

Isidor I. Rabi, Nobel Laureate and professor of physics at Columbia University has been elected to the board of directors of Energy Conversion Devices, Inc., developers of junctionless bulk-effect semiconductors.

Louis T. Klauder Jr., formerly assistant professor of physics at Wesleyan University, Middletown, Conn., has joined the physics department of General Motors Research Laboratories as associate senior research physicist. **Gerald M. Rassweiler** has retired from the laboratory after more than 35 years service with GM. His interests have been in x-ray, spectroscopic and general instrumentation problems.

The board of trustees of the Pennsylvania State University has designated **Ernest C. Pollard** as Evan Pugh research professor of biophysics. Pollard's varied career is reflected in the facts that he has served as division head of the Radiation Laboratory of MIT and is the coauthor of the book "Applied Nuclear Physics." He has been at Penn State since 1960.



POLLARD

Polytechnic Institute of Brooklyn has appointed **Donald B. Scarl**, **Alexander Solomon** and **David Stoler** assistant professors in physics. **P. Ducros** from the University of Grenoble and **A. Halperin** of the University of Jerusalem are visiting professors in the department this year.

Paul Frazier Bird has recently joined the staff of Los Alamos Scientific Laboratory as a physicist in the explosives research division.

Ronald L. Marshall, of the University of Utah, and **Virginia F. Walters**, of Western Reserve University, have been appointed assistant professors at Cleveland State University.

Harold L. Wedlick has joined the faculty of Lowell Technological Institute.

A health physicist, he will teach principals of radiation protection and control.

Seymour Glasser has been appointed senior physicist at Leeson Moos Laboratories. He joins them from Nuclear Research Associates.

South Dakota School of Mines and Technology has added three new faculty members: **William H. Southwell**, a recent PhD from Brigham Young University; **Ronald J. Kosteletzky**, who has taught at Mankato State College, Minn. and Dickinson State College, North Dakota; and **F. L. Partlo**, who retired last July from administrative duties as president of South Dakota Tech.

George Adomian, formerly of Pennsylvania State University, has been appointed to the David Crenshaw Barrow chair of mathematics at the University of Georgia.

Virginia Polytechnic Institute has appointed **Dale D. Long**, of Florida State University, and **David A. Jenkins**, of the University of California at Berkeley, as assistant professors.

Nicholas A. Begovich, a vice president of Hughes Aircraft Company, has been appointed group executive of the company's ground systems group at Fullerton, Calif. Begovich originally joined Hughes as a research physicist in 1948. He holds a PhD from Cal Tech.

Carroll W. Zabel, associate dean of arts and sciences of the University of Houston, has been elected vice chairman of the Atomic Energy Commission's advisory committee on reactor safeguards for the calendar year 1967. Zabel joined the Houston faculty in 1964 as an associate professor in the physics department.

Oregon State University has appointed **Peter Fessenden**, from the Los Alamos Scientific Laboratory, **David J. Griffiths**, from the University of Southern California, and **Chris D. Zafiratos**, from the University of Colorado, as assistant professors.

N. F. LeBlanc of Hercules Inc., Bacchus Works, Salt Lake City, will become assistant director of programs and contract administration at the Wilmington, Del. offices. In 1965 LeBlanc moved to Bacchus where he directed Hercules' efforts to secure contracts for the Poseidon missile.

Aharon Goldman has joined the research staff of the physics division at the University of Denver's Research Institute. Goldman, a native Israeli, has a DSc degree from Technion in Haifa.

Louisiana State University at Baton Rouge has appointed as assistant professors in the physics department **John L. Fry**, formerly at the University of California, Riverside, **Graham Hill**, formerly at the University of Texas, **John J. Maese**, formerly at the University of Notre Dame, **Charles Perry**, formerly at Kitt Peak National Observatory, **M. H. Saffouri**, formerly at the University of Illinois, **David Sher**, formerly at Kapteyn Laboratory, The Netherlands, **Paul Varlashkin**, formerly at the University of North Carolina, and **Edward Zganjar**, formerly at Phillips Petroleum Co. Associate professor **Robert F. O'Connell** is on leave at the institute for space studies at Goddard Space Flight Center.

Arthur A. Oliner has been named head of the electrophysics department at Polytechnic Institute of Brooklyn. He has been a member of the staff since 1946.

Murray Gell-Mann has been named Robert Andrews Millikan professor of physics at the California Institute of Technology. He is the first man to hold this chair, created last fall by the Cal Tech board of trustees. Gell-Mann joined the Cal Tech staff in 1955 as an associate professor. A year later at the age of 26 he was made a full professor. He is well known for his



GELL-MANN

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contributions to elementary particle theory; in particular he introduced the important ideas of strangeness, the eight-fold way and the quark model.

Jerome B. Wiesner, Massachusetts Institute of Technology, has been appointed to a new advisory committee on program and policy matters of the National Institutes of Health.

Victor H. Rumsey from Berkeley and **Henry D. Block** from Cornell are visiting professors at the University of California, San Diego this year.

Edwin L. Goldwasser, professor of physics at the University of Illinois, has been named chairman of the division of physical sciences of the National Research Council.

Oak Ridge National Laboratory has appointed **Kenneth Ray Efferson**, formerly a graduate student at Louisiana State University, Baton Rouge, to its staff.

The physics department of the two-year-old University of South Alabama has named **Richard F. Sweet** as assistant professor. He joins **Ferdinand H. Mitchell**, department chairman, **Jack Copeland**, professor, and **Stanley T. Noland**, associate professor.

Monroe S. Wechsler of the solid state division of Oak Ridge National Laboratory is spending the year with the metal-physics group of Battelle Institute in Geneva, Switzerland.

Paul A. Silberg has joined the precision products department of Northrup Nortronics as a consulting scientist in research and development.

Alexander J. Glass, previously director of the laser program at the Institute for Defense Analysis, has joined the staff of the Naval Research Laboratory's plasma physics division.

The University of South Carolina has named **LeConte Cathey**, formerly head of the solid state physics group at the Savannah River Laboratory, professor in the department of physics and astronomy. **Charles P. Poole Jr** has been promoted to full professor

and **Richard L. Childers** has been promoted to associate professor.

Daniel I. Fivel, assistant professor of physics at the University of Maryland, has received a \$1000 board of regents award for excellence in teaching.

New Mexico State University has awarded **Ralph W. Dressel**, professor of physics, the \$500 Westhafer prize for excellence in teaching.

Edward M. Purcell, 1967 Oersted Medallist

Edward M. Purcell, Gerhard Gade university professor of physics at Harvard University, has been awarded the 1967 Oersted Medal by the American Association of Physics Teachers for notable contributions to teaching. Purcell is well known for his work with nuclear magnetic resonance for which he received a Nobel Prize, along with **Felix Bloch** of Stanford University. In 1951, along with **Harold I. Ewen**, Purcell detected the 21 centimeter radiation from interstellar hydrogen clouds. More recently he has been involved in the development of the Berkeley Physics Course and has written volume 2 "Electricity and Magnetism" of the series.

Townes, Fletcher and Mason Will Receive IEEE Awards

Charles H. Townes, professor at Massachusetts Institute of Technology and president of the American Physical Society, will receive the Institute of



TOWNES

Electrical and Electronics Engineers' medal of honor for his contributions in the fields of quantum electronics that have led to the maser and laser.

The IEEE founders award will be given to **Harvey Fletcher** for contributions to physical acoustics, electrical