

Martha Casey Bio and Vitae

After receiving a PhD in Organic Chemistry from MIT in 1968, I followed my husband to the University of Wisconsin-Madison, where he became an assistant professor, I a postdoctoral fellow. I worked six years as a research chemist in the Chemistry Department and School of Pharmacy. It was the days when people were worried about nepotism, not spousal hiring, and I found it essentially impossible to find a permanent position in chemistry in Madison.

In 1975, for both personal and professional reasons, I sought a full-time position that was not on scientific "soft money." I joined the university administration, where I worked 29 years retiring recently as Assistant Vice Chancellor for Academic Planning and Analysis. I built this arm of the Provost's office to support academic and budgetary decision making through data gathering, policy analysis, and projection of future trends. The Academic Planning and Analysis office (myself, and four analysts) used a great deal of the university's data -student enrollment patterns, personnel and payroll data, budget and expenditure trends and more. I learned how very dependent the university is on people who prepare this data, maintain it, and assure its accuracy and integrity. For these staff, there are few day to day "rewards", but they are motivated by a dedication to the integrity of the university's information systems. My office, on the other hand, had the "fun" of seeing how the chancellor, the provost and others would react to the studies we assembled from these data. It is largely because of knowing these dedicated staff and how hard they often work, that I decided to establish this award.

In the earlier years of my career, I was part of the Office of Budget, Planning and Analysis and worked on a variety of budget issues such as preparing budget proposals to System Administration and the State (when the university was still getting such proposals funded), and analyzing federal overhead patterns. One of the most difficult, but politically important analyses was our repeated attempts to compare the state funding of the UW-Madison with our peer universities in the Big Ten and elsewhere. Different methodologies for such studies will always yield varying results. However, all analyses supported the fact that this university is under funded compared with our peers. Consequently, UW wisely concentrates funding in "core missions" – especially instruction. As the Chancellor and others frequently point out, this university is becoming more and more dependent on private support to maintain its excellent academic rankings. This is another reason I was committed to establishing this award, and to encouraging other private funding of UW-Madison.

In the later years of my career, I concentrated on "academic planning," which meant I staffed the University Academic Planning Council, oversaw the academic program review process, and coordinated the approval process for required for new majors and degrees. I especially enjoyed the latter as it involved learning about new academic initiatives ranging from a new undergraduate degree in Biology, a Master of Engineering, a PhD in Japanese, and many others. These experiences again emphasized how special this university is in offering such a broad range of majors and degrees. Though none of my own degrees are from this university, I have become an enthusiastic "honorary alumnae."

Curriculum Vitae

Martha Link Casey

August 2005

Undergraduate Degree: A.B. Bryn Mawr College, 1964, magna cum laude, senior honors thesis in chemistry.

Graduate Degree: Ph.D. in Organic Chemistry, 1968, Massachusetts Institute of Technology. Thesis under the direction of Professor Daniel S. Kemp entitled "Base Catalyzed Decomposition of Substituted Benzisoxazoles: A Re-evaluation of the Significance of the Value."

Postdoctoral: University of Wisconsin-Madison, 1968-69 with Professor Harlan Goering

Professional Development Programs:

UW Madison Management Development Program, 1987-88.

Harvard Management Development Program, Summer 1989.

Professional Societies:

American Association of Higher Education

American Chemical Society

Association of Institutional Research

Society for College and University Planners

Sigma Delta Epsilon

Honors: Sigma Xi, NIH Predoctoral Fellow, 1965-68.

Professional Employment:

Assistant Vice Chancellor for Academic Planning and Analysis— Office of the Provost. University of Wisconsin-Madison, 1996-2003. (Until recently my office was part of the Office of Budget, Planning and Analysis and reported jointly to the Provost and Vice Chancellor for Administration.) Back-up appointment as a "Distinguished Academic Planner." Direct the Academic Planning and Analysis unit, which includes a group of four planners with assignments including:

Academic Planning

- Advise the Provost and Chancellor on policies and procedures related to review and evaluation of programs
- University Academic Planning Council (staff director)
- Oversight, on behalf of Provost's Office, of program review and new program development processes.
- Oversight of the approximately 100 discipline-specific accreditations carried out in an on-going cycle at UW-Madison and of institutional policies on relating to accreditation.

Policy analysis and data for decision support

- Development of a UW-Madison Data Digest, now in annual production.

- Development of “Departmental Planning Profiles”, data profiles on each of UW-Madison’s 125 departments that can be used in conjunction with program review and other planning exercises. Recently developed and still under review by deans.
- Official university enrollment projections, and projections of tuition revenue.
- Institutional accountability measures and developing quantitative indicators for use in accountability.
- Faculty teaching load analysis and policy.
- Faculty salary analysis and studies of gender equity in salaries.
- Student graduation and retention patterns.
- Faculty turnover patterns and projection of impact on academic programs.
- Represent UW-Madison in the American Association of Universities Data Exchange, the single best source of comparative analyses of UW-Madison salaries, faculty workload, expenditure and enrollment patterns with those of other major research universities. Prepare comparisons with other AAU universities and understand the limitations of these comparisons.

Previous Professional Employment

Administrative

Assistant Director, Office of Budget, Planning and Analysis, and Program Coordinator, Office of the Vice Chancellor for Academic Affairs, University of Wisconsin-Madison, 1974-1996.

Chemistry-related

Lecturer, Department of Chemistry, University of Wisconsin-Madison, Fall 1978. (Taught Chemistry 346, advanced organic chemistry laboratory course).

Lecturer, Department of Chemistry, University of Wisconsin-Madison, Spring 1975. (Taught Chemistry 344, introductory organic chemistry laboratory course).

Research Associate in Chemistry, Department of Chemistry, University of Wisconsin-Madison, 1972-1974. (Chemical research with Professor Howard Whitlock on ^{13}C and ^1H NMR of biologically interesting molecules.)

Research Associate in Pharmacy, School of Pharmacy, University of Wisconsin-Madison, 1970-1972. (Chemical research with Professor Charles Sih on rifamycins, prostaglandins, and other natural products.)

Research Associate in Chemistry, Department of Chemistry, University of Wisconsin-Madison, 1968-1969. (Chemical research with Professor Harlan Goering on solvolysis mechanisms of non-classical carbonium ions.)

Teaching Assistant and N.I.H. Predoctoral Fellow at M.I.T., 1964-1968.

Administrative Committee appointments: Have represented UW-Madison on many campuswide, systemwide and national committees including:

CIC Accreditation Network (currently)

AAU Data Exchange (for many years, now a member of my staff)

Committees that prepared UW-Madison for North Central Accreditation visits in 1989 and 1999

UW System Working Group on Faculty and Academic Staff Compensation (first UW-Madison academic staff representative)

UW Undergraduate Teaching Improvement Council (six years)

UW System working groups on program array and academic program development

Chemistry-related appointments in the American Chemical Society:

Council Policy Committee, elected member beginning in 2003.

James Flack Norris Award Canvassing Committee, 2002.

National American Chemical Society Council, Councilor and Alternate Councilor representing Wisconsin Section, 1982-present.

Committee of Economic and Professional Affairs, 1999-2002.

Budget and Finance Committee, 2000-2002.

Women Chemists Committee, 1986-87 and 1995-96

Committee on Membership Affairs, 1986-87.

Wisconsin Section of the American Chemical Society, chair, 1980;

Secretary-Treasurer, 1975.

Civic and Public Service Activities:

Director-at-Large, University of Wisconsin Alumni Association, 1995-2001. Member, Downtown Rotary, Madison, Wisconsin, 1995-present. Trustee, Madison Rotary Foundation, 2001-2003.

President, Board of Directors, University Club, University of Wisconsin-Madison, 1993-1995.

Member, Madison Opera Guild, Board of Directors, 1987-2000.

Founding Member, University Day Care Committee, 1971-76.

Alumnae representative, Bryn Mawr College (in Madison), 1968-1985.

Recent Presentations at National Meetings:

“Assessing Program Array as a Context for Planning”, paper presented at the national meeting of the Society of College and University Planning, Chicago, Illinois, July 1997.

“Program Array: How Can it be Evaluated?” paper presented at the national forum of the Association of Institutional Research, Albuquerque, New Mexico, May 1996.

“Faculty Teaching Loads: What are States Requiring? How are Institutions Responding?” Chair of a panel at 1995 national forum of the Association of Institutional Research, Boston, Massachusetts, May 1995.

Foreign Exchanges Encourage New Perspectives for Institutional Research”, paper presented at the national forum of the Association of Institutional Research, Chicago, Illinois, May 1993.

“Development of a Teaching Load Policy”, paper presented at the Association of Institutional Research National Forum, Atlanta, Georgia, May 1992.

Publications:

E. Berliner, Jean Kim and Martha Link, “Kinetics of Bromination of 1,5 Dimethylnaphthalene. A Change in Mechanism,” *J. Org. Chem.*, 33, 1160 (1968).

C. J. Sih, P. Price, R. Sood, R. Solomon, G. Peruzotti and M. Casey, “Total Synthesis of Prostaglandins. II. Prostaglandin E1,” *J. Am. Chem. Soc.*, 94, 3643 (1972).

M. L. Casey, D. S. Kemp, K. G. Paul and D. D. Cox, “The Physical Organic Chemistry of Benzisoxazoles. I. Mechanism of Decomposition of Benzisoxazoles,” *J. Org. Chem.*, 38, 2294 (1973).

D. S. Kemp and M. L. Casey, “Linearity of the Bronsted Free Energy Relationship for Base-Catalyzed Decomposition of Benzisoxazoles,” *J. Am. Chem. Soc.*, 95, 6670 (1973).

R. C. Paulick, M. L. Casey, D. F. Hillenbrand and H. W. Whitlock, “A ^{13}C Nuclear Magnetic Resonance Study of the Biosynthesis of Islandicin from $^{13}\text{CH}_3^{13}\text{COONa}$,” *J. Am. Chem. Soc.*, 97, 5303 (1975).

M. L. Casey and H. W. Whitlock, “Determination of the Solution Conformation of Rifamycin S and Derivatives by Nuclear Magnetic Resonance,” *J. Am. Chem. Soc.*, 97, 6231 (1975).

M. L. Casey, R. C. Paulick and H. W. Whitlock, “A ^{13}C Nuclear Magnetic Resonance Study of Mollisin and Its Biosynthesis,” *J. Am. Chem. Soc.*, 98, 2636 (1976).

Robert C. Paulick, Martha L. Casey, H. W. Whitlock, “A ^{13}C Nuclear Magnetic Resonance Study of the Biosynthesis of Daunomycin from $^{13}\text{CH}_3^{13}\text{CO}_2\text{Na}$,” *J. Am. Chem. Soc.*, 98, 3370 (1976).

Martha L. Casey, Robert C. Paulick and H. W. Whitlock, “A ^{13}C Nuclear Magnetic Resonance Study of the Biosynthesis of Daunomycin and Islandicin,” *J. Org. Chem.*, 43, 1627 (1978).

Martha L. Casey and Gebre Tesfagiorgis, “UW-Madison’s Enrollment Prospects for the 1980s and Early 1990s,” abstracted for the ERIC (Educational Resources Information Center) microfiche collection and the abstract published and indexed in *Resources in Education*, July 1984.

Fannie J. LeMoine, Martha L. Casey, et al., “Self-Study Lessons,” in *A Collection of Papers on Self-Study and Institutional Improvements 1990*, Commission on Institutions of Higher Education of the North Central Association of Colleges and Schools, Chicago, Illinois, 1990.

Martha L. Casey and Judith Gill, “Policy Analysis” (bibliography), in *Reference Sources: An Annotated Bibliography*, edited by William R. Fendley, Jr. and Linda T. Seeloff, Association of Institutional Research, Tallahassee, Florida, 1993.

Martha L. Casey, "New Tools to Evaluate Program Growth," *Planning for Higher Education*, 26, 21 (1998).

Personal: Married to Professor Charles P. Casey, Steenbock Professor of Physical Sciences. One daughter, Jennifer Casey, psychiatrist residing in York, Maine.