WE HEAR THAT

Promotions in the University of Rochester's Department of Physics and Astronomy include those of **Ronald D. Parks** and **Edward H. Thorndike,** from assistant professors to associate professors; **Taiji Yamanouchi,** from research associate to senior research associate; **Douglas Cline,** from research associate to assistant professor; **Carl R. Hagen,** from research associate to assistant professor; and **Lalit K. Pandit,** from research associate to assistant professor (part-time). New appointments include those of **Kenneth H. Purser,** previously senior staff physicist for High Voltage Engineering Corporation, as senior research associate, **Ezio Ferrari,** formerly with the Theoretical Physics Group at the University of Rome, as visiting senior research associate, **Vishnu S. Mathur,** formerly of the Center for Advanced Studies in Theoretical Physics and Astrophysics at the University of Delhi, as visiting senior research associate, **Thomas Ferbel,** previously research staff physicist at Yale University, as assistant professor, and **Conrad Sturch,** a recent PhD from the University of California at Berkeley, as instructor in astronomy.

New research associates in physics in the Rochester Department include **Joseph H. Eberly,** formerly research physicist in the Nuclear Physics Division at the Naval Ordnance Laboratory, **Gerald S. Guralnik,** previously an NSF postdoctoral fellow at Imperial College, **Loke Soo Hsu,** a recent graduate of Rochester, **Yorikiyo Nagashima,** who just received his PhD from the University of Tokyo, and **Keith R. Ratcliff,** a recent graduate of the University of Pittsburgh. **Jean-Marc Levy-Leblond** of the Laboratory of High-Energy Theoretical Physics at Orsay will become a research associate at Rochester in January, and **Hugh Van Horn,** who just received his doctorate from Cornell University, has joined the Rochester faculty as a research associate in astronomy.

George C. Towe, formerly associate professor and acting chairman of the Physics Department at Alfred University, has been promoted to professor and chairman of the Department. **Ghazi Q. Hassoun,** previously a postdoctoral research associate at the University of Michigan, has been named assistant professor in the Department.

Thomas Knorr, formerly senior physicist in the Physics of Solids Division at Battelle Memorial Institute, has been named associate professor in the Department of Physics at Wheeling College in West Virginia.

Clarence Zener, director of science at Westinghouse Research Laboratories, will join Texas A&M University on January 1 as the first dean of its College of Sciences.

Lyle W. Phillips of the National Science Foundation has been appointed director of NSF's Division of Undergraduate Education in Science. Dr. Phillips previously served in the Planning and Evaluation Unit in the office of the NSF's associate director for education.

Richard M. Adams, a physical chemist and assistant to the director of Argonne National Laboratory, has been named assistant director of the Laboratory, succeeding the late **James R. Gilbreath,** who died of cancer on July 8. Dr. Gilbreath, a chemist, had been associated with Argonne since 1946 and had served as assistant director since 1957.

William Siler, formerly in charge of the Computer Center at Memorial Sloan-Kettering Institute, has become associate director of the State University of New York's Downstate Medical Center's Computing Center.

Leon Katz, professor of physics and director of the Linear Electron Accelerator Laboratory at the University of Saskatchewan, has been appointed head of the University's Physics Department. Dr. Katz succeeds **Robert Newman H. Haslam,** who continues to serve at the University as dean of arts and sciences and as a member of the Physics Department.

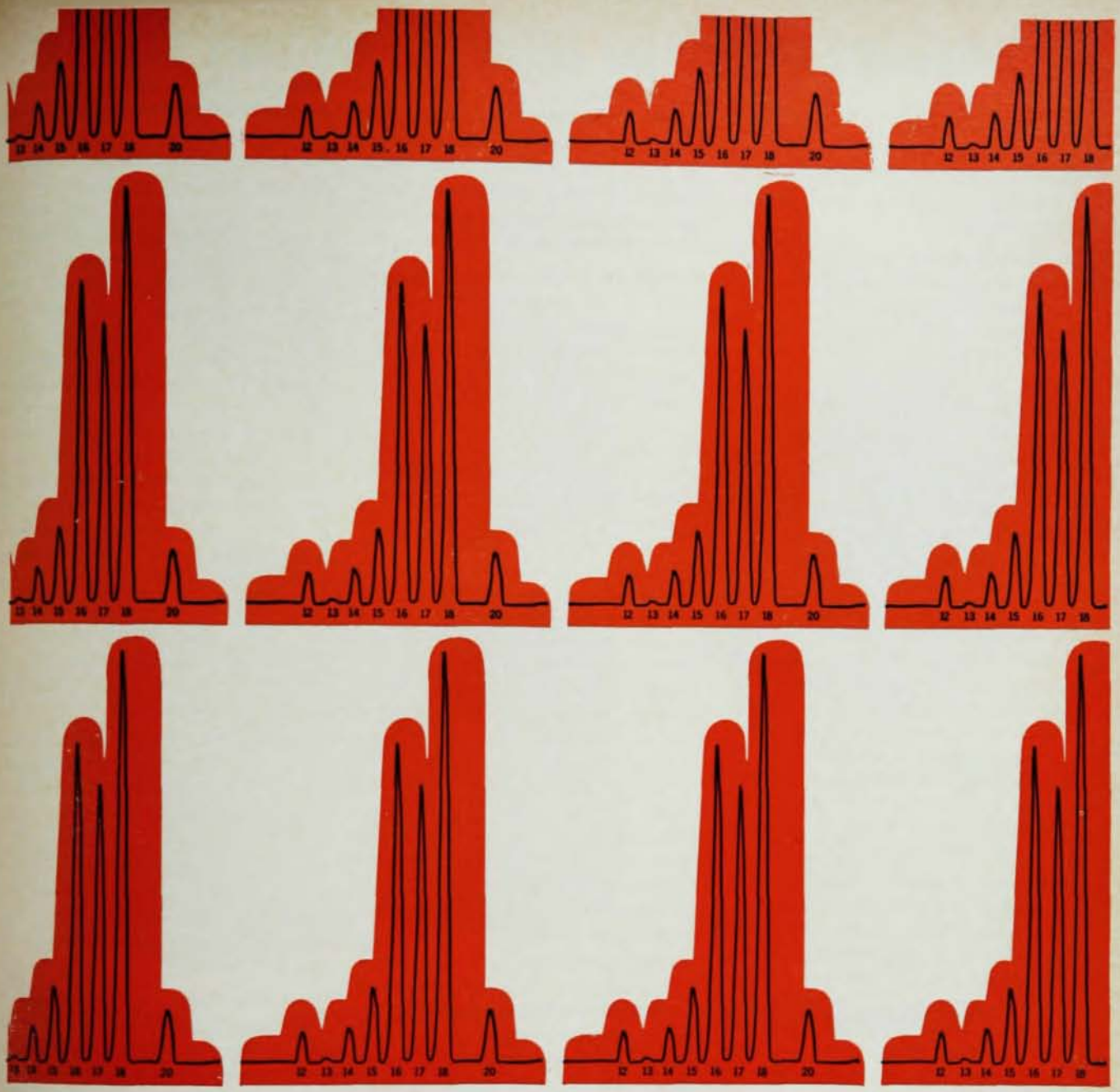
Laura M. Roth and **Richard H. Milburn,** associate professors in the Tufts University Department of Physics, have been promoted to full professors. **Allen E. Everett** has been promoted from assistant professor to associate professor in the Department.

Robert D. Hatcher, professor of physics at Queens College, has been named chairman of the Physics Department. He succeeds **Donald E. Kirkpatrick,** who continues to serve in the Department as professor. **Arthur C. Damask,** former guest scientist from Frankford Arsenal at Brookhaven National Laboratory, and **Chih-Ree Sun,** former assistant professor of physics at Northwestern University, have been appointed professor and associate professor, respectively, in the Queens Physics Department.

R. Robert Brattain, service division manager for the Shell Development Company's research center in Emeryville, Calif., has retired after a career of 27 years with Shell. He plans to work as a consultant in spectroscopy and engage in part or full-time college teaching. **William R. Harp, Jr.,** head of the Analytical Chemistry Department at Shell's research center, has been named to succeed Mr. Brattain.

Donald E. Cunningham will take a sixteen-month leave of absence from his post as associate professor of physics at Adelphi University to serve as an institutional liaison officer with the National Aeronautics and Space Administration. In his new position, Dr. Cunningham will assist the smaller and developing universities in understanding the basic research efforts of NASA and will keep NASA informed of the scientific manpower resources at these institutions.

Alfred E. Glassgold has been promoted from associate professor to professor in the Physics Department of New York University. **Robert W. Richardson,** formerly assistant research scientist at the University of Michigan and NYU's Courant Institute of Mathematical Sciences, **Edward J. Robinson,** formerly a research associate at the Joint Institute of Laboratory Astrophysics, **Ivan A. Sellin,** previously a



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research assistant at the University of Chicago, and **Brian E. Treacy**, formerly of Amalgamated Wireless in New South Wales, Australia, have been appointed assistant professors of physics at NYU.

W. Dale Compton, professor of physics at the University of Illinois, has been appointed director of the Coordinated Science Laboratory at Illinois' Urbana campus.

James M. Knight, formerly a postdoctoral research associate at Duke University, has been named associate professor in the University of South Carolina's Department of Physics. **Edwin R. Jones, Jr.**, who has just completed work on his doctoral degree at the University of Wisconsin, has joined the South Carolina Department as an assistant professor.

Y. Haven, former research scientist with the Philips Research Laboratories in Eindhoven, the Netherlands, has been named professor in the Department of Physics at Wake Forest College. **William R. Wilkes**, who recently completed work on his doctorate at the University of Illinois, has joined the Wake Forest Department as assistant professor.

Raymond Pepinsky, former distinguished professor of physics and chemistry and chairman of the Physics Department at Florida Atlantic University in Boca Raton, has been named research professor of chemistry and physics at Nova University, a new private graduate institution in Fort Lauderdale. Dr. Pepinsky will also hold the post of chairman of the advisory committee for organization of the University's Physical Science Center.

Smio Tani, formerly senior research scientist at New York University, has been named associate professor of physics at Marquette. **Kenneth Mendelson**, previously associate physicist at Illinois Institute of Technology Research Institute, joins the Marquette faculty as an assistant professor of physics.

C. Burleigh Cooper has been promoted from associate professor to professor in the Department of Physics at the University of Delaware. New appointments to the Department include **Norman I. Adams, Jr.**, professor emeritus at Yale University, who has been named visiting professor at Delaware for the fall semester, and **Mark Sharnoff**, former post-doctoral fellow at the National Bureau of Standards, as assistant professor at Delaware.

William E. Ogle, former alternate leader of the Field Testing Division at Los Alamos Scientific Laboratory, has been named division leader, succeeding the late Alvin C. Graves. **Charles I. Browne, Jr.**, formerly an alternate group leader in the Test Division, has been appointed assistant leader of the division. **Guy E. Barasch**, a recent graduate of Johns Hopkins University, and **Cecil G. Davis, Jr.** from General Atomic, have also joined the LASL Test Division. **Donald E. Michael, Robert M. Henson** and **Darrell M. Drake**, former research associate at the University of Illinois, have joined the Los Alamos Physics Division. **David R. Copenhagen** and **Lars N. Engel**, a former staff member with the Westinghouse Space & Defense Center, have joined the LASL Meson Physics Division. **Edward C. Snow**, former research scientist with Humble Oil Co., has joined the Chemistry and Metallurgy Division, and **Donald J. Dudziak** from the Bettis Laboratory, has joined the Research in Reactors Division.

Sol Raboy, formerly a nuclear physicist at Argonne National Laboratory, has been appointed professor of physics at Harpur College of the State University of New York at Binghamton.

Harold H. Hall, former chief scientist for guerrilla warfare in the Department of Defense, has been named director of the Applied Research Laboratories of Philco Corporation's Aeronutronic Division.

George W. Sutton, former scientific advisor for the US Air Force, has joined the Avco-Everett Research Laboratory as a research engineer.

Promotions in the Physics Department at Iowa State University include those of **George H. Bowen** from associate professor to professor, and **Barnett C. Cook, Douglas K. Finnemore**, and **Thomas A. Weber**, from assistant professor to associate professor. New professors in the Department include **Robert O. Haxby**, formerly professor of physics at Purdue University, and **Derek L. Pursey**, formerly lecturer in physics at the University of Glasgow. **J. Ivan Rhode**, formerly research associate at Indiana University, **Willet I. Beavers**, formerly instructor in physics at the University of Missouri, and **Allen B. Tucker**, a recent graduate of Stanford University, have been named as assistant professors. **Robert G. Chambers**, professor of physics at the University of Bristol, will be a visiting senior foreign scientist in the Iowa Department during the fall semester, and **John M. Radcliffe**, lecturer in physics at the University of Sussex, has been appointed visiting associate professor.

John Mydosh, who recently received his PhD from Stevens Institute of Technology, has joined the Physics Department of Fordham University as assistant professor.

Alan R. Liss, a former vice president at Academic Press and a former editor of *Nucleonics* magazine, has joined Consultants Bureau Enterprises as vice president.

D. Kenneth Baker, formerly professor of physics at Union College, has been appointed manager of research personnel at the General Electric Research Laboratory.

James K. Tyson, former director of the Naval Warfare Analysis Group at the Center for Naval Analyses, has become director of CNA's Operations Evaluation Group. The new director of the Naval Warfare Analysis Group is **Sherwood C. Frey**, previously associated with the CNA's office of the Chief Scientist.

Harold W. Lewis has been appointed chairman of the Physics Department at the University of California in Santa Barbara, succeeding associate professor **Paul H. Barrett. Raymond F. Sawyer**, formerly professor of physics at the University of Wisconsin, and **David O. Caldwell**, formerly a lecturer at the University of California in Berkeley, have been named professors. **Jack S. Margolis** and **Allan S. Krass**, formerly lecturers in the Santa Barbara Department, have been pro-

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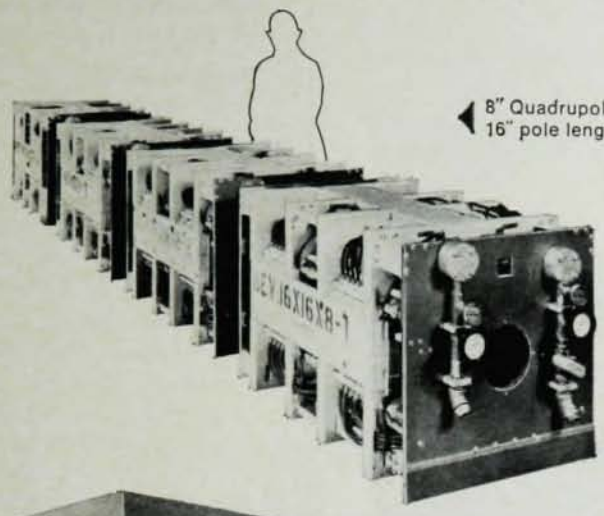

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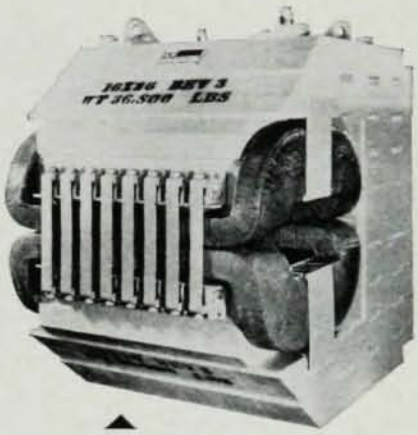

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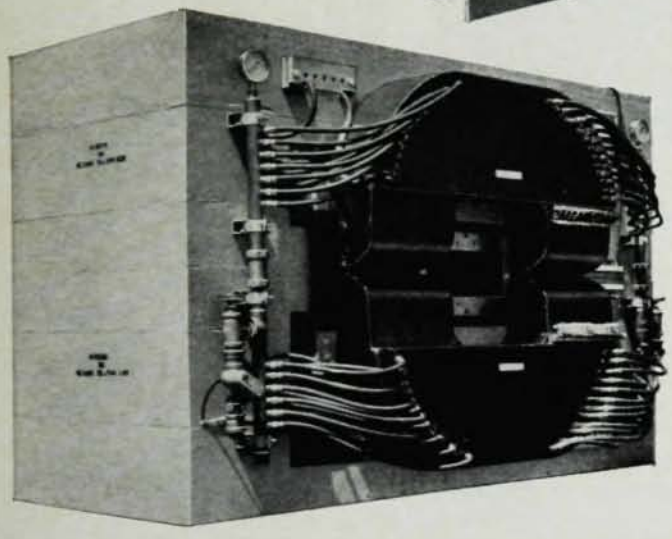

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moted to assistant professors, and **Harvey K. Shepard**, a recent graduate of the California Institute of Technology, has been appointed a lecturer.

Bernard M. Jaffe has been promoted from associate professor to professor in the Department of Physics at Adelphi University. **Robert Fried**, formerly an engineer and associate professor of physics at the Polytechnic Institute of Brooklyn, has joined the Adelphi Department as assistant professor.

Arthur M. Bueche, manager of chemistry research at the General Electric Company's Research Laboratory, has been appointed head of the Company's newly established Research and Development Center in Schenectady, N.Y. The Center is a combination of GE's Research Laboratory and Advanced Technology Laboratories. Dr. Bueche, who was also elected a vice president of the company, will be assisted in the organization of the new Center by **C. Guy Suits**, GE vice president and director of research since 1945. Dr. Suits plans to retire at the end of this year, but will meanwhile serve as consultant to Dr. Bueche.

Harold K. Forsen, who recently received his PhD from the University of California at Berkeley, has joined the Nuclear Engineering Department at the University of Wisconsin as associate professor. **Richard B. Nicholson**, who spent the past semester as a visiting staff member at Lawrence Radiation Laboratory, has returned to his post of associate professor in the Wisconsin Department.

Robert C. Amme and **Edward N. Sickafus** have been promoted from assistant to associate professors in the Department of Physics at the University of Denver. **James R. Barcus** from the University of California in Berkeley, and **Herschel Neumann** from the University of Nebraska have been appointed assistant professors in the Department, and **Steve H. Carpenter**, former research physicist at Aero-Jet General, has been named lecturer. **George E. Hudson**, assistant chief of the Radio Standards Physics Division at the National Bureau of Standards in Boulder, has received an additional appointment as adjunct professor in the Denver Department.