

SCIENCE

“Following a series of outstanding books on various aspects of the history of science, Andrew Robinson has now edited a fascinating work which explores the origins of some of the greatest scientific institutions in the world and their innovations which have changed all our lives.”

—Sir David Weatherall, FRS, Regius Professor of Medicine Emeritus,
Weatherall Institute of Molecular Medicine, University of Oxford

In the evolution of science and technology, laws governing exceptional creativity and innovation have yet to be discovered, but our understanding of the creative process advances little by little with each new scientific breakthrough. In *Exceptional Creativity in Science and Technology* editor Andrew Robinson gathers together an esteemed group of contributors to explore this exciting progress.

They include two Nobel Prize laureates and come from a diverse range of backgrounds: science, engineering, inventing, economics, entrepreneurship, history, and sociology. They also have close connections with some of the world's leading businesses, laboratories, and research institutions, such as Bell Laboratories, Microsoft Research, Oxford University, Princeton University, and Stanford University. They are all united by a common quest to answer one intriguing, overarching question: *How exactly do we make scientific and technological breakthroughs?*

CONTRIBUTORS: Philip W. Anderson, David P. Billington, David P. Billington Jr., Baruch S. Blumberg, Timothy F. Bresnahan, Freeman Dyson, George Dyson, David M. Gear, Susan Hackwood, Jonathan Hey, Tony Hey, J. Rogers Hollingsworth, Andrew Robinson, Gino Segrè, and Joshua Silver

ANDREW ROBINSON is a former literary editor of the *Times Higher Education Supplement* in London and visiting fellow of Wolfson College, Cambridge. He is the author of some twenty-five books in the arts and sciences, which have been translated into fifteen languages. His latest books are *Cracking the Egyptian Code: The Revolutionary Life of Jean-François Champollion* and an edited collection, *The Scientists: An Epic of Discovery*, with contributions from scientists, historians of science, and science writers.



Templeton Press
www.templetonpress.org

Cover design: Trish Vergilio

ISBN-13: 978-1-59947-426-7



9 781599 474267



Robinson
EXCEPTIONAL CREATIVITY

EXCEPTIONAL CREATIVITY *in* SCIENCE *and* TECHNOLOGY

Individuals, Institutions, and Innovations

Edited by Andrew Robinson