

The White House has announced the appointment of five new members to the President's Scientific Advisory Committee. Among the five members whose terms have expired are three



BUCHSBAUM

physicists: **Sidney D. Drell**, deputy director of the Stanford Linear Accelerator Center, **Charles P. Slichter**, professor of physics at the University of Illinois and **Charles H. Townes**, professor of physics at the University of



FITCH

California, Berkeley. The five new members include two physicists, **Solomon J. Buchsbaum**, vice president for research at Sandia Corp and **Val L. Fitch**, professor of physics at Princeton University, as well as **Theodore L. Cairns**, assistant director of the central research department at E. I. duPont de Nemours & Co, **James S. Coleman**, professor in the department of social relations at Johns Hopkins University and **Lloyd H. Smith Jr.**, chairman of the department of medicine at the University of California's San Francisco Medical Center.

Robert W. Cunningham, who completed his PhD at Washington State University in August, has joined the research-division staff at the Goodyear Tire and Rubber Co in Akron.

Ernest T. S. Walton, Nobel-prize winning professor of physics at the University of Dublin, is spending this semester as a visiting professor at Albion College in Michigan.

At the University of Arizona, **Albert B. Weaver**, head of the physics department, has assumed new duties as the University's Provost for Academic Affairs. Succeeding him as department head is **Carl T. Tomizuka**, a solid-state physicist. In addition, **Marlan O. Scully** from the Massachusetts Institute of Technology has joined the department as professor and

Ulrich H. Bents has left to become chairman of the physics and earth sciences department at California State Polytechnic College in Pomona.

Former director of components and devices at Philips Laboratories in New Jersey, **N. J. Harrick** has formed an instrumentation and consulting firm, Harrick Scientific Corp in New York.

Peter K. Cheo has become manager of laser-applications research at Aerojet-General Corp in Azusa, Calif. He worked previously for Bell Telephone Laboratories in Whippany, N.J.

In Malaya, **Chatar Singh** has been appointed to the Foundation Chair in the school of physics and mathematics of the University of Penang, Glugor.

The physics department of Queens College of the City University of New York has made the following appointments to the recently established Center for Low Temperature Physics: **Arthur Paskin**, director; **Erna M. J. Herrey**, senior physicist; **Myron Strongin** of Brookhaven National Laboratory, adjunct professor; **M. Anthony Jensen** of the University of Pennsylvania, visiting physicist; **Edwin Marston** and **Narciso Garcia**, assistant physicists. The Center plans to move into its new building in the fall of 1970.

The new administrative director and chief physicist of The Emergency Care Research Institute is **Eugene L. Leboy**. Leboy was formerly a research specialist in the physics department of the University of Pennsylvania.

Robert E. Green Jr has been promoted to the rank of professor and appointed chairman of the mechanics department at Johns Hopkins University.

Bruce L. Elle and **Vernon H. Jungjohann** were appointed program managers in the Apparatus Division of Eastman Kodak Co, with responsibilities for motion-picture cameras and still-picture products, respectively. **Daan Zwick** has been named a senior research associate with Kodak.

Warren K. Sinclair, a biophysicist, has been appointed director of the Biological and Medical Research Division at Argonne National Laboratory, succeeding **Max R. Zelle**. The division's research ranges from biological effects of radiation to cancer research.

RCA Laboratories appointed **Edward W. Herold** to a newly created position as director with responsibilities for coordinating engineering activities of the product division with research and planning functions.

Two physicists are spending several months of sabbatical leave at the Center for Theoretical Studies of the University of Miami. They are **Leonard M. Scarfone**, associate professor at the University of Vermont, and **Norman K. Hindley**, research physicist at the Corning Glass Works in New York.

Kasturi L. Chopra will take a leave of absence from Ledgemount Laboratory, Kennecott Copper Corp, to become senior professor of solid-state physics at the Indian Institute of Tech-

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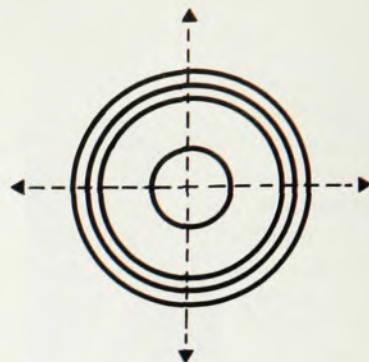
John B. Phelps has joined PHYSICS TODAY as a Washington editor. Phelps, who earned his PhD in biophysics from Yale University in 1959, has considerable experience in Washington affairs, including work in arms control for the Institute for Defense Analyses and in technical and operational matters for the Advanced Research Projects Agency (ARPA). From 1965 to 1968 he was assistant to



PHELPS

the director of ARPA. Because of his interests in the impact of science on national and international affairs, Phelps has been involved in organizations such as the Scientists' Committee on Loyalty and Security and attended four Pugwash Conferences of Scientists on International Affairs.

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nology in New Delhi. This month he will lecture in the Soviet Union as guest of the Academy of Sciences of the USSR.

Oak Ridge Associated Universities has a new president, **H. Willard Davis**, vice president for advanced studies and research at the University of South Carolina. ORAU conducts programs of education, information and research for AEC and other federal agencies.

Geballe, Matthias Receive Buckley Solid-State Prize

The American Physical Society presented the 1970 Oliver E. Buckley Solid State Physics Prize to Theodore H. Geballe and Bernd T. Matthias at the society's March meeting in Dallas. The two were cited for "their joint experimental investigations of superconductivity which challenged theoretical understanding and opened up the technology of high-field superconductors." Working together at Bell Telephone Laboratories, Geballe and Matthias have greatly extended the list of known superconductors. Among the superconductors they have discovered are some that can produce high magnetic fields and others that have surprisingly high transition temperatures. Matthias, professor of physics at the University of California, San Diego, and Geballe, professor of applied physics at Stanford University, are still associated with Bell Labs.

John M. Fowler Recognized For Contributions to Teaching

The Washington Academy of Science selected John M. Fowler to receive its Annual Award for the Teaching of Science because of the national leadership he has provided in programs to improve college teaching. Fowler, visiting professor of physics at the University of Maryland, is the director of the Commission on College Physics.

Highest Award of Meteorological Society Goes to Hsiao-Ian Kuo

Hsiao-Ian Kuo, professor of meteorology in the department of geophysical sciences at the University of Chicago,

Robert E. Marshak, who has been active in university affairs as well as physics at the University of Rochester, was appointed the new president of City College of the City University of New York. He will replace acting president **Joseph J. Cope-land**. Marshak has held the title of distinguished university professor and



MARSHAK

received the Carl-Gustaf Rossby Research Award from the American Meteorological Society. The award was given for Kuo's research on atmospheric dynamics.

Plastics Engineers Honor Arthur V. Tobolsky

At the annual Technical Conference of the Society of Plastics Engineers this month, the society will present Arthur V. Tobolsky with its International Award in Plastics Science and Technology. Tobolsky, professor of chemistry at Princeton University, has made outstanding contributions in many areas of polymer chemistry.

Royal Astronomical Society Honors Babcock, Hayashi

Horace W. Babcock, director of the Mount Wilson and Mount Palomar Observatories, received the Gold Medal of the Royal Astronomical Society for his investigations of magnetic fields in the sun and stars and for his design and development of astronomical instruments. The Society's Eddington Medal was awarded to Chushiro Hayashi, professor of physics at Kyoto University in Japan, for his work in the pre-main sequence contraction of stars and, in particular, for his demonstration of the existence of fully convective stars.

NBS Physicist Deslattes Gets Flemming Award

Richard D. Deslattes Jr, chief of the Atomic Physics Section at the National Bureau of Standards, is one of ten recipients of the 1969 Arthur S. Flemming Award. The awards were instituted by Flemming to honor out-

standing people in government service. Deslattes directed research leading to successful design, construction and development of the first device combining an x-ray and optical spectrometer.

James R. Rochester has been appointed technical director of Xenotech in Van Nuys, Calif. He was previously employed at Giannini Control Corp.

P. Hariharan, director of development and control in the Hindustan Photo Films Mfg Co Ltd, is a visiting professor at the Indian Institute of Science in Bangalore, India this year.

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Logan E. Hargrove Receives Acoustical Society Award

The Biennial Award of the Acoustical Society, given in the spring of even-numbered years, was presented this year to Logan E. Hargrove of Bell Telephone Laboratories. Through the award, the society honors members who have been active in its affairs and who have contributed to the advancement of theoretical or applied acoustics. Hargrove was selected because of his work on the diffraction of light by ultrasonic waves and his demonstration of mode-locking in lasers. This latter work resulted in a dramatic reduction of previously available laser-pulse duration.

Theodore E. Sterne Worked in Astrophysics, Weapons Systems

On 6 February 1970, Theodore E. Sterne, 62, succumbed to a heart attack at his home in Maryland. Sterne had been employed at the Institute for Defense Analyses in Arlington since 1965. His career was divided between the areas of astronomy and weapon-systems evaluation.

Having received his PhD from Cambridge University in 1931, Sterne was first a national research fellow then a member of the staff at Harvard University until 1941. He returned to Harvard as professor of astrophysics