

Dhirendra P. Mathur has joined the research group at Philips Laboratories, New York. He was formerly with RCA, Montreal.

Effective 1 July, **Tara P. Das**, professor at the University of California, Riverside, will join the University of Utah. New associate professor is **Anthony C. Hearn** from Stanford University and assistant professor **Donald E. Groom**, from Cornell.

New director general of the Joint Nuclear Research Center in Ispra, Italy, is **Pietro Caprioglio**. He succeeds **Hendrik Kramers** of the Netherlands.

Appointed a member of the UKAEA for five years is **Hans Kronberger**.

Paul R. Klein is chief project engineer for nuclear products at the scientific instruments division of Beckman Instruments. He was formerly with Purdue and Stanford University, jointly.

Elected a vice-president of the Royal Society for the year ending 30 Nov. is **F. C. Frank**.

Hans M. Mark, chairman of the nuclear and engineering department at the University of California, Berkeley, has become director of the NASA Ames Research Center, replacing **H. Julian Allen**. Appointed to the newly created deputy directorship is **Clarence A. Syverston**.

Donald Dunipace has joined the Libbey-Owens-Ford Co in Toledo, Ohio.



SAVOYE

Named manager of the RCA Conversion Devices Laboratory at the David Sarnoff Research Center in Princeton, is **Eugene D. Savoye**. With the center since 1966, his research is in photoemission, high-field and surface effects in insulators and semiconductors and electron-emission processes.

New officers of the American Crystallographic Association are **Walter C. Hamilton** of Brookhaven National Laboratory, president; and **David P. Shoemaker**, of MIT, vice-president.



TAPE

Gerald F. Tape has resigned as a US Atomic Energy Commissioner to become president of Associated Universities Inc. Named deputy director of Brookhaven National Laboratory in 1951, Tape served as vice-president and president of AUI in 1962, and in 1963 joined AEC.

Robert H. Romer of Amherst College is visiting professor at Voorhees College in Denmark, South Carolina.

1969 officers of the Electron Microscopy Society of America are **W. C. Bigelow**, president; **Russell L. Steere**, president elect; **Alden V. Loud**, council secretary; **Thomas P. Turnbull**, membership secretary; and **Leonard L. Ross**, treasurer.

Hla Shwe, formerly at Ripon College, Wisc., is professor and chairman of physics at East Stroudsburg State College, Pa.

Appointed assistant professors at Louisiana State University, Baton Rouge, are **B. M. Barker** from Wayne State University, **P. D. Lee** from the University of Illinois, **N. Masuda** from the University of Wisconsin, **S. D. Verma** from the University of Chicago and **W. J. S. Y. Young** from Rice University. **Robert F. O'Connell**, associate professor, has returned from leave at the NASA Goddard Space Flight Center.

David A. Emilia has joined Marathon Oil Co as research geophysicist.

At the Kodak Research Laboratories, **J. Gordon Jarvis** became head of the electrophotographic systems laboratory; **Jack E. Pinney** of electro-mechanical and **Don W. Vanas** of polymer-physical chemistry.

E. C. G. Sudarshan, professor at Syracuse University, (see page 43), will join the University of Texas at Austin, effective 1 Sept.

At Union Carbide **Homer Fay** was promoted to senior research scientist and **Larry Rothrock** to research associate. Appointed group leader of analytical services, crystal products department of the electronics division, is **Eugene Snooks**.

H. G. Jenkins has become an executive editor, Institute of Physics and the Physical Society in London.

The Institute for Defense Analyses named **Alexander H. Flax**, assistant secretary of the Air Force for research and development, as vice-president for research.

Robert D. Hudson received a visiting fellowship at the Joint Institute for Laboratory Astrophysics in Boulder.



DUNNING

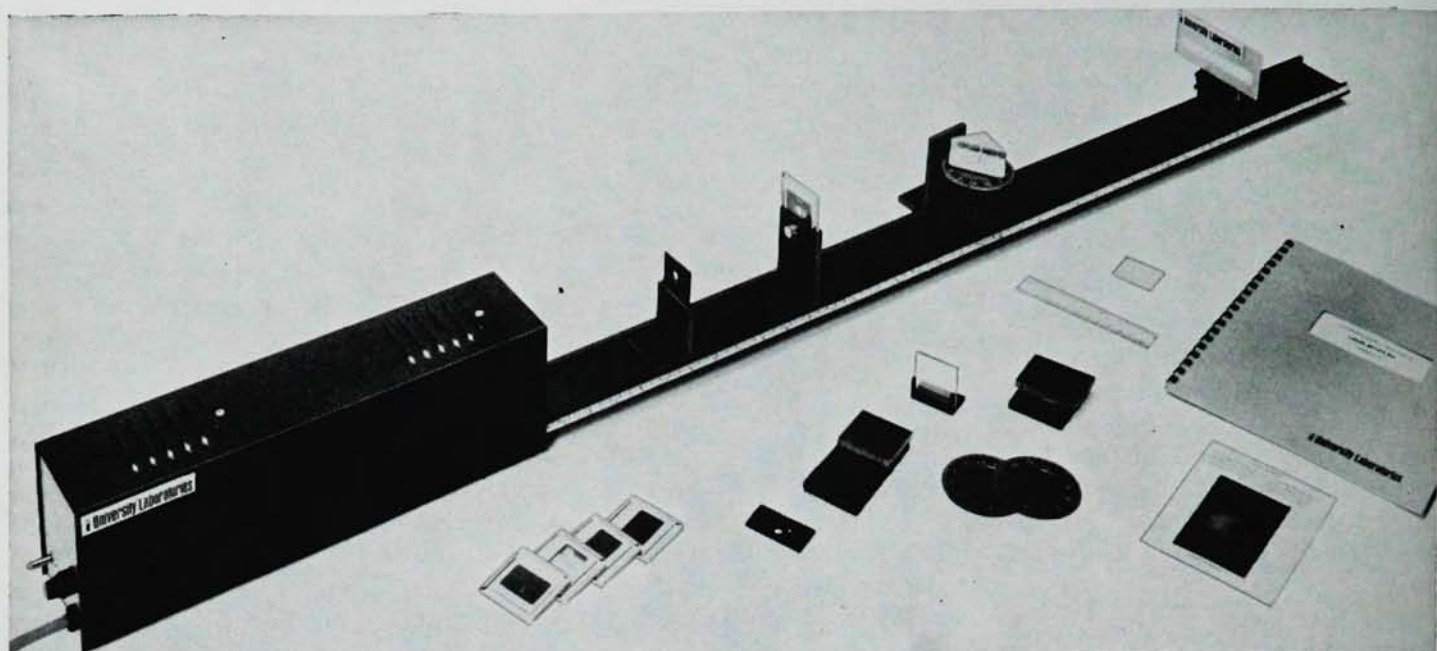
John R. Dunning has resigned as dean of the Columbia University School of Engineering and Applied Science and became the first Thayer Linsley Professor in Applied Science. A nuclear-energy physicist, Dunning invented the gaseous-diffusion method for the separation of U^{235} .

J. Ross MacDonald has become vice-president, corporate research and engineering, of Texas Instruments. He will continue as director, central research laboratories.

Promoted to manager of commercial and professional products engineering department at Eastman Kodak, apparatus division, is **Wayne R. Evans**.

At the University of Maryland, department of physics and astronomy, **Richard E. Prange** and **Robert G. Glasser** were promoted to professor. Promoted to associate professor were **Angelo Bardasis**, **Edgar F. Beall**, **Alan W. DeSilva**, **Alexander J. Dragt**,

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Daniel I. Fivel, Brandt Kehoe, Young S. Kim, J. Frederick Koch, Ching-Hung Woo and Bice Sechi Zorn; and to assistant professor, **Richard A. Brandt and Jean-Paul Richard.**

Frank J. Kerr and Mukul R. Kundu are now professors of astronomy after being visiting professors. Appointed associate professor is **Antonio S. Figuera** of the University of Catania, Italy, and assistant professor **Ronald C. Davidson and Jerry A. Nolen.** Named assistant professor of astronomy is **Benjamin M. Zuckerman.** Visiting associate professor is **Karel Zaveta,** of Charles University, Prague.

New head of the School of Applied Science at Canberra College of Advanced Education, Australia, is **Gordon J. Aitchison.**

B. J. Bailey has joined the department of mechanical and aerospace engineering, University of Delaware.

Promoted to director of Boeing Scientific Research Laboratories is **John C. Noyes,** former head of the geostrophysics laboratory.

Albert R. V. Westwood has become deputy director of the Research Institute for Advanced Studies, Martin Marietta Corp.

Named to a new vice-presidential position at Bell Telephone Laboratories is **Morgan Sparks,** former director-executive of semiconductor components.

Peter H. Haas received the Defense Atomic Support Agency exceptional civilian service award. He is assistant to the deputy director, science and technology.

Robert S. Rowley was named senior engineer, **John A. Makuch,** principal engineer on laser development and **Gordon J. King,** chief mechanical engineer at Laser Sciences Inc. All were formerly with Perkin-Elmer Corp. **Albert M. Rockwell,** formerly of Varian Associates, is senior laser specialist.

Frederick Giles, with the University of South Carolina, was named regional counselor for that state by the American Association of Physics Teachers and the American Institute of Physics.

Edward T. Linacre is associate professor of climatology at Macquarie University, Sydney, Australia.

At the University of West Florida, **William B. Phillips** was promoted to associate professor. New appointments included **John T. Moseley, Richard C. Smith and Robert N. Rigby** to assistant professor.

Don Eagling has been named plant manager at the Lawrence Radiation Laboratory, Berkeley.

The former director of research of Honeywell industrial division, **Howard I. Oshry,** was named principal scientist for Tracor Inc, Texas.

A. Ray Hilton and Laird D. Schearer have become senior scientists at Texas Instruments, central research laboratories.

K. D. Cole is now with the School of Physical Sciences, La Trobe University, Australia.

Benjamin Lax Receives Gano Dunn Medal From Cooper Union

Benjamin Lax, director of the Francis Bitter National Magnet Laboratory at MIT, is the 1969 winner of the Gano Dunn Medal, awarded by the Cooper Union Alumni Association.

The medal acknowledges achievement in engineering or science. Lax's interests and contributions include radar, microwave discharges, plasma physics, ferrites, semiconductors, magnetoöptical studies of solids and high-magnetic fields, cyclotron resonance, quantum electronics and quantum magnetoöptics.

Prior to taking up his present position, Lax was with the Geophysical Directorate of the Cambridge Research Center and head of the ferrites and solid-state groups at Lincoln Laboratory, where he was associate director.

ASA Gold Medal and Trent-Crede Award to Hunt, Vigness

The Acoustical Society of America has given its Gold Medal to **Frederick Vinton Hunt** and its newly created Trent-Crede Award posthumously to **Carl Irwin Vigness.**

Hunt is cited for his acoustical work

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