

Meeting: 1003, Atlanta, Georgia, MAA CP H1, MAA Session on History of Undergraduate Mathematics in America, 1900–2000

1003-H1-415 **John A Winn*** (winnja@farmingdale.edu), Chair of Mathematics, Farmingdale State Univ. of NY, 2350 Broadhollow Road, Farmingdale, NY 11735-1021, **Joe Malkevitch** (joeyc@cunyvm.cuny.edu), Department of Mathematics, York College, CUNY, Jamaica NY, NY 11451-0001, and **Walter J Meyer** (meyer@panther.adelphi.edu), Dept. of Mathematics, Adelphi University, Garden City, NY 11530. *The Long Term Undergraduate Mathematics Educators: What are they thinking?* Preliminary report.

The authors conducted a survey of long term undergraduate mathematics educators for the purpose of obtaining data concerning the respondent's views on how they felt the profession in general and their individual teaching practices in particular evolved over a fifty-year period. Approximately 300 mathematics educators who were members of a major national undergraduate mathematics society for at least 50 years as of 2002 were surveyed. The survey was conducted in February 2003. Survey items included views on how attractive teaching undergraduate mathematics is now compared to about 50 years ago, views on using modern technology, views on the affect of social changes, changes in grading over time, the use of applications in teaching over time and many other interesting issues. The highlights of the survey results will be presented. (Received September 14, 2004)