Three-fourths of scientific research in the United States is funded by special interests. Many of these groups have specific practical goals, such as developing pharmaceuticals or establishing that a pollutant causes only minimal harm. For groups with financial conflicts of interest, their scientific findings often can be deeply flawed.

To uncover and assess these scientific flaws, award-winning biologist and philosopher of science Kristin Shrader-Frechette uses the analytical tools of classic philosophy of science. This book is both an in-depth look at the unreliable scientific findings at the root of contemporary debates in biochemistry, ecology, economics, hydrogeology, physics, and zoology -- and a call to action for scientists, philosophers of science, and all citizens.

Advance Praise:
"This book shows that practical philosophy of science is not only possible but also necessary if scientific research is to serve social needs."
--Mark Sagoff, Professor of Philosophy, George Mason University

"Shrader-Frechette...bridges the gap between theoretical aspects and the necessity of viewing the philosophy of science as practiced in the real world in rigorous, analytic, humanistic, and justice-promoting terms."
--Nicholas A. Ashford, Professor of Technology and Policy, the Massachusetts Institute of Technology

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