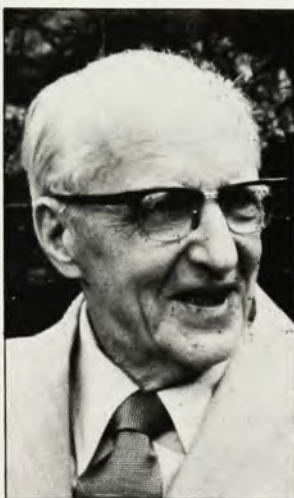


we hear that

APS Southeastern Section presents Beams, Pegram Medals

The Southeastern Section of the American Physical Society has selected this year's recipients of its Beams and Pegram awards. Lawrence C. Biedenharn Jr, professor of physics at Duke University was presented the Jesse Wakefield Beams Medal in recognition of "significant research done within the Southeast region." The George Braxton Pegram Medal for "outstanding teaching done within the Southeast region" went to Ronald D. Edge, professor of physics at the University of South Carolina. Former Emeritus Professor of Physics at the University of Florida, Daniel C. Swanson received the Special Pegram Medal, an award given to an outstanding physics teacher who was active in 1935 (when the Southern Association of Physicists—predecessor of the Southeastern Section—was formed).

Biedenharn received his doctoral degree at MIT. He held research appointments there and at Oak Ridge National Laboratory and faculty positions at Yale and Rice Universities before taking his present post at Duke almost two decades ago. A theorist, particularly in mathematical and nuclear physics, Biedenharn is well-known for his published works, "a number of them classics in their field." His work (with collaborators) on angular momenta, Coulomb excitations, nuclear rotational bands, SL (3,R) symmetry in nuclear collective motions and also on the



SWANSON



EDGE



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canonical definition of Wigner coefficients are representative of his broad range of interest.

Edge received his education at Cambridge University. Following short-term appointments at the Australian National University, Caltech, Stanford and Yale Universities and the University of Munich, he joined the faculty of the University of South Carolina where he has remained since 1958. His research efforts have centered around photo-nuclear disintegration at intermediate energies, channeling in crystals and the operation

of low- and intermediate-energy accelerators for nuclear particles.

A graduate of Hobart College, MIT and Cornell University, Swanson joined the University of Florida faculty in 1929 remaining there until his retirement in 1971. One of the pioneer members of the Southeastern Section, Swanson designed and built one of the first Van de Graaff generators in the south. He is well remembered for the skill, wisdom and patience with which he served Florida physics students as an adviser and as a teacher.

Turnbull wins Acta Metallurgica medal

The 1979 Acta Metallurgica Gold Medal has been awarded to David Turnbull, a physical chemist from Harvard University. The medal was established in 1974 "to recognize demonstrated ability and leadership in materials research."

Turnbull's contributions to metallurgy and solid-state science over the last 40 years have provided a substantial part of our present understanding of nucleation and growth in crystals, diffusion in solid and liquids, of solid-state reactions and the nature of the glassy state. His interest in the development of his students has also shown itself to be worthy of note; "nearly all have continued to make im-

portant contributions after leaving his laboratory."

Monmouth College (Illinois) awarded Turnbull a BS in 1936, and three years later he took a PhD in physical chemistry at the University of Illinois. From 1939 to 1946 Turnbull was member of the faculty of Case Institute of Technology, whereupon he joined the staff of General Electric Research Laboratory. During the last eight years of his 16-year stay at GE, he also served as adjunct professor of metallurgy at Rensselaer Polytechnic Institute. In 1962, Turnbull became Gordon McKay professor of Applied Physics at Harvard.

The Acta Metallurgica Gold Medal is awarded annually by Acta Metallurgica Inc with financial support from Pergamon

Press, Ltd. Turnbull was nominated both by the American Society for Metals and by the American Institute of Physics.

Klemperer receives Langmuir Award

William Klemperer, who was recently nominated to head the National Science Foundation Directorate for Mathematical and Physical Sciences, (PHYSICS TODAY, November, page 93), is the winner of the American Chemical Society's Irving Langmuir Award in Chemical Physics for 1980. Sponsored by the General Electric Foundation, the \$5000 award was presented in recognition of Klemperer's