

The Candid Science Series

The *Candid Science* series of books contains well over 200 conversations with famous scientists, including more than 100 Nobel laureates. These in-depth conversations cover the stories of scientific discoveries and the exciting human dramas behind them. Advances in science have spectacularly changed our understanding of the world and provided previously unimaginable benefits for all mankind. There exists a gap between scientists and the rest of society. The conversations in *Candid Science* help bridge this gap, and they chronicle many of the stories of science and scientists that mark our age.



CANDID SCIENCE

Conversations with Famous Chemists
by **István Hargittai** (Budapest University of
Technology and Economics, Hungary)
edited by **Magdolna Hargittai**
(Hungarian Academy of Sciences)

"... István Hargittai ... is brilliant at drawing his subjects out, tactfully asking them the right questions and thus providing us with an insider view of what chemistry in the 20th century has been like ... these people are extraordinarily successful chemists, and enthusiasts for it. They make the book delightful to browse. Maybe it will, as it should, produce enthusiasts in its turn; it should be on everyone's bedside table."

Chemistry & Industry

"... the conversations in this book encapsulate a time that is past, and leave the reader with a comforting glow ... the editor has conducted his interviews with sympathy and collected his material with care. For this, he is to be commended. His book will be enjoyed by chemists and non-chemists alike."

Nature

"... I found this book exceedingly hard to put down. Because such intimate revelations are usually not made public, this work constitutes a valuable historical document and is one that I feel should be read by every chemist."

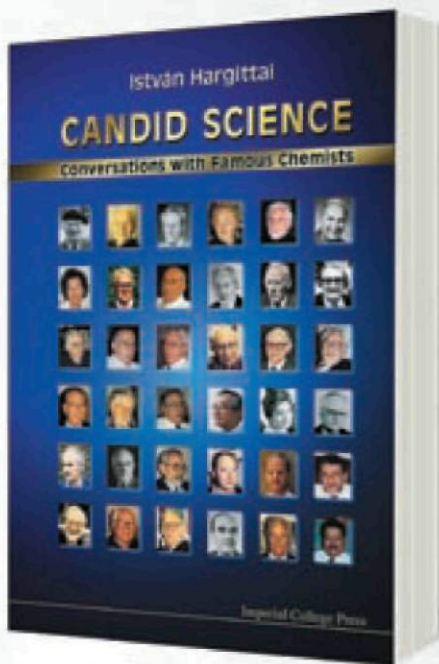
Chemistry in Britain

"This book, of course, can be opened on any page and read with pleasure. The personal speaking style of the text, in contrast to laboriously written paragraphs, makes it easy reading ... There is plenty of useful information, interesting adventure, and valuable advice in the text. The book will be enjoyed by all who have some interest in chemistry, and is highly recommended."

Australian Journal of Chemistry

Readership: Chemists.

528pp	Jan 2000	
1-86094-151-6	US\$78	£48
1-86094-228-8(pbk)	US\$34	£21



The interviewees include some of the outstanding chemists of our time:

- Linus Pauling
- Erwin Chargaff
- Frank H. Westheimer
- Gertrude B. Elion
- Carl Djerassi
- Paul J. Scheuer
- Ayhan Ulubelen
- John W. Cornforth
- Vladimir Prelog
- Derek H. R. Barton
- Odd Hassel
- Michael J. S. Dewar
- John A. Pople
- Roald Hoffmann
- Kenichi Fukui
- Milton Orchin
- F. Albert Cotton
- Herbert C. Brown
- George A. Olah
- John D. Roberts
- Richard R. Ernst
- Eiji Osawa
- Elena G. Gal'pern
- Ivan V. Stankevich
- Harold W. Kroto
- R. Buckminster Fuller
- Richard E. Smalley
- Robert F. Curl
- Wolfgang Krätschmer
- Robert L. Whetten
- Philip E. Eaton
- R. Stephen Berry
- Kenneth S. Pitzer
- F. Sherwood Rowland
- Nikolai N. Semenov
- George Porter
- Ahmed H. Zewail

CANDID SCIENCE II

Conversations with
Famous Biomedical Scientists
by **István Hargittai** (Budapest University of
Technology and Economics, Hungary)
edited by **Magdolna Hargittai**
(Hungarian Academy of Sciences)

"The book is easy to read ... Overall, they give an accurate flavor of biomedical research ..."

Choice

"The present selection of interviews gives a cross section covering a broad range of topics, personalities, and circumstances of recording. I agree with Hargittai's evaluation and heartily recommend his book, suitable for both complete reading or browsing, to biomedical scientists, biochemists, chemists, historians of chemistry and or science, and general readers interested in the 'inside story' of the workings of 20th-century science."

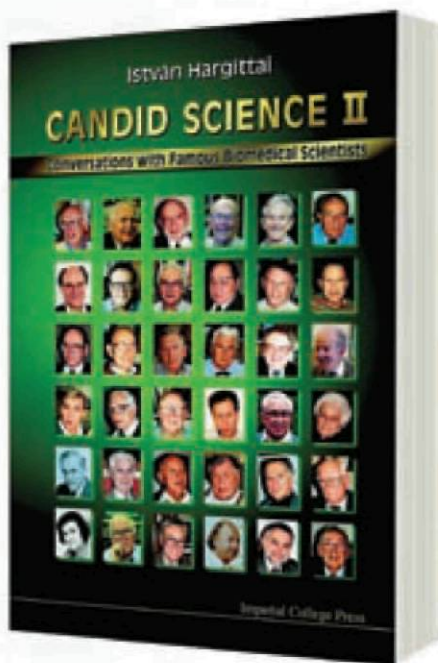
The Chemical Educator

"I heartily recommend this book, suitable for both complete reading or browsing, to biomedical scientists, biochemists, chemists, historians of chemistry and of science generally, and general readers interested in the 'inside story' of the workings of 20th-century science."

Chemical Heritage

Readership: Biomedical scientists, biochemists, and general readers.

616pp	Mar 2002	
1-86094-280-6	US\$82	£56
1-86094-288-1 (pbk)	US\$38	£26



The interviewees include some of the greatest minds in the biomedical field:

- James D. Watson
- Maclyn McCarty
- Joshua Lederberg
- Arthur Kornberg
- Frederick Sanger
- François Jacob
- Walter Gilbert
- Benno Müller-Hill
- Marshall W. Nirenberg
- Daniel Nathans
- Paul Berg
- Kary B. Mullis
- Gerald M. Edelman
- César Milstein
- Alfred G. Gilman
- Günter Blobel
- George K. Radda
- Max F. Perutz
- Richard Henderson
- Aaron Klug
- John T. Finch
- Sidney Altman
- Edward B. Lewis
- Rita Levi-Montalcini
- Lars Ernster
- Torvard C. Laurent
- George Klein
- D. Carleton Gajdusek
- Charles Weissmann
- Frederick C. Robbins
- Rosalyn Yalow
- James W. Black
- K. Sune D. Bergström
- John R. Vane
- Salvador Moncada
- Robert F. Furchgott

CANDID SCIENCE III

More Conversations
with Famous Chemists

by **István Hargittai** (*Budapest University of
Technology and Economics, Hungary*)

edited by **Magdolna Hargittai**
(*Hungarian Academy of Sciences*)

"This book makes interesting light reading, especially for chemists who have watched the field develop over the past 30 to 60 years ... it makes a worthwhile contribution to the oral history of science, and I recommend it for both libraries and individuals."

Nature

"István Hargittai's interviews with eminent scientists are a lively and important way of entering the minds of prominent chemists ... this makes a wonderful bedside book that attractively opens up a gallery of people, and a window onto the development of science."

Chemistry & Industry

"I have come back to these interviews time after time after my first read through. It's always inspiring to read about people who are good at what they do. To paraphrase Jack Dunitz, if you want value for your money in a predictable way, I think Hargittai's book is a good value. I strongly recommend it."

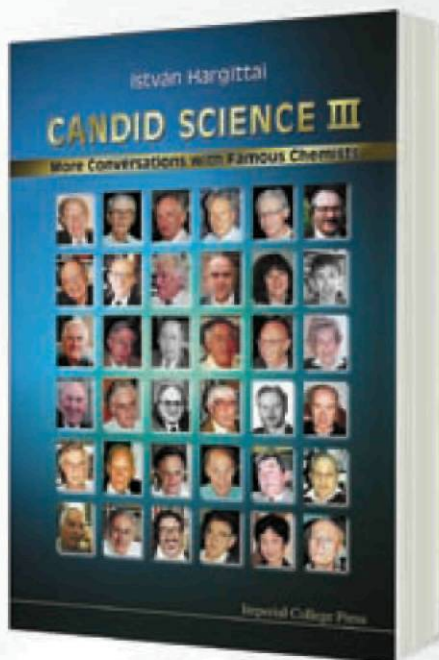
Southwest Retort

"Hargittai has done a superb job in selecting both chemical topics and appropriate interview subjects who know the topics first-hand ... Candid Science III is an interesting source of information on both current and recent chemistry and its practitioners, from a first-hand perspective of those practitioners. It also promises to be a valuable sourcebook for historians of the chemistry of this time."

The Alchemist, The ChemWeb Magazine

Readership: Chemists and other scientists.

520pp	Mar 2003	
1-86094-336-5	US\$78	£48
1-86094-337-3(pbk)	US\$34	£21



The interviewees include some of the greatest chemists in the world:

- Glenn T. Seaborg
- William N. Lipscomb
- Neil Bartlett
- Ronald J. Gillespie
- Lawrence S. Bartell
- Paul von Ragué Schleyer
- Albert Eschenmoser
- Gilbert Stork
- Endre A. Balazs
- Alfred Bader
- Jacquelin K. Barton
- Ad Bax
- Donald J. Cram
- Jean-Marie Lehn
- Bruce Merrifield
- Árpád Furka
- Guy Ourisson
- Mildred Cohn
- Paul D. Boyer
- John E. Walker
- Herbert A. Hauptman
- Jack D. Dunitz
- Hartmut Michel
- Johann Deisenhofer
- Robert Huber
- Manfred Eigen
- John C. Polanyi
- Dudley R. Herschbach
- Henry Taube
- Rudolph A. Marcus
- Ilya Prigogine
- Anatol M. Zhabotinsky
- Richard N. Zare
- Paul J. Crutzen
- Reiko Kuroda
- Stephen Mason

CANDID SCIENCE IV

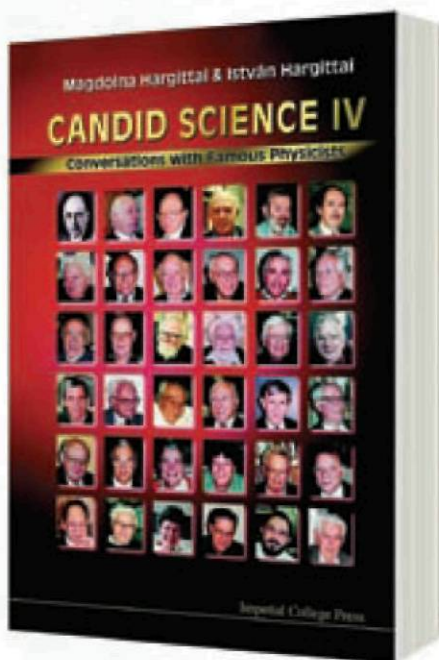
Conversations with Famous Physicists
by **Magdolna Hargittai** (*Hungarian Academy of Sciences*) & **István Hargittai** (*Budapest University of Technology and Economics, Hungary*)

"I recommend this handy volume, admirably suited for complete reading or browsing, not only to historians of physics and of science but also to practicing scientists, especially beginning ones, as well as to students, who will surely benefit from these inspiring stories by some of physics' leading luminaries."

The Chemical Educator

Readership: General readers and physicists.

728pp	Apr 2004	
1-86094-414-0	US\$118	£87
1-86094-416-7(pbk)	US\$58	£43



The interviewees include famous personalities of our time:

- Eugene P. Wigner
- Steven Weinberg
- Yuval Ne'eman
- Jerome I. Friedman
- Martinus Veltman
- Gerard 't Hooft
- Leon M. Lederman
- Valentine L. Telegdi
- Val L. Fitch
- Maurice Goldhaber
- John N. Bahcall
- Rudolf Mößbauer
- Arno A. Penzias
- Robert Wilson
- Owen Chamberlain
- Marcus L. E. Oliphant
- Norman F. Ramsey
- David E. Pritchard
- Wolfgang Ketterle
- Laszlo Tisza
- Edward Teller
- John A. Wheeler
- Freeman J. Dyson
- John C. Polkinghorne
- Benoit B. Mandelbrot
- Kenneth G. Wilson
- Mildred S. Dresselhaus
- Catherine Bréchnignac
- Philip Anderson
- Zhores I. Alferov
- Daniel Tsui
- Antony Hewish
- Jocelyn Bell Burnell
- Joseph H. Taylor
- Russell A. Hulse
- David Shoenberg

ABOUT THE AUTHORS

István Hargittai is Professor of Chemistry at the Budapest University of Technology and Economics and Research Professor at Eötvös University. He is a member of the Hungarian and Norwegian Academies of Sciences and the Academia Europaea. He holds a Ph.D. degree from Eötvös University, D.Sc. degree from the Hungarian Academy of Sciences, and is Dr. h.c. of Moscow University, D.Sc. h.c. of the University of North Carolina, and Dr. h.c. of the Russian Academy of Sciences.

Magdolna Hargittai is Research Professor of Structural Chemistry of the Hungarian Academy of Sciences at Eötvös University in Budapest. She is a member of the Hungarian Academy of Sciences and the Academia Europaea. She holds a Ph.D. degree from Eötvös University, a D.Sc. degree from the Hungarian Academy of Sciences, and a D.Sc. h.c. of the University of North Carolina.

Balazs Hargittai is Associate Professor of Chemistry at Saint Francis University in Loretto, Pennsylvania. He has a M.Sc. degree from Northwestern University and a Ph.D. degree from the University of Minnesota. His research focuses on studying the folding properties of small compact peptides and on the synthesis of novel crown ethers. He is married to Michele, a Ph.D. Research Associate in biochemistry at Pennsylvania State University; they have one son, Matthew Aaron, and one daughter, Stephanie Denise.

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CANDID SCIENCE V

Conversations with Famous Scientists
by **Balazs Hargittai** (*Saint Francis University, Loretto, Pennsylvania*) & **István Hargittai** (*Budapest University of Technology and Economics, Hungary*)

From the Forewords to the Candid Science Volumes

"... the Hargittais are to be congratulated on yet another masterful Candid Science volume."

Candid Science V, Arvid Carlsson
Nobel Laureate

"... share ... common hopes for a fruitful future for science and humanity ..."

Candid Science IV, Arno Penzias
Nobel Laureate

"... it will stimulate the reader to think in new directions."

Candid Science III, Herbert A. Hauptman
Nobel Laureate

"... these volumes are exceedingly worthwhile and can be enjoyed by all, young and old."

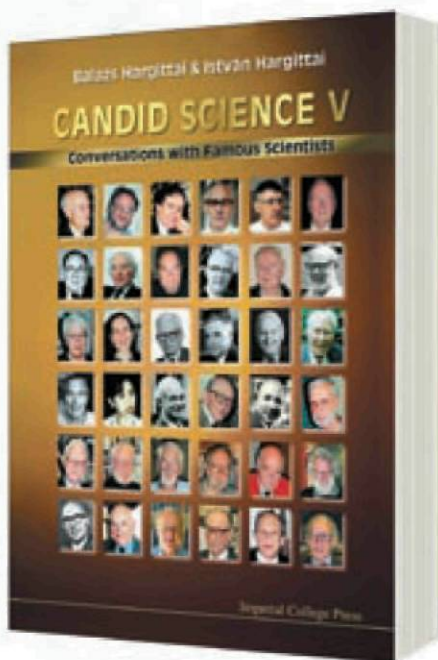
Candid Science II, Arthur Kornberg
Nobel Laureate

"... one is sharing in a conversation ..."

Candid Science, Lord Porter
Nobel Laureate

Readership: General readers and scientists.

712pp	Apr 2005	
1-86094-505-8	US\$98	£60
1-86094-506-6(pbk)	US\$56	£34



The interviewees include famous personalities of our time:

- Donald Coxeter
- John Conway
- Roger Penrose
- Alan Mackay
- Dan Shechtman
- Charles Townes
- Arthur Schawlow
- Leon Cooper
- Alexei Abrikosov
- Luis Alvarez
- William Pickering
- William Fowler
- Vera Rubin
- Neta Bahcall
- Rudolf Peierls
- Emilio Segrè
- Harold Agnew
- Clarence Larson
- Nelson Leonard
- Princess Chulabhorn
- Linus Pauling
- Miklós Bodánszky
- Melvin Calvin
- Donald Huffman
- Alan MacDiarmid
- Alan Heeger
- Jens Christian Skou
- Paul Lauterbur
- Gunther Stent
- John Sulston
- Renato Dulbecco
- Baruch Blumberg
- Arvid Carlsson
- Oleh Hornykiewicz
- Paul Greengard
- Eric Kandel

CANDID SCIENCE VI

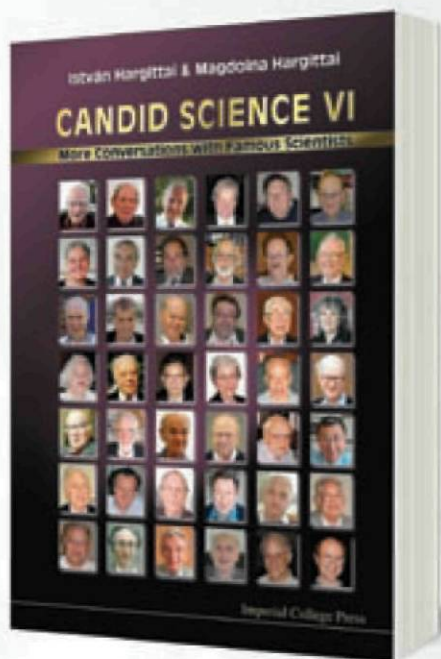
More Conversations
with Famous Scientists

by **István Hargittai** (*Budapest University of Technology and Economics, Hungary*) & **Magdolna Hargittai** (*Hungarian Academy of Sciences*)

Candid Science VI concludes the series by narrating the conversations with famous scientists from the biomedical sciences, chemistry, and physics. There are 31 Nobel laureates and 11 other luminaries among them.

Readership: General readers and scientists.

820pp (approx.)	Winter 2006	
1-86094-693-3	US\$132	£76
1-86094-694-1 (pbk)	US\$62	£36



The interviewees include some of the outstanding scientists in the world:

- Francis Crick
- Sydney Brenner
- Matthew Meselson
- Paul M. Nurse
- R. Timothy (Tim) Hunt
- Seymour Benzer
- Christiane Nüsslein-Volhard
- Werner Arber
- David Baltimore
- J. Michael Bishop
- Harold E. Varmus
- Peter Mansfield
- Avram Hershko
- Aaron Ciechanover
- Irwin Rose
- Alexander Varshavsky
- Osamu Hayaishi
- Ada Yonath
- Isabella Karle
- Jerome Karle
- Yuan Tseh Lee
- Darleane Hoffman
- Richard L. Garwin
- Donald A. Glaser
- Nicholas Kurti
- Herbert Kroemer
- James Cronin
- Wolfgang Panofsky
- Burton Richter
- Samuel Chao Chung Ting
- Martin L. Perl
- Carlo Rubbia
- Simon van der Meer
- Douglas D. Osheroff
- Jack Steinberger
- Masatoshi Koshiha
- Riccardo Giacconi
- Brian D. Josephson
- Ivar Giaever
- Vitaly L. Ginzburg
- David Gross
- Frank Wilczek