1993

Full Page Ads

Editor
How to take the anxiety out of finding back volume journals.

Our vast warehouse and comprehensive inventory continually contain the subject disciplines you require. We stock complete sets and individual volumes, in-print or out-of-print. We also buy your duplicate journals and provide appraisals.

For over thirty years we've taken the anxiety out of finding back volume journals, and built our reputation on kept promises. So write, call, FAX or access us through the FAXON-LINX network at the mailbox "Jaeger" for further information.

ALFRED JAEGGER INC.
66 Austin Boulevard, Commack, NY 11725
New WATS: 1-800-969-JAGR
Phone 516-543-1500 • TELEX 968-189
FAX 516-543-1537

ALFRED JAEGGER INC. Dept. AG, 66 Austin Blvd., Commack, NY 11725

Gentlemen: Please send your latest catalog and brochure.

Name ________________________________

Company/Facility ________________________________

Address ________________________________

City ________________________________ State __________ Zip __________

Phone ________________________________
Connect with superior service.

Make the connection to YBP with FOLIO

FOLIO, YBP's on-line information service, is an extension of our commitment to superior service through quality book fulfillment, technology, and personal attention. Now, you can access YBP files via the Internet as well as connect with your customer service representative and bibliographer via E-mail.

Internet Access

Approval plan customers: you have been connected via direct dial access since March 1992. Now, you can connect with YBP through the Internet or via direct dial access, whichever is more convenient for your library. FOLIO currently provides access to the YBP approval plan database with acquisitions and bibliographic information for all types of approval material, including: titles on order with publishers, titles currently in-process, and titles that have been shipped on approval over the past twelve months. View complete bibliographic data and book/slip selections. Enter orders and transmit via the Internet.

Connect to YBP with Electronic Mail

E-mail enthusiasts: now you can "talk" with your YBP customer service representative, bibliographer, sales representative, and technical support staff with E-mail via the Internet. E-mail your correspondence, orders, claims, or requests for information. We will respond with the same personal attention you have come to expect from YBP.

YBP
999 Maple Street
Contoocook, NH 03229 U.S.A.
(603) 746-3102 Fax (603) 746-5628
U.S. and Canada
(800) 258-3774
Corporate E-mail: ybp@office.ybp.com
Technical Support: tecsrv@office.ybp.com

April 1993 / Against the Grain 5
THE ENCYCLOPEDIA OF HIGHER EDUCATION

"This work is a monumental achievement...this new effort is one of the most important reference tools in higher education...An impressive work, organized to render it invaluable to scholars in many disciplines." –Choice

Editors-In-Chief:
Burton R. Clark, Allan M Cartter Professor of Higher Education and Sociology and Chairman of the Comparative Higher Education Research Group, University of California, Los Angeles, USA; Vice-President of the National Academy of Education
Guy Neave, Director of Research, International Association of Universities, Paris, France; Editor, Journal of Higher Education

Not since 1978 has there been such an in-depth look at the higher education systems around the world as will be brought to you in the ENCYCLOPEDIA OF HIGHER EDUCATION. This is the only up-to-date and comprehensive review of higher education worldwide, with references through 1991.

- A four volume major reference work with over 300 articles totalling more than two million words
- Descriptions and analyses of 135 national higher education systems
- A completely new, comprehensive review of the state of higher education from an international perspective
- Over 165 theoretical and analytical articles written by internationally recognized experts
- Essential for university teachers, students of education, and education researchers as well as government officials, administrators, and anyone concerned with higher education

F R E E  P R O S P E C T U S  A V A I L A B L E

A fully descriptive prospectus is available. It contains:

✓ sample pages
✓ a complete listing of articles and authors

Or you can request one by writing to:
Rebecca Seger, Sales Manager, Pergamon Press Inc.,
660 White Plains Road, Tarrytown, NY 10591-5153

The first comprehensive reference work in higher education to be published in a decade!

0-08-0372511 2600 pp Hardcover Four Volumes $1350.00

Pergamon Press
Pergamon Press Inc., 660 White Plains Road, Tarrytown, NY 10591-5153 USA
Pergamon Press Ltd., Headington Hill Hall, Oxford OX3 0BW, England
A member of the Elsevier Science Publishing Group

6 Against the Grain / April 1993
TECHNOLOGY FOR THE 90’s AND FOR THE LIBRARIES OF TOMORROW

BLACKWELL’S PROUDLY INTRODUCES...

FOR COLLECTION DEVELOPMENT

BLACKWELL'S
TOC ONLINE

Blackwell’s New Titles Online database now includes Tables of Contents and Descriptive Summaries for new and forth-coming scholarly monographs.
- Browse the contents pages before placing the order
- View the publisher’s title description
- Order the title electronically
- Insure a title is included on approval
- Access through the INTERNET

FOR PUBLIC ACCESS CATALOGS

BLACKWELL'S
TOC 505

Blackwell’s MARC With Books® service now offers LC-MARC records enriched with Tables of Contents.
- Enhance subject access
- Improved chapter-level author access
- View contents & summaries in your PAC before searching the shelves
- Increase interlibrary loan efficiency

FIND OUT HOW EASY AND COST EFFECTIVE IT CAN BE TO GET CONTENTS INFORMATION TO BOTH YOUR STAFF AND PATRONS TODAY!

BLACKWELL
NORTH AMERICA, INC.
TECHNICAL SERVICES DIVISION

6024 SW Jean Road, Building G, Lake Oswego, Oregon 97035. Telephone: 503-684-1140 Fax: 503-639-2481
Why wait?

You don't have to. Baker & Taylor supplies more than twice the first fill of other vendors. In fact, many of your orders will be in stock and ready for immediate delivery, so you won't have to wait months for books your students and faculty need right now.

When it comes to your academic book ordering needs, why wait? Call Baker & Taylor. We deliver.

For more information call 1 (800) 775-1800.

© 1993 Baker & Taylor
Receive first class treatment at Ballen...

no matter what your size.

Whether your order is for a thousand books or just one, whether you are a prestigious university, medical school, or a little-known junior college, every Ballen customer receives our legendary one-to-one customized service. That means you'll have a personal Ballen customer service representative to answer questions, report status and solve problems. You'll have a specific location in our staging area for maximum quality control. You'll have instant access to important information through BallenNet™, our interactive on-line service for order entry data and current order status. Even direct telephone access to a Ballen corporate officer, if necessary.

And despite our elephantine inventory of over 100,000 titles, with thousands of books shipped every week, our return rate squeaks in at less than 1% — the industry's lowest.

Find out how you can reap the big benefits of Ballen's personal service. Call Toll-Free (800) 645-5237 or Fax (516) 864-5850.

BALLEN
BOOKSELLERS INTERNATIONAL, INC.
125 Ricefield Lane, Hauppauge, New York 11788
The needs of the end-user to keep abreast of the latest research has prompted widespread development and expansion of current awareness products. These rapidly-produced information access tools have the sole goal of facilitating awareness of newly published research in important core journals such as Journal of Chromatography, Nuclear Physics and Journal of Econometrics. In this segment of Information on Information, we describe the various formats developed by Elsevier Science Publishers to serve this specific need of our end-user community.

Elsevier Science Publishers takes seriously its responsibilities as a publisher to offer researchers access to printed scientific information as rapidly as possible. One response to this obligation is the creation of a number of current awareness products tied either to a specific journal or a cluster of journals, alerting the scientist to top-quality article publication data before or simultaneously with publication of the print copy. This information may be transmitted without charge to the scientist either in print or in electronic form, thereby facilitating his or her ability to identify articles for particular research needs.

Elsevier's current awareness products come in a variety of formats — printed booklets of collected tables of contents or listings of accepted manuscripts, newspaper formats offering both full text of selected articles and abstracts of all forthcoming papers in a specific journal, and finally, electronic databases of accepted and published papers accessible through network services.
listing of key metallic elements referenced in the articles accepted. Additionally there is an index indicating volume number and page numbers for locating any particular paper.

- **INJEC**—This printed booklet draws attention to forthcoming articles in the *Journal of Electroanalytic Chemistry*, covering electrode kinetics, interfacial structure, properties of electrolyte colloids and biological electrochemistry. Papers accepted for this journal are listed by manuscript number but can be located through an author index and an index to scheduled publication.

- **Current Titles in the Journal of Alloys and Compounds** is similar to INJEC above but covers materials science. The publication offers information regarding accepted manuscripts.

- In the field of engineering and technology, we offer the publication **Spotlights On Sensors and Actuators A and B**, as an awareness service for the sensor community. **Spotlights** offers abstracts of papers published in Sensors and Actuators A: Physical and Sensor and Actuators B: Chemical. Actual tables of contents for specific volumes are given along with abstracts of each article listed.

- In the disciplines of mathematics and computer science, **Access to Numerical Computing** lists papers accepted by eight mathematics-related titles, including Mathematics and Computers in Simulation and *Journal of Computational and Applied Mathematics*. The booklet also provides indices to authors and scheduled publication data. More closely related to computer science is the **Artificial Intelligence Pipeline**. Similar in arrangement to Access to Numerical Computing, **AI Pipeline** covers the papers accepted by such journals as *Artificial Intelligence*, *Neurocomputing* and *Pattern Recognition Letters* with indices to authors and scheduled publication data.

- Most recently **Colloids and Surfaces Preview** has been launched for the journals, *Advances in Colloid and Interface Science* and *Colloids and Surfaces* from our Chemistry and Chemical Engineering program. Distributed free of charge to readers of the journals and other interested scientists, the newsletter contains lists of papers accepted for publication, with both an author and keyword index.

**ELECTRONIC ALERTING SERVICES**

Finally the immediacy of electronic services is available in specific areas. The advantages of this format include longer lead time (information reaches the end user before or upon actual publication), an overview of accepted articles in production, the capacity to create one's own database of articles and authors and electronic delivery at your own terminal.

Delivered every two weeks through electronic mail, **Contents Alert: Surfaces, Interfaces and Thin Films** carries the tables of contents of *Surface Science, Thin Solid Films* and *Nuclear Instruments and Methods in Physics Research* (section B: Beam Interactions with Materials and Atoms), as well as several other titles from our prominent materials science and engineering program.

Equally effective is **Contents Alert: Mathematical & Theoretical Methods in Physics**. One core title from our physics program which appears in this service is *Nuclear Physics B*, as well as some sections of *Physica A*, *Physica D*, and *Physics Reports*. An additional benefit to both of these **Contents Alert** services is that free subscriptions to the services may be entered through electronic mail.

Forthcoming in 1993 is the exciting **Nuclear Physics Electronics** service, which will be an online current awareness and access tool to the contents of *Nuclear Physics A* and *Nuclear Physics B*.

**CONCLUSION**

Clearly Elsevier's commitment to this effort is broad-based throughout a multitude of disciplines and covers many important journals. In every instance, these services to the individual researcher are intended to ease the burden of "keeping abreast in one's field" in as flexible a fashion as possible while enhancing the value of the journal to the scientific community at large.
Get the articles you need quickly and easily.

Introducing Faxon Finder table of contents and Faxon Xpress document delivery services.

As easily as you could pull a journal from your shelf, you can order an article for delivery with Faxon Xpress™. Start by choosing from among our 9,000 journal titles and 2.5 million articles available in the Faxon Finder™ database. Then simply press the order key from the menu. It’s that easy to get speedy delivery of your articles.

Specially developed software and scanning workstations are used to send documents, ensuring the highest resolution and legibility possible. And your scanned articles can be delivered to any common fax machine. Best of all, Faxon Xpress pays a fee to the publisher for each copy of a copyrighted article.

Call us today at 1-800-766-0039, ext. 753 to learn more about how these new electronic information services can benefit you.

Faxon
The Faxon Company
15 Southwest Park
Westwood, MA 02090
1-800-766-0039, ext. 753

Faxon Finder and Faxon Xpress are trademarks of Faxon Research Services, Inc.
The world's leading investigators contribute their expertise in this new volume which presents the most current and comprehensive research on spheroidal carbon clusters (fullerenes). Few areas of chemical research have attracted the attention of the scientific community as have the fullerenes. The interest has crossed the disciplines of physics, chemistry, and materials science. Buckminsterfullerene itself has been named the Molecule of the Year in the December 20, 1991 issue of Science.

Organized into four sections: The Main Events Leading to the Discovery and Preliminary Studies of the Fullerenes; Theoretical Studies of Fulleroid Cages; Superconductivity Properties; and Exo- and Endohedral Complexes and Some Chemical Properties of These New Materials, Buckminsterfullerenes discusses new insights and possible directions for future research.

Unraveling DNA provides both laymen and scientist readers with a concise highly readable understanding of the structure, properties, and functions of the DNA molecule. The reader will find answers, to all major questions about the biological, biotechnological, medical, physical, chemical, and mathematical aspects of DNA. In addition, the book includes an historical retrospective of past DNA research and forecasts future trends in the field.

Written by an internationally acclaimed professor of biophysics as well as one of the world's leading authorities in the field of DNA research, Unraveling DNA is designed to help professionals not specializing in molecular biology to understand the recent advances in this rapidly expanding field. The book is also especially useful to advanced high school students, junior college students, and university students interested in modern biology, medicine, physics, chemistry, and mathematics.

TO ORDER, CONTACT:
VCH Publishers, Inc., Customer Service Department, 303 Northwest 12th Avenue, Deerfield Beach, FL 33442-1788

FOR FASTER SERVICE IN THE U.S., AND CANADA:
CALL TOLL-FREE 1-800-367-8249. FAX: 1-800-367-8247.
OUTSIDE THE U.S., AND CANADA:
CALL 1-305-428-5566. FAX 1-305-428-8201.
Introducing... ANNUAL REVIEWS INDEX on Diskette The ideal enhancement for any collection of Annual Review publications.

Now Available • Updated January, April, July, October
• Search by title words, key words, authors, volumes, and more
• Comprehensive index to 4300 Annual Reviews articles published since 1986

This comprehensive electronic index provides a fast and easy way to systematically search the table of contents of every Annual Review we have published since 1986. Users can browse the database or search for references to particular authors or key words. By joining sets of search criteria, users can quickly focus on specific chapters or track down particular topics across our whole spectrum of publications. Periodic updates and additions will continue to make the Index an even more useful and comprehensive tool for Annual Reviews readers. Individuals, as well as libraries, will find the Annual Reviews Index invaluable.

$45.00 single copy; $120.00 one year subscription (updated quarterly). DOS format only for now. For more information about the Index and all new 1993 Annual Reviews, request a copy of our free catalog.

1993 PUBLICATIONS

New volumes from Annual Reviews. Prices listed are postpaid USA/other countries (Month of publication in parentheses) ISBN Prefix 0-8243-

+ PHYSICAL SCIENCES

ANNUAL REVIEWS OF:
- ASTRONOMY & ASTROPHYSICS, Volume 31 (September) $57 / $62 0931-6
- BIOPHYSICS & BIOMOLECULAR STRUCTURE, Volume 22 (June) $59 / $64 1822-6
- EARTH & PLANETARY SCIENCES, Volume 21 (May) $59 / $64 2021-2
- ENERGY & THE ENVIRONMENT, Volume 18 (October) $60 / $73 2318-1
- FLUID MECHANICS, Volume 25 (January) $44 / $49 0725-9
- MATERIALS SCIENCE, Volume 23 (August) $72 / $77 1723-8
- NUCLEAR & PARTICLE SCIENCE, Volume 43 (December) $59 / $64 1543-X
- PHYSICAL CHEMISTRY, Volume 44 (November) $48 / $53 1044-6

+ BASIC BIOLOGICAL SCIENCES

ANNUAL REVIEWS OF:
- CELL BIOLOGY, Volume 9 (November) $46 / $51 3109-5
- ECOLOGY & SYSTEMATICS, Volume 24 (November) $44 / $49 1424-7
- ENTOMOLOGY, Volume 38 (January) $44 / $49 0136-2
- GENETICS, Volume 27 (December) $44 / $49 1227-9
- MICROBIOLOGY, Volume 47 (October) $45 / $50 1147-7
- PHYTOPATHOLOGY, Volume 31 (September) $46 / $51 1331-3
- PLANT PHYSIOLOGY & PLANT MOLECULAR BIOLOGY, Volume 44 (June) $44 / $49 0644-9

+ BIOMEDICAL SCIENCES

ANNUAL REVIEWS OF:
- BIOCHEMISTRY, Volume 62 (July) $46 / $52 0862-X

+ SOCIAL AND BEHAVIORAL SCIENCES

ANNUAL REVIEWS OF:
- ANTHROPOLOGY, Volume 22 (October) $44 / $49 1922-2
- PSYCHOLOGY, Volume 44 (February) $43 / $48 0244-3
- SOCIOLOGY, Volume 19 (August) $49 / $54 2219-3

Also Available

THE EXCITEMENT AND FASCINATION OF SCIENCE: Reflections by Eminent Scientists, Volume 3, Parts 1 & 2 Compiled by Joshua Lederberg (1990) sold as two part set only $90 / $95 2603-2

Available through bookstores or subscription agents, or direct from...

ANNUAL REVIEWS INC.
a nonprofit scientific publisher since 1932
4139 El Camino Way • P. O. Box 10139
Palo Alto, CA 94303-0897

CALL TOLL FREE
1-800-523-8635
from anywhere in the USA or Canada
Monday - Friday, 8am - 4pm, Pacific Time,
or fax us 1-415-855-9815 24 hours a day

April 1993 / Against the Grain 43
Academic Press Dictionary of Science and Technology

"The Academic Press Dictionary of Science and Technology captures the terminology of today and gives modern definitions. This dictionary is highly recommended for public, academic, and high school libraries."

—BOOKLIST/REFERENCE BOOKS BULLETIN

One Volume
1992, 2432 pp., $115.00/ISBN: 0-12-200400-9

Encyclopedia of Immunology
Edited by Ivan M. Roitt and Peter J. Delves

"A most impressive accomplishment. Its organization is extremely user-friendly, with a complete list of entries at the beginning of each volume. This is a good buy. Its value will be evident for years."

—Kent T. Haygloss
UNIVERSITY OF MANITOBA

Three-Volume Set
1992, 2032 pp., $450.00/ISBN: 0-12-226760-5

Encyclopedia of Human Biology
Edited by Renato Dulbecco

"The format and illustrations are excellent and encourage browsing; and the whole series has clearly been assembled with great labour and dedication. Articles are longer than those in most encyclopaedias."

—NATURE

Eight-Volume Set
1991, 6722 pp., $1995.00/ISBN: 0-12-226747-8

Encyclopedia of Physical Science and Technology

SECOND EDITION
Edited by Robert A. Meyers

"Five years ago, The Chicago Tribune called the First Edition of this set 'awesome.' The Second Edition is even better... While there will always be a lag between the discoveries of scientists and researchers in the physical sciences and the dissemination of information on them, you can depend on seeing the first complete presentation in the Encyclopedia of Physical Science and Technology."

—INTERNET WORLDWIDE

Eighteen-Volume Set
1992, 14,080 pp., $2550.00/ISBN: 0-12-226930-6

Encyclopedia of Earth System Science
Edited by William A. Nierenberg
Foreword by Robert M. White

“This excellent encyclopedia of the earth sciences stresses human interaction with all environments on and surrounding the earth... The articles are extremely well-written so that in most cases the educated layperson as well as the researcher are accommodated."

—BOOKLIST/REFERENCE BOOKS BULLETIN

Four-Volume Set
1991, 2629 pp., $950.00/ISBN: 0-12-226719-2

Encyclopaedia of Food Science, Food Technology and Nutrition
Edited by Robert Macrca, Richard Robinson, and Michèle Sadler

Key Features
- An eight-volume set including a complete subject index with more than 50,000 entries
- More than 1000 contributors from 50 different countries
- 500 subject entries covering all aspects of food science, food technology, and nutrition
- 1000 articles written by the world's leading scientists and approved by an independent review procedure

Eight-Volume Set
June 1993, c. 5500 pp., $2100.00 (tentative)
ISBN: 0-12-226850-4
Prepublication Price: $1795.00*
Expires on final day of month of publication.

Encyclopedia of Microbiology
Edited by Joshua Lederberg

Hailed by leading scientists and researchers around the world as "excellent," "outstanding," and "impressive," the Encyclopedia of Microbiology will be a standard text for liner academic, industrial, and personal libraries for years to come.

Four-Volume Set
1992, 2518 pp., $695.00/ISBN: 0-12-226890-3
MIDWEST LIBRARY SERVICE

from Gutenberg to McLuhan,
Galileo to galaxies—
We cover a universe of books.

PROMPTLY
From major new titles to the obscure "black hole,"
we waste no time.

ACCURATELY
From invoices to status reports, we get it right.

COMPLETELY
From first shipment to completion,
we offer maximum fulfillment.

COMPETITIVELY
From trade discounts to short, we give you your money's worth.

These four pillars form the foundation of Midwest's many years of service to libraries. Depend on us as your source for U.S. and Canadian books. Save valuable time, effort, and expense by relying on our:

- Expertise in automation services
- Exacting customer service
- Commitment to excellence
- Goal of maximum fulfillment

Call on us for
- Firm Orders
- Standing Orders
- Approval Programs
- Technical Support Services

Midwest Library Service

11443 St. Charles Rock Road
Bridgeton, Missouri 63044-2789 • USA
800-325-8833 • 314-739-3100
FAX 800-962-1009