

Downing Street for two years.

Despite fears of scientists that he will concentrate on technology while ignoring basic research, Fairclough argues that academic science is rapidly becoming over-diluted with development work supported by military and commercial interests, at the expense of new theories and more knowledge to improve the future base of science and technology.

Using IBM as his model, he wants to separate fundamental research at universities and government laboratories from development and production. Fairclough says research should be the responsibility of scientists, who work best in small groups, while development usually requires large groups accountable to project managers all the way to the marketplace.

—IRWIN GOODWIN

Weymann is new director of Mount Wilson—Las Campanas

Ray J. Weymann became director of the Carnegie Institution's Mount Wilson and Las Campanas Observatories on 1 July. He replaced George Preston, who had served as director since 1980.

As director of the Mount Wilson and Las Campanas Observatories, Weymann will supervise planning for the construction of a proposed 8-meter telescope to be built at the Las Campanas installation in Chile.

Weymann received a BS from Caltech in 1956 and a PhD in astronomy from Princeton in 1959. He was a research fellow at Caltech from 1959 to 1961, when he moved to the University of Arizona. He has been a full professor at Arizona since 1967, and from 1970 to 1975 he was director of the university's Steward Observatory. He played a key role in the construction of the Arizona-Smithsonian multiple-mirror telescope on Mount Hopkins.

Advance abstracts available to Third World physicists

In an effort to make physics publications more widely available in the Third World, the AIP executive committee has voted to make *General Physics Advance Abstracts* available free of charge to physicists in developing countries. The APS executive committee has decided to make *Physical Review Abstracts* available as well. *General Physics Advance Abstracts* provides prepublication abstracts of articles that appear in some 40 AIP and member-society journals. *Physical Review Abstracts* contains advance abstracts of material that is to appear in *Physical Review*, *Physical Review Letters* and *Reviews of Modern Physics*.



A workman at Lancaster Press in Lancaster, Pennsylvania, helps fill orders for back issues of AIP, APS and other member-society journals that were made available to physicists for the cost of packing and shipping. Between November 1984, when a notice about the offer of free journals appeared in *PHYSICS TODAY*, and spring of this year, AIP received 170 orders for more than 150 000 journal issues. In addition, almost 40 000 journals were sent to the Chinese Ministry of Education and the Chinese Academy of Sciences.

Physicists from developing countries who are members of AIP member societies are eligible for the free subscriptions; unaffiliated Third World physicists can obtain gratis subscriptions with the endorsement of a member-society member.

Applications for free subscriptions should be addressed to John DiCaro, Subscription Fulfillment Division, AIP, 335 East 45th Street, New York NY 10017.

in brief

IBM has announced the names of 12 universities that will receive \$24 million in cash and equipment from IBM for research and teaching in the materials and processing sciences (*PHYSICS TODAY*, March 1985, page 114). The institutions are Brown, Carnegie-Mellon, Columbia, Cornell, MIT, Pennsylvania State University, University of Chicago, University of Illinois (Urbana-Champaign), University of Massachusetts (Amherst), University of Minnesota (Minneapolis), University of Pennsylvania and University of Washington.

The Israeli government has concluded an agreement with the US government permitting Israeli scientists

and research organizations to do contractual work for the Strategic Defense Initiative Organization. Israel is the third country, after the UK and West Germany, to conclude such an agreement. The Israelis are reported to be especially interested in work on defenses against short-range missiles.

The new Center for Earth Observation and Remote Sensing at the University of Colorado, Boulder, has received a grant of \$650 000 from the W. M. Keck Foundation for equipment and staff. The director of the new center is Alexander Goetz, who previously was with the Jet Propulsion Laboratory. The Keck Foundation, based in California, is one of the nation's biggest and most important donors to science, engineering and medicine. *Annales Geophysicae*, the official publication of the European Geophysical Society, has been split into two series: *Series A—Upper Atmosphere and Space Sciences*, and *Series B—Terrestrial and Planetary Physics*. *Annales Geophysicae* was founded in 1983.

Springer-Verlag has divided *Zeitschrift für Physik A* into two parts: *Zeitschrift für Physik A*, with the subtitle "Atomic nuclei," and *Zeitschrift für Physik D*, with the subtitle "Atoms, molecules and clusters." □