

interoffice	
MEMORANDUM	

to:	Louis Sherwood, Library
from:	Ricardo E. Rodriguez
subject:	Earl Brown Award
date:	April 11, 2006

I would like to nominate Dr. Robert G. Landolt for the Earl Brown Award. He has made contributions to the university in both academic and administrative areas. His career at Wesleyan spans 25 years and has contributed to the university in all areas.

From his resume, it can be seen that he has made significant contributions in two areas:

- 1) academic, scientific, and scholarly achievement
- 2) civic, community and university service.

Dr. Landolt has over 40 publications/presentations most of which have student collaborators (including 2 this year) and numerous funded grants for research, science education programs and student travel. These grants have come from the National Science Foundation, Robert A. Welch Foundation, the American Chemical Society, Research Corporation, Dreyfuss Foundation and the Office of Naval Research. He has served on numerous university committees throughout his career. He truly exemplifies the spirit of the Earl Brown Award.

Listed below is some of his most significant accomplishments as a Scholar and a Teacher.

Associate Professor and Professor of Chemistry, Texas Wesleyan University, 1981-Present, Department Chairman, 1981-85, 1990-95.

Distinguished Visiting Professor of Chemistry, US Air Force Academy, 2004-2005

Director in Research, Planning and Finance Division, Texas Higher Education Coordinating Board, June-Dec. 1991 (Leave of Absence).

American Chemical Society Congressional Fellow, 1986-87.

Senior Scientist, Radian Corporation, 1980-81.

Assistant and Associate Professor of Chemistry, Muskingum College, 1967-80; Department Chairman, 1971-74.

Resident Consultant (Sabbatical Leave), Battelle Columbus Laboratories, 1974-75; Consultant, 1979-1980.

HISTORY OF RESEARCH AND OTHER SCHOLARLY SUPPORT:

Petroleum Research Fund--1971-72, 1990-1992
Research Corporation--1972-73, 1976-1978, 2000
National Science Foundation--1971, 1979-80, 1984, 1995
Office of Naval Research--1983
Robert A. Welch Foundation Departmental and Special Grants--1984-Present
Camille and Henry Dreyfus Foundation--1993-2000

PROFESSIONAL SOCIETIES, HONORS, AND HONORARY SOCIETIES:

Associated Chemistry Teachers of Texas (ACT₂), Regional Coordinator, 1994-2004
American Chemical Society, Chairman, Dallas-Fort Worth Section, 1991
American Association for the Advancement of Science
American Association of University Professors
Council on Undergraduate Research, (Chemistry Division Councilor, 1997-2003)
Biography in "American Men and Women of Science"
Elected: Alpha Chi, Phi Lambda Upsilon, Phi Kappa Phi, Sigma Xi

ROBERT G. LANDOLT--DETAILS OF PROFESSIONAL ACTIVITIES

1993-2003--Originated and coordinated ProjectUCAIR (Undergraduate Cooperative Access to Information Resources: <http://pubs.acs.org/4librarians/livewire/2005/6.7/profile1.html>)

UCAIR resulted in foundation grants to provide on-campus workshops about on-line access to *Chemical Abstracts* for 26 Texas colleges and universities in 1996-97; access to ACS Research Journals at 24 schools nationwide in 1999-2000 and to the ACS Archives at 10 schools in 2003.

2000 and 2002--Coordinated Flinn Scientific Foundation Workshops for high school chemistry teachers as ACT₂ activities, co-sponsored by the Welch Foundation and Texas Wesleyan, see: <http://flinnsci.com/homepage/fsfindex.html>.

1993-2003--Organized and coordinated forums for faculty from primarily undergraduate institutions at luncheons hosted by the Welch Foundation at the annual Welch Research Conferences.

1991--While on leave with the Texas Higher Education Coordinating Board, administered the \$60M biennial proposal cycle evaluation for the Texas Advanced Research, Advanced Technology Programs.

1988-Present--Devised and taught two 'Science for the Citizen' courses, one focusing on 'Great Ideas in Science,' and the other on 'Energy and the Environment.'

1985-Present--Directed over 40 undergraduate research projects on the organic chemistry of hypochlorite, sponsored by grants from the Welch Foundation and the Petroleum Research Fund.

1990--Led in development and implementation of Texas Wesleyan's distinctive sequence of Organic Laboratories, emphasizing qualitative spectroscopic analysis and other 'problem-oriented' laboratory activities.

Since 1990--Led Chemistry Department collaboration with Alcon Laboratories in Fort Worth, leading to laboratory internships conducted by over a dozen undergraduates in Alcon's facilities.

1986-87--Selected by the American Chemical Society in a national competition to serve as a Congressional Fellow and spent the academic year as a legislative assistant to Cong. Jim Wright.

1983-84--Investigated reactions of hypohalites in fresh- and sea-water in research sponsored by the Office of Naval Research and developed a relatively non-toxic simulant for chemical warfare agent decontamination for the Naval Research Laboratories.