Olson receives first ASA Silver Medal

Harry F. Olson will receive the first Silver Medal of the Acoustical Society of America on 6 November during its St. Louis, Mo. meeting.

The award, established in 1972, recognizes "contributions to the advancement of science, engineering or human welfare through the application of acoustic principles, or through research accomplishment in acoustics." Olson was selected for his productivity in both research and publishing. He has made significant contributions with microphones, loudspeakers, sound reproduction and electronic music, has written 130 scientific papers plus several books and has served the ASA as associate editor for 30 years.

After earning his doctorate at the University of Iowa in 1928 he joined RCA Laboratories, where he remained until his retirement in 1967. In 1940, under Olson's direction, the RCA acoustics laboratory studied underwater sound and antisubmarine warfare. They built underwater transducers operating at frequencies as high as 60 MHz and an effective electroacoustic proximity fuse for depth charges.

Olson holds more than 100 US patents on acoustical devices and systems.

OLSON

He developed the velocity microphone, the cardioid unidirectional microphone, multicone and multicoil direct radiator loudspeakers, the air suspension loudspeaker, the functional sound absorber and, with Herbert Belar, the RCA Electronic Music Synthesizer.

Civil Service League honors Naugle

The National Civil Service League's Career Service Award for Sustained Excellence will go to John E. Naugle, deputy associate administrator for NASA.

The award honors high federal officials with at least ten years of outstanding public service.

Naugle joined NASA in 1959 as head of the nuclear emulsion section at the Goddard Space Flight Center. During 1961 he was chief of physics in the office of space science, NASA headquarters. He was director of physics and astronomy programs, and then deputy associate administrator for the office of space science and applications during 1962–67, becoming associate administrator for space science in 1967 and remaining in that role until assuming his present position earlier this year.

Naugle earned his doctorate in 1953 at the University of Minnesota. His research has included cosmic rays, high-energy physics and trapped radiation. Prior to joining NASA, he was senior staff scientist at the Convair Science Research Laboratory.

Bird wins Bingham Medal in Rheology

The Society of Rheology has selected Robert Byron Bird as its 1974 Bingham Medalist. The award is to be presented on 22 October at the University of Massachusetts during the society's 45th annual meeting.

Bird is cited for his distinguished career as an educator and for his research achievements in rheology. He has on several occasions been a Fulbright Lecturer, and during 1958 he was a Guggenheim Fellow. He is currently Vilas Research Professor of Chemical Engineering at the University of Wisconsin, where he earned his doctorate in chemistry in 1950. During 1964–68 he was chairman of its department of chemical engineering.

Development and testing of constitutive models has been Bird's most widely known work. He is currently studying various kinds of dumbbell models as prototypes for dilute polymer solutions.

Chien-Shiung Wu is scientist of year

Chien-Shiung Wu, Pupin Professor of Physics at Columbia University and American Physical Society president for 1975, has been named Scientist of the Year by *Industrial Research*.

A nuclear physicist, she is best known for leading the group that performed the 1956 experiment proving that parity is not conserved in weak interactions.

Wu was born in Liu Ho, China and emigrated to the US in 1939. She earned her doctorate in 1940 at the University of California, Berkeley and taught there for four years before joining the Columbia faculty, where she has remained for 29 years.

Harvard, Yale, Princeton and Rutgers are among the universities that have presented honorary degrees to Wu, who is also an honorary fellow of the Royal Society of Edinburgh.

Gordon Award to Courtney-Pratt

Jeofry A. Courtney-Pratt, head of the applied physics and exploratory systems department at Bell Laboratories, has been presented with the Alan Gordon Memorial Award by the Society of Photo-Optical Instrumentation Engineers.

The society cited Courtney-Pratt, a high-speed photography expert, for "advancement of photographic instrumentation as a science of observation, recording and measurement." The Smithsonian Institution has selected his high-speed cameras for display as important devices in the field of high-speed photography.

Courtney-Pratt was born in Australia, studied at the University of Tasmania and earned PhD and DSc degrees from Cambridge University. Optics, acoustics, ballistics and adhesion are among his research interests. He has been with Bell Laboratories since 1958.

we hear that

J. Ross Macdonald has joined the physics and astronomy faculty at the University of North Carolina as William Rand Kenan Jr Professor of Physics. He was formerly vice-president for corporate R&D at Texas Instruments Inc.

At the University of Washington, Seattle, **Sir Rudolf E. Peierls** has accepted a three-year appointment as professor of physics beginning January 1975 and **Joseph H. Weis** and **John J. Rehr** begin assistant professorships in physics in September and December 1974, respectively.

Peter B. Kahn has become chairman of the physics department at the State University of New York at Stony Brook.

Howard Jackson and **Richard Newrock** have joined the physics department at the University of Cincinnati as assistant professors.

Ching-Lu Chen Lin has joined the Electric Power Research Institute, Palo Alto, California, as a member of the nuclear-safety and analysis department in the nuclear-power division.

Newly elected members of the Institute of Medicine include **Murray Gell-Mann,** professor of theoretical physics at the California Institute of Technology, and **Theodore T. Puck,** professor of biophysics and genetics at the University of Colorado Medical Center.

Lewis M. Hobbs, associate professor in the department of astronomy and astrophysics at the University of Chicago, has been named director of its Yerkes Observatory.

Zdeněk Švestka, formerly head of the solar department at the Ondřejov Observatory (Czechoslovakia), has become principal scientist at American Science and Engineering Inc, Cambridge, Massachusetts.

Gerald Cohen has been appointed staff assistant for scientific committees of the National Council on Radiation Protection and Measurements.

Alan Z. Kranz has become manager of administration and project control at the corporate research center of the Otis Elevator Company in Parsippany, New Jersey.

Neville J. Woolf has become professor of astronomy at the University of Arizona's Steward Observatory.

New chairman of the physics and chemistry department at the Naval Postgraduate School of Monterrey, California is **Karlheinz E. Woehler.**

At Argonne National Laboratory, **Stanley J. Rudnick** has been appointed director of the electronics division and **Patricia M. Failla** will serve as assistant to laboratory director Robert Sachs.

Mason C. Cox has been appointed manager of engineering programs at Galileo Electro-Optics Corp. Cox was formerly assistant director of low-loss fiber optic communications development at International Telephone and Telegraph Corp at Roanoke, Va.

Jerome I. Kaplan has joined the faculty of Indiana-Purdue University at Indianapolis as professor of physics, fellow of the Indianapolis center for advanced research and research associate, Krannert Institute of Cardiology. He was formerly visiting professor at Ohio State University.

Edward Schmidt has been appointed assistant professor of physics at the University of Nebraska, Lincoln.

At the University of Rhode Island, **Stanley J. Pickart,** formerly with the solid-state physics division of the Naval Ordnance Laboratory, has been appointed professor of physics and chairman of the department; **Narinder K. Ailawadi, Min Gon Kim** and **John P. McCarthy, Jr** have joined the department as assistant professors.

William J. Veigele, formerly manager of environmental programs at the Kaman Sciences Corp, is now president of Resource Science, Inc of Colorado Springs, Colo.

Gary L. Bennett has been appointed technical assistant in the office of water reactor safety research, division of reactor safety research of the US Atomic Energy Commission. Bennett was formerly flight safety officer in the AEC's division of space nuclear systems.

Paul M. Doherty and **Jeffry V. Mallow** have been appointed assistant professors of physics at Oakland University, Rochester, Mich.

Edmond C. Conway, formerly executive assistant to the president at the Catholic University of America in Washington, D.C., has been appointed dean of the faculty of liberal arts and sciences at the State University College at New Paltz, N.Y.

New director of solid-state sciences research at Sandia Laboratories is **John Galt,** formerly director of solid-state electronics research at Bell Laboratories.