WE HEAR THAT

Daniel Alpert, director of the Coordinated Science Laboratory at the University of Illinois, will become dean of the University's Graduate College in September. Dr. Alpert, who has been associated with the University since 1957, is editor of the American Vacuum Society's *Journal of Vacuum Science and Technology*.

J. P. Doering, formerly a staff member of the Los Alamos Scientific Laboratory, has joined the Chemistry Department of Johns Hopkins University as an assistant professor.

John S. Blakemore, formerly senior staff scientist and co-head of the Solid-State Physics Group at the Lockheed Research Laboratory, has become professor of physics at Florida Atlantic University in Boca Raton.

H. J. A. Chivers has become the first scientific director of the High Latitude Space Environment Monitoring Station, in Anchorage, Alaska, operated by the National Bureau of Standards' Central Radio Propagation Laboratory. Dr. Chivers previously served as a senior scientist with the Laboratory's Space Environment Task Group. **Gordon K. Teal** has taken a two-year leave of absence from his post as assistant vice president and international technical director for Texas Instruments Incorporated, to become director of the NBS Institute for Materials Research in Washington.

Warren J. Deshotels, associate professor of physics at Marquette University, has been appointed chairman of the Physics Department.

Several physicists have recently joined the staff of the Illinois Institute of Technology Research Institute. **Warren J. McGonnagle** from the Southwest Research Institute has become assistant director of the IITRI's Fluid Dynamics Division. In the Acoustics Section of the same division, **Stuart Howkins** from the University of Vermont was appointed an associate physicist, and **Ronald B. Perry** from the Argonne National Laboratory was appointed an assistant physicist. **Harold F. Bennett** from the John R. Miles Corporation has been named a research physicist in the Optics Section of the IITRI's Physics Division, and **Robert B. Moler** from the University of Arkansas and **Richard A. Semmler** from the Laboratory for Applied Sciences were named associate physicists in the Division's Nuclear and Radiation Physics Section. New associate physicists in the Astro Sciences Center at the IITRI include **John C. Niehoff** from the National Aeronautics and Space Administration's Lewis Research Center and **James Witting** from Avco Corporation.

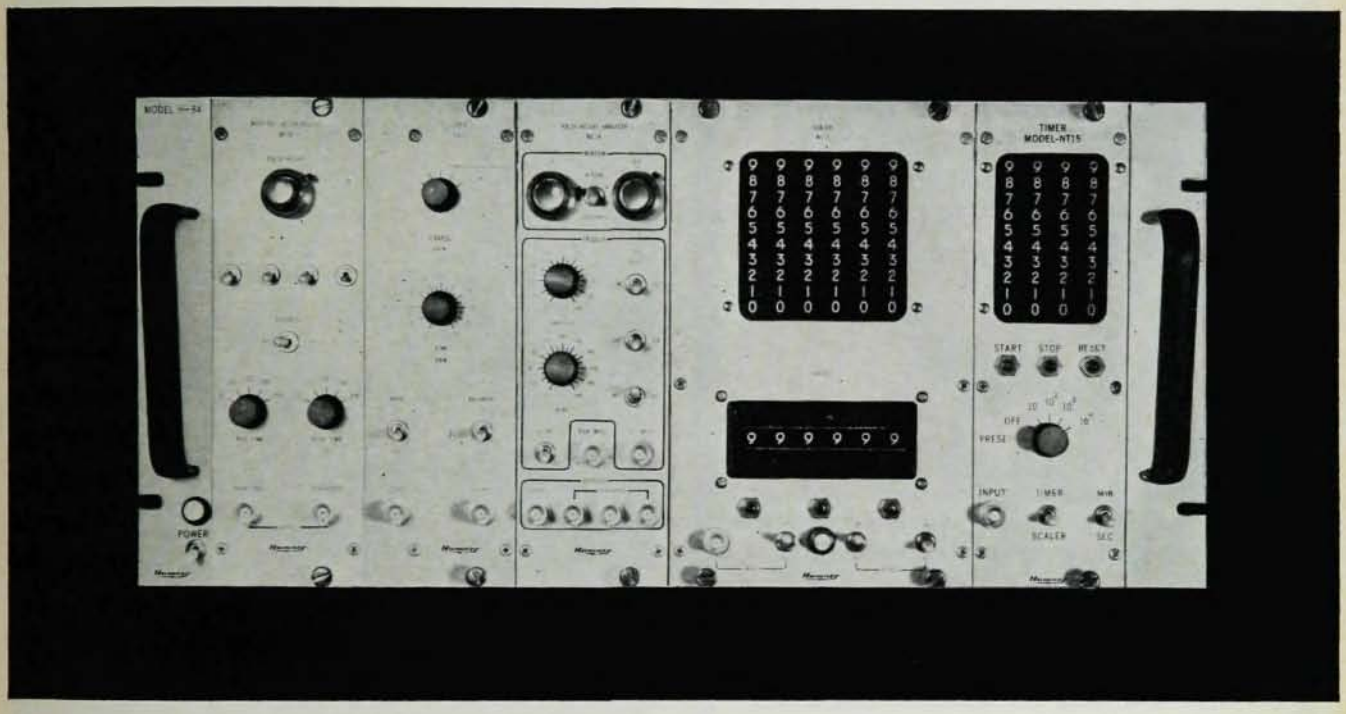
Physicists who have recently joined the staff of the International Business Machines Corporation's Systems Research and Development Center in Palo Alto, Calif., include **Baxter H. Armstrong**, formerly a senior staff scientist at Lockheed Missiles and Space Company, **Robert R. Johnston**, previously a research scientist at Lockheed, and **Michael J. Beniston** from the Enrico Fermi Institute for Nuclear Studies.

William R. Atkinson from the National Bureau of Standards, Atomic Frequency Standards Laboratory in Boulder, Colo. has joined the scientific staff of the National Center for Atmospheric Research, also in Boulder.

Peter Havas, formerly of Lehigh University, and **Charles A. Domenicali**, formerly of Union Carbide Corporation, have become professors in the Department of Physics at Temple University. Henri Amar has been promoted from associate professor to professor in the Department. New assistant professors in the Department include **Robert Intemann**, who recently received his doctorate from the Stevens Institute of Technology, and **W. Palmer**, previously a staff member at the IBM Research Center in Yorktown Heights, N.Y.

George J. Pearson, formerly a member of the Westinghouse Research Laboratories' Cryogenics Group, and **Abund O. Wist**, previously director of research and development at Brinkmann

new standard nuclear instrument modules



The Standard Module Series introduced by Hamner Electronics meets the new A.E.C. recommended standards for mechanical configuration and operating voltages.

Hamner's reputation for quality nuclear instrumentation is evidenced in these new modules. They may be interconnected in any logically valid combination to provide a number of data retrieval functions for the experimental physicist.

All circuitry is to the best reproducible state-of-the-art, backed by two-year warranty. Hamner's traditional excellence in electronics is now complemented by Harshaw Chemical's excellence in front-end physics. May we show you how this combination can enhance your physics information retrieval? Demonstrations upon request.

Call or write for detailed technical bulletins covering any of the following:

Nuclear Event Detection • Low Noise Preamplification • Linear Amplification
Pulse Amplitude Discrimination • Nanosecond Coincidence and Logic Programming
Scalers, Timers, Ratemeters and Data Couplers • High Voltage Power Supplies

For experimenters developing their own systems, Hamner offers standard circuit components, bins and module hardware.

ALL UNITS AVAILABLE ON 30-DAY DELIVERY

Hamner **HAMNER ELECTRONICS CO., INC.**

A Subsidiary of The Harshaw Chemical Company

P. O. BOX 531, PRINCETON, N. J. 08540 • PHONE: 609-737-3400

Company Sales Offices in New York, Boston, Washington, D. C., Chicago, San Francisco, and Representatives in the following cities: Detroit (B. Z. Rubin Co.) • Denver, Salt Lake City, Albuquerque, Phoenix (Hytronics Inc.) • Seattle, Idaho Falls (Showalter-Judd) Oak Ridge, Huntsville, Cape Kennedy, (Ridge Inst. Co.) • Dallas, Houston, (Scientific Sales Co.) • Foreign (Henley & Co., New York)

Instruments, have joined the Research and Development Laboratories of the Fisher Scientific Company in Pittsburgh as project managers.

Burton Bernstein, formerly on the staff of Republic Aviation Corporation, has joined the Airtron division of Litton Industries, as manager of the Crystal Physics Department in Airtron's Solid State Materials Laboratory.

Alfred F. Kaspaul, formerly senior research fellow at Erie Technological Products, has been appointed a senior staff physicist in Hughes Aircraft Company's Research Laboratories.

B. David James, previously vice president of research at the Signetics Corporation, has joined the Ultek Corporation as director of research and engineering.

Robert W. Bussard has joined Electro-Optical Systems as manager of advanced systems concepts and technologies. He previously served with Space Technology Laboratories as assistant director of the Mechanics Division for Nuclear Systems.

Edward H. Erath has left Hughes Aircraft Company to accept a position with the Douglas Aircraft Company as assistant to the director of corporate planning.

Leonard R. Solon, former director of Applied Nuclear Technology at TRG, Inc., has joined Del Electronics Corporation in Mt. Vernon, N.Y., as manager for research and development programs.

Joseph T. Bloxsom, previously associated with the Air Reduction Company, has become a senior scientist at the Textile Research Institute in Princton, N.J.

James K. Tyson of the Center for Naval Analyses in Arlington, Va., has been named director of the Center's Naval Warfare Analysis Group.

William Phillips, who recently received his doctorate from the Carnegie Institute of Technology, has joined the staff of the Electronics Research Laboratory of the RCA's David Sarnoff Research Center in Princeton, N.J.