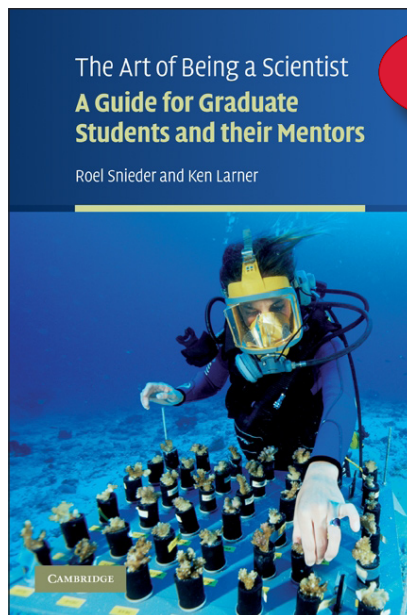


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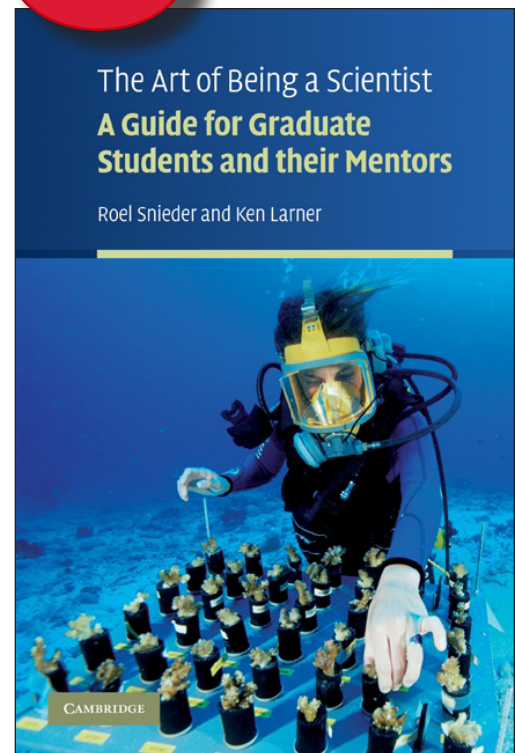
Key Features

- *Teaches practical skills* for doing research, enabling young researchers to develop useful research habits and avoid time-consuming pitfalls
- *Provides a sample curriculum* of a course for graduate students, supplying professors with ideas on how to educate their graduate students more effectively
- *Provides clear advice on career development*, allowing students to make informed decisions about career options and strategies for a successful research career

Contents

1. Introduction; 2. What is science? 3. Choices, choices, choices; 4. The adviser and thesis committee; 5. Questions drive research; 6. Giving direction to your work; 7. Turning challenges into opportunities; 8. Ethics of research; 9. Using the scientific literature; 10. Communication; 11. Publishing a paper; 12. Time management; 13. Writing proposals; 14. The scientific career; 15. Applying for a job; 16. Concluding remarks; Appendix A. Further reading; Appendix B. A sample curriculum; Appendix C. The Refer and BibTeX format; Index.

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