101 Careers in Mathematics (edited by Andrew Sterrett)

The authors of the essays in this volume describe a wide variety of careers for which a background in the mathematical sciences is useful. Each of the jobs presented show real people in real jobs. Their individual histories, demonstrate how the study of mathematics helped them land good paying jobs in predictable places like IBM, AT&T, and American Airlines, and in surprising places like FedEx Corporation, L.L. Bean, and Perdue Farms, Inc. You will also learn about job opportunities in the Federal Government, as well as exciting careers in the arts, sculpture, music and television. There are really no limits to what you can do if you are well prepared in mathematics. The degrees earned by the authors profiled here, range from bachelors to masters to Ph.D. in approximately equal numbers. Most of the writers use the mathematical sciences on a daily basis in their work; others rely on the general problem-solving skills acquired in mathematics as they deal with complex issues. Students should not overlook the articles in the Appendix that are reprinted from the MAA’s student magazine, "Math Horizons" These articles provide valuable advice on looking for a job and on the expectations of industry.