

Lawrence Radiation Laboratory

RESEARCH SCIENTISTS

We have some excellent opportunities for research scientists at Lawrence Radiation Laboratory. You would be involved with long-term studies in rock deformation, mineralogical associations with radionuclides, or wave propagation in solids. As a member of a newly established research team, you would be working with scientists from theoretical and field operation areas.

Scientists to study mechanical properties of rocks and rock-forming minerals. Training in solid-state physics or various aspects of different material sciences is desirable. Degree requirements: M.S. or Ph.D.

Microscopist for research in petrography, metallography, or electron microscopy to conduct studies related to basic understanding of rock behavior. Areas of study include strain analysis, fractography, microstructure of glasses and deformed minerals and rocks, fracture kinetics and mechanisms, defect structure distributions, and high temperature nucleation and crystal growth. Degree requirements: M.S. or Ph.D.

Seismologist to perform experiments and study wave propagation data from solids in homogeneous and layered media. Degree requirements: M.S. or Ph.D.

We invite you to write in confidence to Dean Wise, Personnel Dept.,



**Lawrence
Radiation
Laboratory**

UNIVERSITY of CALIFORNIA
P. O. Box 808 3-27
Livermore, California 94550

An Equal Opportunity Employer
U.S. Citizenship Required

WE HEAR THAT . . .

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



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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