

AWM Awards Presented in Baltimore

The Association for Women in Mathematics (AWM) presented two awards during the Joint Mathematics Meetings in Baltimore in January 2003.

Louise Hay Award

The Louise Hay Award for Contributions to Mathematics Education was established in 1990 to honor the memory of Louise Hay, who was widely recognized for her contributions to mathematical logic and for her devotion to students.

The 2003 Hay Award was presented to KATHERINE PUCKETT LAYTON of Beverly Hills High School “[i]n recognition of her significant contributions to mathematics education, her outstanding achievements as a teacher and scholar, and her role in bridging mathematics education communities.”

Layton began her teaching career in 1960 after receiving a bachelor’s degree in mathematics from the University of California, Los Angeles (UCLA). She taught mathematics for forty years at Beverly Hills High School. She spent one year studying for an M.Ed. in mathematics at Harvard University and was a visiting lecturer at Clemson University and in the UCLA mathematics department. In 1990 she received the California Presidential Award for Teaching Excellence. After her retirement in 1999 she spent two years in the Graduate School of Education at UCLA, where she was a field supervisor for a teaching intern program for mathematics majors. She has served on the Mathematical Sciences Education Board of the National Research Council, the National Board for Professional Teaching Standards, and the College Entrance Examination Board.

Schafer Prize

The Alice T. Schafer Prize for Excellence in Mathematics by an Undergraduate Woman was established in 1990. The prize is named in honor of Alice T. Schafer, one of the founders of AWM and one of its past presidents.

The 2003 Schafer Prize was awarded to KATE GRUHER of the University of Chicago. Two runners-up were also honored: WEI HO of Harvard University and JOSEPHINE T. YU of the University of California, Davis.

Gruher, a senior at the University of Chicago, excelled in the honors calculus, honors algebra, and honors analysis sequences. During the summer after her sophomore year, she participated in the ergodic theory group of the Research Experiences for Undergraduates program at Williams College. A paper she coauthored on power weak mixing will appear in the *New York Journal of Mathematics*. In the summer of 2002 she participated in the highly exclusive Director’s Summer Program at the National Security Agency (NSA). In addition to her classes and research, Kate has graded and run problem sessions for calculus, assisted with new student orientation, and worked as a counselor with the University of Chicago’s middle school Young Scholars Program.