RESOLUTION

concerning

AWARD OF THE TITLE

CONNECTICUT STATE UNIVERSITY PROFESSOR

July 20, 1990

WHEREAS, The faculty at Western Connecticut State University has recommended Professor Robert J. Merrer for the title of Connecticut State University Professor, and

WHEREAS, The President of Western Connecticut State University, Stephen Feldman, has recommended awarding this title to Professor Merrer, and Connecticut State University President, Dallas K. Beal has concurred, and

WHEREAS, Professor Merrer, a scholar in chemistry, has served Western Connecticut State University as a member of the Chemistry Department and assisted in building the University's chemistry curriculum while attaining the highest levels of achievement in teaching, scholarship, and service, and

WHEREAS, Professor Merrer has helped to secure donations of significant amounts of equipment and software in Laboratory Information Management Systems (LIMS) for research and teaching at the University, and

WHEREAS, Professor Merrer has built a national reputation for his research on LIMS and has been recognized by his colleagues in the field for his professional excellence, therefore be it

RESOLVED, That the title, Connecticut State University Professor is herewith awarded by the Board of Trustees to Robert J. Merrer of Western Connecticut State University, effective July 20, 1990, pursuant to the BOT/AAUP Agreement, and be it further

RESOLVED, That Professor Merrer be entitled to all the rights, privileges, and responsibilities pertaining to this honor.

A Certified True Copy:

[Signature]
L. O. Davidson
Chairperson

[Signature]
Dallas K. Beal
President
Curriculum Vitae

Name: Robert J. Merrer

Address: Department of Chemistry
Western Connecticut State University
Danbury, CT 06810

Education:
1961-1965 University of Connecticut
B.A. Chemistry June, 1965
1965-1967 University of Connecticut
M.S. Analytical Chemistry June, 1967
1967-1970 University of Connecticut
Ph.D. Analytical Chemistry June, 1970

Professional Experience:

Western Connecticut State University
Professor of Chemistry; analytical chemistry and instrumental methods of analysis courses; research: atomic absorption, gas and liquid chromatography, laboratory information management systems

Beckman Instruments, Inc.
Implementation of CALS Lab Manager System and Automated Data Acquisition on WCSU's DEC VAXcluster on Ethernet

Waldwick, NJ

Perkin-Elmer Corporation
Consultant: preparation of C/LAS (Chromatography Laboratory Automation Software) manual

Computer-Aided Chemistry
Norwalk, CT

Harvard University
Consultant to the Department of Environmental Health Sciences; institution of quality assurance and quality control program for occupational environmental health hazards; NIOSH-PAT program; AIHA accreditation; institution of a collaborative round-robin program of heavy metal determination by atomic absorption spectroscopy

School of Public Health
Boston, MA

John Wiley and Sons, Inc.
Manuscript consultant and reviewer in analytical chemistry; final galley sheet reviewer

NY, NY

Willard Grant Press, Inc.
Manuscript reviewer

McGraw-Hill, Inc.

Harcourt Brace Jovanovich
Private consulting

Analytical chemistry problems:
legal aspects of breathalyzer testing;
thermal precipitation effects;
solvent screening for hat industry;
Li batteries; glass monolithic microcolumns for gas chromatography

Bedoukian Research, Inc.
Danbury, CT

Organic synthesis and analysis of flavor and fragrance compounds

Villa Maria College
Erie, PA

Assistant Professor of Chemistry;
analytical, general, and nursing chemistry; computers in chemistry

University of Pittsburgh
Pittsburgh, PA

NSF Institute for academic time-sharing uses of the computer

Professional activities:

Publications


4. Robert J. Merrer and Wesley B. Thompson, "Laboratory Information Management in the Undergraduate Instrumental Laboratory", American Laboratory, 15, 56(1983)


Talks


2. April 1986: WCSU: Research and Development Committee Faculty Research Seminar: "LIMS and the Atomic Absorption Determination of Calcium in Human Serum"


4. November 1985: Seton Hall University: North Jersey Section Featured Speaker for the American Chemical Society: "Chemical Risk Assessment in the Chemical Laboratory"


8. October 1983: WCSU Sigma Xi Club "Chemistry Bit-by-bit"

9. August 1983: 25th Annual Rocky Mountain Conference in Denver and June 1983: Northeast Regional Meeting of the American Chemical Society: "Information Management in the Undergraduate Instrumental Laboratory"

10. March 1983: Sacred Heart University: "Chemical Toxicities and Health Hazards in the Laboratory"


Professional Society Memberships

American Chemical Society (Southwestern Connecticut, Westchester County and national) Analytical, Chromatography, and Computer Divisions of the ACS
Sigma Xi Research Society
Phi Lambda Upsilon

Research Grants, Honors, Awards, Citations

1. Received a $3400 grant from the Connecticut State University for 1989-1990 for research concerning "Automated and Managed Atomic Absorption Determination of Calcium"

2. Acquired and implementing IDAS (Instrument Data Acquisition System) from Beckman Instruments in the analytical laboratory at Western Connecticut (worth in excess of $20,000)

3. December 1988, received a $5000 grant from the E. I. duPont de Nemours & Company to obtain instrumentation for the analytical chemistry laboratory in the Department of Chemistry at Western Connecticut State University

4. Recognized in May 23, 1988 issue of Chemical and Engineering News article for first incorporation of a commercially available laboratory information management system into the chemistry curriculum

5. Requested by Chairman and Organizer for The Symposium on the History of Electrochemistry at the international meeting of the American Chemical Society in Toronto, June, 1988, to referee papers in electrochemistry

7. Acquired and implemented Beckman's CALS (Computer Automated Laboratory System) Lab Manager in the instrumental methods of analysis curriculum (worth about $60,000 with installation)

8. Received a $2500 grant from the Connecticut State University for 1985-1986 for research concerning "Determination of Calcium in Human Serum by Atomic Absorption Spectroscopy: Lanthanum and non-Lanthanum Matrices"

9. Acquired and implemented the Perkin-Elmer LIMS/2000 computerized laboratory database management system in the chemistry curriculum (worth about $40,000)

10. Recognized at the WCSU Faculty Honors Convocation (1982-1990)

11. Grant from the Harvard School of Public Health to attend industrial hygiene workshop on the Evaluation and Control of Occupational Health Hazards

12. NSF Faculty Fellowship to implement computers in the chemistry curriculum


14. NSF pre-doctoral fellowship to carry out Ph.D. research

15. duPont Teaching Award at the University of Connecticut

Miscellaneous

1. Member of the Analytical Chemistry Examination Subcommittee of the American Chemical Society; rewrote the ACS National Undergraduate Analytical Chemistry Examination (released 1988)

2. Completed work as the Analytical Chemistry Task Force Advisor to the computerized ChemLab Project at RPI

3. Assisted in authoring the Gas Chromatography Module for the Virginia Military Institute Project SIINC (a computerized compendium of instrumental methods)

4. National Science Foundation Proposal Reviewer for Analytical Chemistry research projects

5. Consultant to the Danbury Health Department
6. Attended many meetings of the Eastern Analytical Symposium, Pittsburgh Conference on Analytical Chemistry, Connecticut Valley Section of the American Association of Clinical Chemists, Chemical Safety Symposia, Northeast Regional Meetings of the American Chemical Society, Southwestern Connecticut Section of the American Chemical Society, Westchester Chemical Society of the American Chemical Society, Westchester Society of the American Chemical Society, Rocky Mountain Conference of the American Chemical Society

7. Attended chemical instrumentation workshops in gas chromatography/mass spectroscopy, X-ray fluorescence, gas, ion, and high performance liquid chromatography, flame and electrothermal atomic absorption, differential pulse polarography, fluorescence, inductively coupled argon plasma emission spectroscopy

8. Took the following courses: 1981--Automation in the Chemistry Laboratory; Microcomputers in Chemistry; 1982--Safety in the Chemical Laboratory; 1983--PASCAL for Scientists; 1985--Computer Interfacing; 1988--CALS Lab Manager; 1988--Safety Workshop

9. Invited program contributor (1) Quantum Chemistry Program Exchange (University of Indiana) (2) COMPORG-X (Illinois Institute of Technology) (3) Physical Science Program Exchange at Wolverhampton, England

10. Scorer and computer spreadsheet coordinator for the Connecticut Society of Professional Engineers-sponsored MATHCOUNTS competition for seventh and eighth graders