

Doctors' tests were interrupting the schedule somewhat, but they were not dimming the gusto or reducing the humor that George Gamow finds in the universe and its exploration. —RHE

Appointments at the University of Oklahoma are **James N. Huffaker** from the University of Alabama, associate professor, and **Keith J. Carroll** from the University College, Cork, Ireland and **Robert F. Petry**, who was formerly with Princeton University, assistant professors.

At the University of Georgia, new appointments are **John J. White**, assistant professor, **Helmuth Urbantke** and **Walter Konetschny**, visiting assistant professors.

Raymond J. Emrich, professor and chairman at Lehigh University, will become visiting scientist at Ernst Mach Institute, Freiburg/Breisgau, and Rhine-Westphalia Technische Hochschule in Aachen, West Germany.

The National Bureau of Standards has appointed **Robert D. Huntoon** head of the Office of Program Development and Evaluation. He was director of the NBS Institute for Basic Standards.

Scott C. Daubin of the General Motors Corp. has become senior scientist and chairman of the department of ocean engineering at Woods Hole Oceanographic Institution. He was formerly head of the marine-sciences section at GM in Santa Barbara, Calif.

Philip J. Dickerman has been promoted to manager of the plasma and electron physics section at ITT Research Institute.



LEACHMAN

Other appointments include **James C. Legg** from Rice University as associate professor, and as assistant professors **John N. Bradford** from the University of Montana and **Sigrun Hechtel** from

Brookhaven National Laboratory.

John A. Hipple, North American Philips Company vice president and director of Philips Laboratories, has been appointed chief scientist at the New York head office.

The University of Michigan has awarded the Henry Russel Lectureship for 1968 to **H. Richard Crane**, department chairman at the university. It carries a \$1250 honorarium.

Peter L. Auer has been named director of the laboratory of plasma studies at Cornell University.

New members of the board of trustees of Associated Universities include **Milton G. White** of Princeton University and **Herbert Friedman** of the US Naval Research Laboratory.

Benjamin G. Holzman, former commander of the Air Force Cambridge Research Laboratories, has become deputy director of the Environmental Data Service at the Environmental Science Services Administration.

New assistant professors at the University of Florida are **Henri A. Van Rinsvelt** from Florida State University and **James H. Stamper** from Yale University. Visiting research assistant professors are **Carl G. Sperber** from the University of Uppsala, Sweden, and **Tamotsu Ueda** from the University of Hiroshima.

Visiting scientists with the nuclear-chemistry-nuclear-spectroscopy group at the Georgia Institute of Technology are **Evani Kondaiah**, head of the nuclear-physics department, Andhra University, Waltair, India, **N. RanaKumar** from Western Reserve University and **Hans-Ulrich Freund** from the Technische Hochschule, Munich, West Germany.

Ronald D. Parks has become associate chairman of the physics and astronomy department at the University of Rochester.

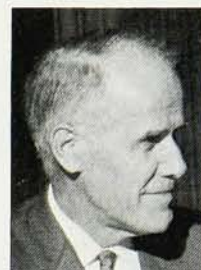
C. W. Cho, on leave from the Memorial University of Newfoundland, Canada, has been appointed visiting associate professor at The Pennsylvania State University.

Alfred T. Kornfield, biophysicist and former president of Biosearch Co.,

Boston, has joined the National Institute of General Medical Sciences, National Institutes of Health as a health-scientist administrator.

Sheldon L. Glashow has been promoted to professor at Harvard University.

Neville Woolf has joined the astronomy department of the University of Minnesota as professor and director of the Minnesota observatories.



BRODE

Wallace R. Brode has been chosen president elect of the American Chemical Society for 1968. He was professor of chemistry at Ohio State University from 1928 to 1948. He served as associate director of the National Bureau of Standards 1947-58 and was science advisor to the US State Department from 1958 to 1960. Brode is a member of the advisory committee of PHYSICS TODAY.

Raymond Hide of MIT has joined the British Meteorological Office as head of a new laboratory of geophysical fluid dynamics.

John M. De Noyer has become assistant director for research of the Geological Survey. He was deputy director for nuclear test detection in the Office of the Secretary of Defense.

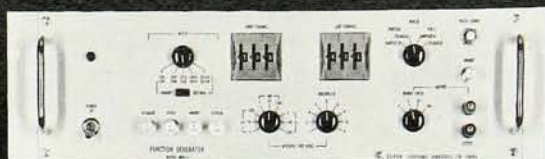
John R. Waters has joined the staff of Johnston Laboratories, Baltimore, as director of research. He was with American Science and Engineering, Cambridge, Mass.

Robert B. Hemphill and **Jay S. Chivian** have joined the electronics sciences group of the research center at Ling-Temco-Vought, Inc. Both were previously with Texas Instruments Inc.

Ellis L. Foster of Battelle Memorial Institute has been appointed chairman of the vacuum metallurgy division of the American Vacuum Society.

George A. Ameer, assistant professor at American University in Beirut, Lebanon, became a member of the technical staff of North American

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Rockwell Corp. in the autonetics electrooptical laboratory.

The University of Massachusetts at Boston has appointed **Martin Fosner** of Yale University, **Harold P. Mahon**, formerly guest professor at the University of Zürich, and **Nareshchandra Shah** from Stanford University assistant professors. **Freda Salzman**, on leave of absence for the year, is visiting scientist at the MIT center for theoretical research.



HUMPHREYS

Curtis J. Humphreys has retired as head of research at the Naval Weapons Center Corona Laboratories. He will return after a three-month absence to continue individual research.

Gallatin Medal Goes To Richard Courant

Richard Courant, professor emeritus and science adviser at New York University, has been awarded the NYU Albert Gallatin medal. The bronze medal, named for the Secretary of the

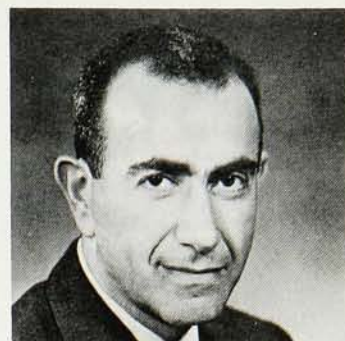
Treasury under Presidents Jefferson and Madison, is given annually in recognition of contributions of lasting significance to society. Courant has created and directed eminent centers for mathematics on two continents and has made major contributions in both pure and applied mathematics. In 1953 he founded the NYU Institute of Mathematical Sciences and directed it until his retirement in 1958. It has been renamed the Courant Institute of Mathematical Sciences in his honor.

Simon Memorial Prize Goes To Kurt A. G. Mendelssohn

The low-temperature group of the British Institute of Physics and the Physical Society has awarded the Simon Memorial Prize for 1968 to Kurt A. G. Mendelssohn of the University of Oxford. The prize was instituted in 1959 in memory of Sir Frances Simon, professor of thermodynamics, and was awarded in recognition of Mendelssohn's distinguished work in superconductivity and the properties of liquid helium.

Herbert Friedman Receives Rockefeller Service Award

Herbert Friedman, superintendent of the atmosphere and astrophysics divi-



FRIEDMAN

sion at the Naval Research Laboratory, has won the 1967 Rockefeller Public Service Award for science, technology and engineering. The award, conceived and financed by John D. Rockefeller 3rd and administered by Princeton University, carries an honorarium of \$10 000.

Friedman conducted the first experiments in rocket astronomy that revealed the strength and pattern of x-ray and ultraviolet radiation 50 miles above the earth's atmosphere. He determined the mechanism by which the sun creates the ionosphere and discovered that the Crab Nebula is a strong x-ray source. Eight satellites have since been launched under his direction as part of a program called Solrad that was set up to study radiation sources.

Frank C. Walz, Was with University of Colorado

Frank C. Walz, University of Colorado professor of physics and astrophysics, died 16 Nov.

Walz was born in Pueblo, Colo., in 1899. He received his BS in electrical engineering with honors in 1922. The following year, he served as a research fellow and became instructor in engineering mathematics at CU where he earned his masters degree in physics in 1926. He also did further post-graduate work at CU, the California Institute of Technology and with the Bell Telephone Laboratories. He was an assistant at CIT in 1930-31. He was appointed as an assistant professor at CU in 1932 and had been a full professor since 1946.

Walz was responsible for the establishment of the curriculum in engineering physics in 1940. This program

was one of the first of its kind in the nation and has since been established by other institutions. He also built up an integrated course in electronics and electronics laboratory.

Walz also was a consultant for Midwest Refining Co. in 1927-29; supervisor of electronics war training in the Denver area during World War II; and had directed research projects for the US Air Force, and the Boeing and Martin companies. He was consultant and member of the planning board of the Upper Air Laboratory of CU, 1948-1952; co-director of the Sun-seeker Pointing Control Project in 1953; consultant on the Navy's Project Kettle, and director in 1950-52; and director and co-principal scientific investigator of an Air Force project on simulation of aerodynamic heating, 1953-56.

He was particularly interested in

students and learning. A large portion of his time throughout his association with the university was devoted to studies and programs to improve education. Walz also gave much attention to helping students who normally might have dropped out of the university owing to relatively poor preparation or for other reasons and to encouraging people to continue their educations throughout life.

ALBERT A. BARTLETT
University of Colorado

Robert Coté, Neutron Physicist at Argonne

Robert E. Coté, a physicist in the Argonne physics division, died 1 Oct. in Madison, Wisc., where he had been hospitalized after an accident suffered while on a hike with his sons. Born