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HOW PHILOSOPHY OF SCIENCE CAN EXPOSE BAD SCIENCE

Kristin Shrader-Frechette

**T**hree-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."

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"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."

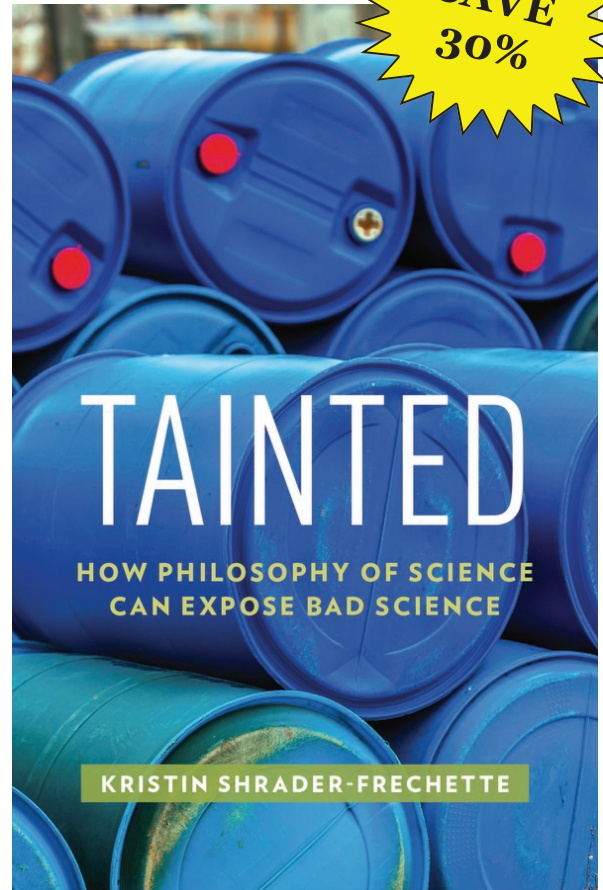
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### Features:

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- A call to action for scientists, philosophers of science, and citizens

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**Kristin Shrader-Frechette** is O'Neill Professor at University of Notre Dame, where she teaches biological sciences, environmental sciences, and philosophy of science

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