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## AS SKILLS CONSULTANT

DEVELOPING SKILLS AS AN UNDERGRADUATE DEVELOPING SKILLS AS A GRADUATE STUDENT; SKILLS FOR ALL LEVELS; 5 THE MENTOR AS ROLE MODEL; 6 RECOMMENDATION: IMPROVING THE QUALITY OF MENTORING; 7 RESOURCES; INTERNET RESOURCES; GENDER, CULTURAL, AND DISABILITY ISSUES; Bibliography; DOING SCIENCE; PRESENTATIONS; JOB-HUNTING; MENTORING; ORAL COMMUNICATION; TIME MANAGEMENT AND PROFESSIONAL DEVELOPMENT; GENDER, CULTURAL, AND DISABILITY ISSUES; RESPONSIBLE SCIENTIFIC CONDUCT; TEACHING; WRITING; REPORT BRIEF RESHAPING THE GRADUATE EDUCATION OF SCIENTISTS AND ENGINEERS

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### Sommario/riassunto

This guide offers helpful advice on how teachers, administrators, and career advisers in science and engineering can become better mentors to their students. It starts with the premise that a successful mentor guides students in a variety of ways: by helping them get the most from their educational experience, by introducing them to and making them comfortable with a specific disciplinary culture, and by offering assistance with the search for suitable employment. Other topics covered in the guide include career planning, time management, writing development, and responsible scientific conduct. Also included is a valuable list of bibliographical and Internet resources on mentoring and related topics.

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