

1. Record Nr.	UNINA9910790190103321
Autore	Firestein Stuart
Titolo	Ignorance [[electronic resource]] : how it drives science / / Stuart Firestein
Pubbl/distr/stampa	Oxford ; ; New York, : Oxford University Press, 2012
ISBN	0-19-993933-0 1-280-59536-1 9786613625199 0-19-982808-3
Descrizione fisica	1 online resource (208 p.)
Classificazione	SCI000000
Disciplina	501.9
Soggetti	Science - Philosophy Ignorance (Theory of knowledge) Discoveries in science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Machine generated contents note: -- Chapter 1. A Short View of Ignorance -- Chapter 2. Finding Out -- Chapter 3. Limits, Uncertainty, Impossibility, and Other Minor Problems -- Chapter 4. Unpredicting -- Chapter 5. The Quality of Ignorance -- Chapter 6. Ignorance in Action: Case Histories -- Chapter 7. Ignorance beyond the Lab.
Sommario/riassunto	"Knowledge is a big subject, says Stuart Firestein, but ignorance is a bigger one. And it is ignorance--not knowledge--that is the true engine of science. Most of us have a false impression of science as a surefire, deliberate, step-by-step method for finding things out and getting things done. In fact, says Firestein, more often than not, science is like looking for a black cat in a dark room, and there may not be a cat in the room. The process is more hit-or-miss than you might imagine, with much stumbling and groping after phantoms. But it is exactly this "not knowing," this puzzling over thorny questions or inexplicable data, that gets researchers into the lab early and keeps them there late, the thing that propels them, the very driving force of science. Firestein shows how scientists use ignorance to program their work, to identify what should be done, what the next steps are, and

where they should concentrate their energies. And he includes a catalog of how scientists use ignorance, consciously or unconsciously--a remarkable range of approaches that includes looking for connections to other research, revisiting apparently settled questions, using small questions to get at big ones, and tackling a problem simply out of curiosity. The book concludes with four case histories--in cognitive psychology, theoretical physics, astronomy, and neuroscience--that provide a feel for the nuts and bolts of ignorance, the day-to-day battle that goes on in scientific laboratories and in scientific minds with questions that range from the quotidian to the profound. Turning the conventional idea about science on its head, Ignorance opens a new window on the true nature of research. It is a must-read for anyone curious about science"--

2. Record Nr.

Autore

UNINA9911049165503321

Titolo

James Benjamin C

Pubbl/distr/stampa

Difficult Decisions in Endocrine Surgery : An Evidence-Based Approach

Cham : , : Springer, , 2025

©2025

ISBN

3-032-05288-2

Edizione

[2nd ed.]

Descrizione fisica

1 online resource (680 pages)

Collana

Difficult Decisions in Surgery: an Evidence-Based Approach Series

Altri autori (Persone)

James

Lingua di pubblicazione

Inglese

Formato

Materiale a stampa

Livello bibliografico

Monografia

Sommario/riassunto

Following a successful first edition in 2018, this book offers predominantly new chapters reflecting the advances made in the field. This second edition keeps the recommendations based on newly published data. Many new chapter authors are also on board making this book a comprehensive overview of difficult decisions encountered within endocrine.

