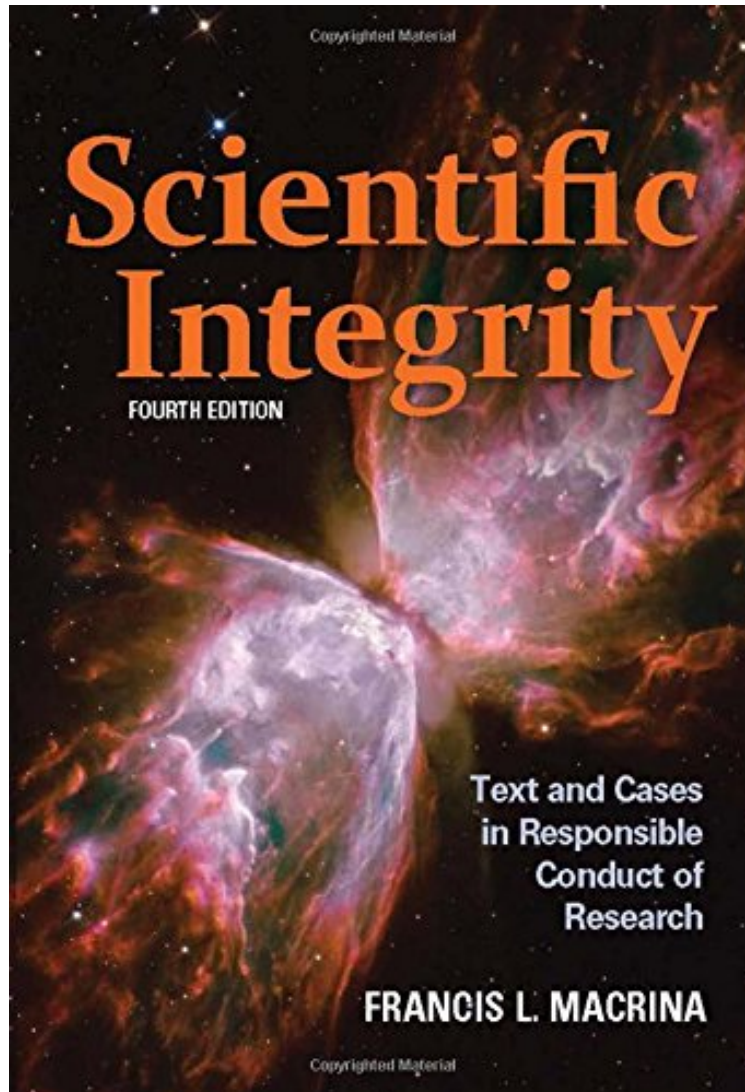


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# Scientific Integrity: Text and Cases in Responsible Conduct of Research

*Francis L. Macrina*

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**Francis L. Macrina : Scientific Integrity: Text and Cases in Responsible Conduct of Research** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Scientific Integrity: Text and Cases in Responsible Conduct of Research:

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This widely adopted textbook provides the essential content and skill-building tools for teaching the responsible conduct of scientific research. *Scientific Integrity* covers the breadth of concerns faced by scientists: protection of animal and human experimental subjects, scientific publication, intellectual property, conflict of interest, collaboration, record keeping, mentoring, and the social and ethical responsibilities of scientists. Learning activities and resources designed to elucidate the principles of scientific integrity include Dozens of highly relevant, interactive case studies for discussion in class or online Numerous print and online resources covering the newest research guidelines, regulations, mandates and policies Discussion questions, role-playing exercises, and survey tools to promote critical thought Documents including published rules of conduct, sample experimentation protocols, and patent applications The new edition of *Scientific Integrity* responds to significant recent changes new mandates, policies, laws, and other developments in the field of responsible conduct of research. Dr. Macrina plants the seeds of awareness of existing, changing, and emerging standards in scientific conduct and provides the tools to promote critical thinking in the use of that information. *Scientific Integrity* is the original turnkey text to guide the next generations of scientists as well as practicing researchers in the essential skills and approaches for the responsible conduct of science.

*Scientific Integrity* should be on the bookshelf of the entire research community. With the ever-growing ability of science to positively impact society, education in the responsible conduct of research is increasingly important for all members of the community, from students through faculty, staff, and administrators. Timothy Donohue, Professor of Bacteriology, University of Wisconsin-Madison, and Director, Great Lakes Bioenergy Research Center From the Back Cover *Scientific Integrity: an Introductory Text with Cases* is designed for students pursuing careers in biomedical research. Each chapter has been extensively tested in the classroom and reviewed by scientists responsible for teaching courses on scientific integrity to ensure that the coverage of key issues is complete, clear, and concise. Provocative case studies are provided at the end of most chapters to complement the text and offer readers an opportunity to debate the complex issues facing contemporary biomedical researchers. This book avoids prescriptive lists of do's and don'ts and encourages students to think critically about how to integrate ethical considerations into their research careers.