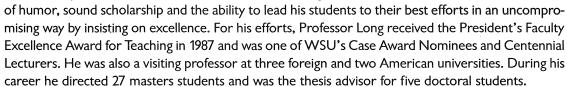# A Special Tribute to Calvin T. Long

Teacher • Researcher • Mentor • Leader • Friend

Calvin T. Long was born in Rupert, Idaho, where he received his elementary and secondary education. Inspired by his teachers, he continued his education and was granted a B. S. degree from the University of Idaho in 1950, an M. S. degree from the University of Oregon in 1952 and a Ph.D. under the direction of Professor Ivan Niven, from the University of Oregon in 1955. After gradua-tion, he spent one year as an analyst in Washington, D. C. working for the National Security Agency. In 1956, Cal accepted a position in the Mathematics Department at Washington State University (WSU) in Pullman, Washington, where he remained until his re-tirement in 1992.

It would be impossible to list all of Professor Long's accomplish-ments during his tenure at WSU so we will try to list only what we consider to be the most important ones. During the 1960s and early 1970s Cal served as director or associate director for several NSF-funded institutes for elementary, junior and high school mathemat-ics teachers. This led to his deep interest in mathematics education. From 1970-78, he served as department chairman.

As a teacher, his students both at the graduate and undergradu-ate level respected him. He was a taskmaster but had a good sense of humor, sound scholarship and the ability to lead his students to their best efforts in an uncompro-mising way by insisting on excellence. For his efforts, Professor Long received the President's Faculty Excellence Award for Teaching in 1987 and was one of WSU's Case Award Nominees and Centennial Lecturers. He was also a visiting professor at three foreign and two American universities. During his career he directed 27 masters students and was the thesis advisor for five doctoral students.

As a researcher, he was the author or co-author of at least twenty-four grant proposals that funded programs or institutes related to mathematics education. He was the author of several books on number theory and mathematics education. He did extensive reviewing and refereeing of re-search papers and was an associate editor for two mathematics journals. He had more than 80-refereed publications and gave more than 150-invited lectures throughout the United States, Canada, Australia, New Zealand and Germany. He has also given at least 50 invited colloquium talks. Profes-sor Long is a member of many honor societies, including Phi Beta Kappa. He is also an active member of many mathematical societies, including the Mathematical Association of America (MAA), the Ameri-can Mathematical Society (AMS), the Fibonacci Association and the National Council of Teachers of Mathematics. He was elected Vice-Chairman, Chairman and Governor of the Northwest Section of the MAA. He served on numerous local, regional and national committees. For his dedication to his profession, he received the Certificate of Meritorious Service from the MAA in January of 1991.

As a mentor, he was always there for his fellow teachers as well as for his current and former students. As a leader, he was a state coordinator for the American High School Mathematics Exami-nation, he was one of the organizers of the WSU Mathematics Honors Scholarship Competition