

Stephen P. Maran has moved from Kitt Peak National Observatory to the solar physics branch, Goddard Space Flight Center, Greenbelt, Md.

New dean of Dickinson College is **Gerald S. Hawkins**, effective 1 July. Professor and chairman of astronomy at Boston University, he is also an astronomer of the Smithsonian



HAWKINS

Astrophysical Observatory, research associate at the Harvard College Observatory and director of Boston University Observatory. He is known for his book "Stonehenge Decoded."

At the University of Florida, **Raymond Pepinsky** is visiting research professor of physics, metallurgical and materials engineering and **Allen V. Buskirk** is visiting professor of physics.

Joining the nuclear-chemistry group at the University of Maryland cyclotron as research associate is **Michael M. Minor**.

Edward L. Ginzton, board chairman of Varian Associates, was awarded the medal of honor of the Institute of Electrical and Electronics Engineers. He is cited for his work in high-power klystrons and their application, especially to linear particle accelerators.

From the University of Minnesota, **C. C. Hsiao** is currently visiting at the department of applied mathematics and theoretical physics, University of Cambridge, England.

Rudolf Kingslake, director of optical design and optical engineering at Eastman Kodak, has retired. Appointed supervisor of optical design is **William H. Price**.

S. Mrozowski, professor at the State University of New York, Buffalo, is the recipient of the George Skakel Memorial Award given by the American Carbon Committee.

Idaho State University named **Edwin Fast** and **Thomas Young** affiliate assistant professors. They will spend half of the academic year at the National Reactor Testing Station for the Idaho Nuclear Corp.

Marc H. Richman of Brown University became president of the New England Society of Electron Microscopy.

New additions at Humboldt State College, Arcata, Calif. are **Paul S. Kelly** from Lockheed and **Leung Chinn** and **Richard L. Thompson** from the University of Washington.

William C. Parrish, associate hydraulic engineer and associate professor of civil engineering at Washington State University, was named a diplomate of the American Academy of Environmental Engineers.

Stevens Institute of Technology named **Freeman Dyson**, of the Institute for Advanced Study, Princeton, its distinguished centennial lecturer.

Newly formed Laser Sciences Inc named **William C. Carr** manager of laser development and **Alan M. Nathan** chief scientist. Carr was formerly with Varian Associates and Nathan with New York University.

R. H. Marchessault, professor of polymer and physical chemistry at the State University College of Forestry, Syracuse University, became professor and chairman of the chemistry department at the University of Montreal.

Polykarp Kusch, professor at Columbia University, has become vice-president and dean of faculties. He is responsible for the university's academic program, including staffing and coordination. Kusch, with Willis E. Lamb, was awarded the Nobel Prize in 1955, for "determination of the magnetic moment of the electron."



KUSCH

Lester Ingber is now at the State University of New York, Stony Brook. He was formerly at the University of California, San Diego.

Robert Serber, professor and director of the theoretical-physics group at Columbia University, was named vice-president elect of the American Physical Society.

At the University of Santa Clara former department chairman **John B. Drahmann** has become Dean of the College of Sciences. Succeeding him is **William A. Barker**.



HILLIER

James Hillier was elected executive vice-president, research and engineering, on the RCA corporate staff. A pioneer in electron microscopy, Hillier was vice-president of

RCA Laboratories. Hillier played a major part in developing the first commercial electron microscope.

The scientific instruments department, Ultek Division of Perkin-Elmer, appointed **Donald D. Briglia** director of research and engineering.

Raymond L. Steinberger has retired after 33 years with the federal government. He was head of the physical acoustics branch in the Naval Research Laboratory's Acoustic Division.

Named president-elect of the American Association of Physics Teachers is **Robert N. Little**, professor at the University of Texas in Austin.

James G. Kereiakes, radiology professor at the University of Cincinnati College of Medicine, has become president-elect of the American Association of Physicists in Medicine.

Eugene N. Parker will deliver the 1969 Henry Norris Russell Lecture of the American Astronomical Society. He is with the Laboratory for Astrophysics and Space Research, Enrico Fermi Institute, University of Chicago.

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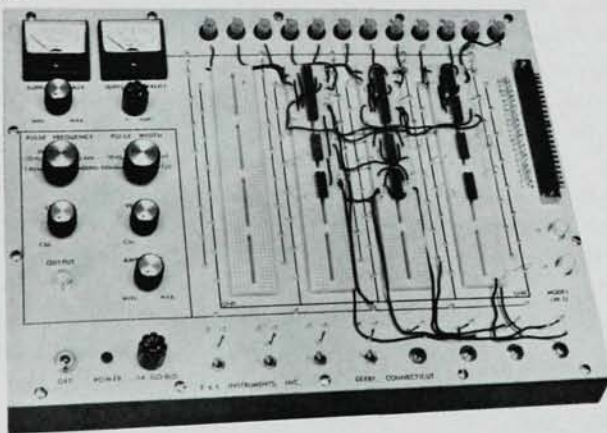
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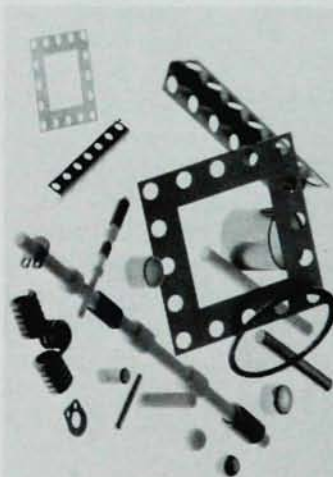


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go, and is noted for his contributions to stellar and interstellar gas dynamics, especially for his work on the solar wind. The Russell Lecturer is chosen annually.

Elected honorary fellow of the Royal Society of Edinburgh is **C. S. Wu**, professor at Columbia.

Burton Fabricand has joined Pratt Institute as professor and will become department chairman in September. He was formerly with Hudson Laboratories.

The American Institute of Aeronautics and Astronautics elected **Robert C. Seamans** president.

Mobil Research and Development Corp named **J. P. McCullough** manager of the applied research and development division at its Paulsboro, N.J. laboratory. **P. B. Weisz** has become manager, research, of the Central Research Division Laboratory.

Kodak Research Laboratories named **John L. Simonds** assistant head of the physics division.

Gregory Breit Receives APS 1969 Bonner Prize

Gregory Breit is the recipient of the 1969 Bonner Prize in Nuclear Physics given by the American Physical Society. Sponsored by friends of Tom Bonner and the Texas Nuclear Corporation, the award consists of \$1000 and a certificate.

Breit is distinguished professor at the State University of New York at Buffalo. He was cited for his early work on proton-induced nuclear reactions that led to the Breit-Wigner theory of nuclear resonances and for his work on nucleon-nucleon scattering leading to the recognition of the charge independence of nuclear forces. The annual award recognizes experimental research in nuclear physics.

AAS Honors Wallace Sargent With Helen Warner Prize

The American Astronomical Society has awarded its Helen B. Warner Prize to Wallace L. W. Sargent. With Mount Wilson and Palomar Observa-

Manson Benedict of MIT and **Norman Hilberry** of the University of Arizona have received the Atomic Energy Commission Citation for outstanding service.

Receiving a University Research Fellowship under the University Research Awards Program is **Yi-Han Kao** for determination of electron relaxation time in metals. He is an associate professor at the State University of New York, Stony Brook.

William A. Zisman was named to the newly created Chair of Science for Chemical Physics at the Naval Research Laboratory.

Visiting professors at the University of Cincinnati were **Luciano Fonda** from Università Degli di Trieste, Italy, and **Dubravko Tadic** from the University of Zagreb, Yugoslavia.

William V. Cummings joined the chemistry and metallurgy division of Los Alamos Laboratory. Other appointments include **John H. Wolcott**, testing; **Alex L. Marusak** and **David W. Forslund**, theoretical; and **Stanford P. Lyon**, computer science and services.

tory in California, Sargent was cited for his application of spectroscopy to "astrophysically interesting objects."

Sargent has studied Population II, A, metallic-line and magnetic stars. His recent papers deal with Seyfert galaxies, quasistellar sources and peculiar galaxies.

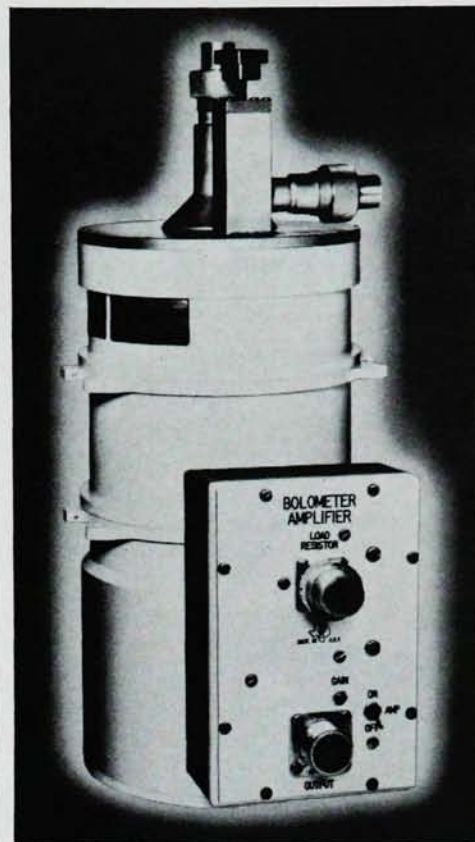
The prize, given annually, honors contributions to astronomy during the preceding five-year period.

Dirac Receives Miami Center Oppenheimer Memorial Prize

P.A.M. Dirac is the recipient of the first J. Robert Oppenheimer Memorial Prize given by the University of Miami Center for Theoretical Studies. Presently a visiting member of the center, Dirac is noted for his work on quantum electrodynamics; his prediction of antiparticles, later verified; his spin-of-elementary-particles



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