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**Memorial Resolution of the Faculty of the University of Wisconsin-Madison  
On the Death of Professor Emeritus Laurens Anderson**

University of Wisconsin–Madison Professor Emeritus of Biochemistry and Ph.D alumnus Laurens “Andy” Anderson died on Nov. 6, 2018 at the age of 98. He was a world-renowned expert on carbohydrate chemistry and nomenclature and a faculty member in the Department of Biochemistry for 35 years.

Anderson was born on May 19, 1920. He attended the University of Wyoming, graduating in 1942 with a degree in chemistry and a reserve commission in the US Army Air Force. During WWII he served as a B24 bomber pilot in missions over southern Europe. In 1946, Anderson and his wife Doris moved to Madison where he began his graduate studies in biochemistry.

As a graduate student he worked with esteemed biochemist Henry Lardy, an expert in metabolism of a wide array of compounds including sugars. After earning his Ph.D in 1950, and following a year-long postdoctoral position in Switzerland, Anderson returned to UW–Madison to join the biochemistry faculty. Members of the Department of Biochemistry remember Andy as a passionate scientist. He was a most valued mentor not only to his own students but also to the many additional students for which he served as a thesis committee member.

One of Anderson's first major scientific contributions was determining the molecular structure of cyclitols, which are a group of compounds closely related to the sugars. He became a world expert on the structure and chemical synthesis of cyclitols, including the inositols which are a class of cyclitols that proved to have a central role in biological signaling. This impactful research area yielded more than 800 cyclitol and sugar derivatives, most of which are intermediates in synthetic pathways.

Prof. Anderson's career was filled with service and many awards. He was editor of the *Journal of Carbohydrate Research* for a long period and was involved in multiple initiatives with the American Chemistry Society (ACS). In 1984 he was awarded ACS's Hudson Award in Carbohydrate Chemistry.

Anderson retired in 1986 to become an Emeritus Professor. But he couldn't stay away from the laboratory for long. Just a few years later he became a Visiting Senior Professor in the Chemistry Department working in the laboratory of Professor Bassam Shkhashiri. There, he assisted in mentoring graduate and undergraduate students and co-authored a recent paper in the *Journal of Chemical Education*.