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Nota di contenuto	Preface. Acknowledgments. Introduction. SETTING THE STAGE. The Academic Enterprise. Science and Engineering in Higher Education. New Challenges for the Professoriate. PREPARING FOR AN ACADEMIC CAREER. Your professional Preparation Strategy. Research as a Graduate Student and Postdoc. Teaching Experiences Prior to Becoming a Professor. FINDING AND GETTING THE BEST POSSIBLE ACADEMIC POSITION. Identifying the Possibilities. Applying for Positions. Getting the Results You Want. LOOKING AHEAD TO YOUR FIRST YEARS ON THE JOB - ADVICE FROM THE FIELD. Changing Gears. Insights on Time Management. Insights on Teaching and Learning. Insights on Research. Insights on Professional Responsibility. Insights on Tenure. Insights on Academia: Needed Changes. APPENDIXES. Appendix A: Possible Items

for Inclusion in a Teaching Portfolio. Appendix B: Statement of Personal Philosophy Regarding Teaching and Learning. Appendix C: Professional Associations for Academic Job Seekers in Science and Engineering. Appendix D: Questions to Ask Before Accepting a Faculty Position. Appendix E: Sample Offer Letters. Appendix F: Elements Found in Most Successful Proposals. Appendix G: Common Shortcomings of Grant Proposals. Index. About the Author.

Sommario/riassunto

Tomorrow's Professor is designed to help you prepare for, find, and succeed at academic careers in science and engineering. It looks at the full range of North American four-year academic institutions while featuring 30 vignettes and more than 50 individual stories that bring to life the principles and strategies outlined in the book. Tailored for today's graduate students, postdocs, and beginning professors, Tomorrow's Professor: . Presents a no-holds-barred look at the academic enterprise. Describes a powerful preparation strategy to make you competitive for academic positions while maintaining your options for worthwhile careers in government and industry. Explains how to get the offer you want and start-up package you need to help ensure success in your first critical years on the job. Provides essential insights from experienced faculty on how to develop a rewarding academic career and a quality of life that is both balanced and fulfilling At a time when anxiety about academic career opportunities for Ph.D.s in these field is at an all-time high, Tomorrow's Professor provides a much-needed practical approach to career development.
