, Wittenberg University, mathematics and education
Certificates in Meteorology. 1943. UCLA and the University of Chicago,

Professional Interests & Experiences

Dr. Leipper has experience as a weather forecaster and research officer, Captain, AAF, Aleutian Islands, Professor of Oceanography and Meteorology.

1996 - 2000	Research Scientist, Desert Research Institute
1990 - 1996	Independent research
1968 - 1980	Naval Postgraduate School, Department Chairman and Professor, Oceanography and Meteorology
1949 - 1968	Texas A&M University, Professor of Oceanography and Meteorology
1949 - 1964	Texas A&M University, Founding Department Head, Dept of Oceanography and Meteorology
1945 - 1949	Research Oceanographer and teacher, Scripps Institution of Oceanography of the University of California
1941 - 1945	U.S. Army and Air Force, weather officer and oceanographer, Captain, forecasting and research in Alaska and the Aleutian Islands
1940 - 1941	Teacher, City Schools of San Diego, California

Professional Organization Memberships

Sigma Xi	American Meteorological Society
American Geophysical Union	Marine Technology Society
Phi Kappa Phi	Chi Epsilon Pi
Air Force Reserve, 1945- 1947	

Organizational Offices and Committee Participation

1957 - 1958	President, American Society of Limnology and Oceanography
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1955	President, Texas Academy of Science, President
1957 - 1958	Technical Panel on Oceanography and Executive Vice-Chairman, Meteorology Panel, U.S. National Committee for the International Geophysical Year
1952 - 1957	Chairman, The Committee on the Marine Sciences, Southern Regional Education Board
1966	President of the American Society for Oceanography.

Community Service (partial list)

Rotary International, including a term as President, First Presbyterian Church Board Member and Deacon, BriarCrest Country Club Board Member, Monterey Bay Girl Scout Council Finance Committee, member Monterey Bay Unit WBCCI including term as President, Hidden Hills Homeowners Association and Water Board member.

Honors and Recognition (partial list)

Listed in Who's Who in America, recognition from the U.S. Naval Meteorology and Oceanography Command for outstanding achievements and lifetime contributions, and the Navy Superior Civilian Service Award from the Naval Postgraduate School.

Selected Projects

NWS (National Weather Service): As chairman of oceanography at NPS, organized and managed a two week course in oceanography for meteorologists; offered several times to groups of about 20 NWS operational forecasters. Sponsored by NWS

NWS: A working partnership with MRY, 1994-1998, see Assessment, Barnes. Prepared a 70 minute tape on forecasting at MRY and hard text document. Present status, cooperation blocked by Senior Operations Officer; see letter to NOAA Administrator.

NWS: Comet proposal, approved by MRY, Salt Lake region, turned down later by Vicki Johnson after original enthusiasm.

Air Force: WWII. Captain, meteorologist. Certificates in Meteorology from UCLA, Univ. of Chicago and oceanography from Scripps Institution.

Forecaster one year Adak, Research one year Anchorage AF Center. Report on North Pacific fog.

Navy: ONR contract, 1946. Published fog forecast system for San Diego, still in use, see assessments. Assigned to Navy base on Adak. First chairman, Oceanography Department, NPS, 1969-1980. Research, antisubmarine warfare, 1980-1990 at NPS.

University: Head, Department of Oceanography and Meteorology at Texas A&M, 1949-1964. Chairman, Department of Oceanography, NPS, 1969-1980. See Who's Who in America

FAA and university: Contract in fog/stratus forecasting March 1998-1999 through DRI and the University of Nevada. Project reports on MRY, SFO fog/stratus.

Self supported in TechCom Labs with son Bryan since 1990. Publications of 1994, 1995 and in AMS proceedings volumes.

Forecasting systems developed:

San Diego area, 1948, 1968 articles, still in use by Navy, see assessments.

Monterey MRY, 1995 publication. Assessment by lead forecaster, first S.O.O. (Barnes, Reynolds).
Simple MRY Fog Forecasters Guide, 1999.

Aleutian Islands (North Pacific): AF Report submitted 1945. Open ocean: Atlantic and Pacific, reports by Calspan, Jung, Noonkester.

Recent reports: Utilizing technology of 1998-2000 such as widespread use of JAVA, new data availability.

Quantitization: AutoLIBS, Soundings analysis.(FAA final report but not funded by FAA)