WE HEAR THAT

Acoustical Society Honors Stevens and Wright

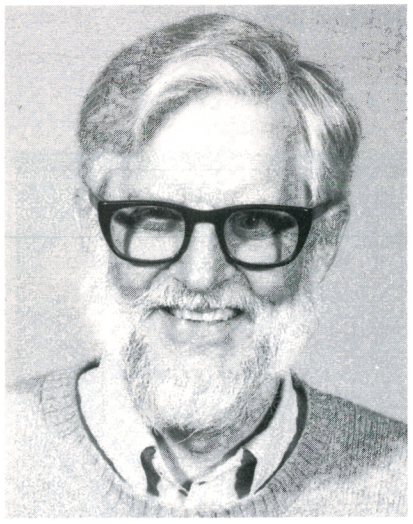
At the 30 May–3 June meeting of the Acoustical Society of America in Washington, DC, **Kenneth N. Stevens** will be presented with the ASA Gold Medal, the society's highest honor. Stevens, who holds the Lebel Chair in the department of electrical engineering and computer science at MIT, is cited for "leadership and outstanding contributions to the acoustics of speech production and perception."

The ASA's R. Bruce Lindsay Award will be given to **Beverly A. Wright** for "contributions to the understanding of auditory processing of complex signals." Wright is an assistant research psychologist at the Keck Center, University of California, San Francisco.

Franklin Institute Announces 1995 Medals

At a convocation this month the Franklin Institute will honor seven individuals, among them three physicists.

Gerard 't Hooft, professor at the University of Utrecht in the Netherlands, will receive the Franklin Medal. The award announcement states that his "work in elementary particle physics has paved the way for major advances in devising a unified field theory of the fundamental forces of nature." The institute will present its Elliott Cresson Medal to **Alfred Y. Cho,** director of the semiconductor research laboratory at AT&T Bell Labs, Murray Hill, New Jersey, for "his pioneering efforts to develop and refine the technique of molecular-beam epitaxy." The Delmar S. Fahrney Medal will go to **Joel L. Lebowitz,** the George William Hill Professor of Mathematics and Physics at Rutgers University, for "his dynamic leadership, which has advanced the field of statistical mechanics and for his inspiring humanitarian efforts on behalf of oppressed scientists throughout the world."



KENNETH N. STEVENS

Honors to be Presented at APS Division Meetings

Several individuals will receive recognition from the American Physical Society during division meetings being held in May and June.

Randall G. Hulet will receive the I. I. Rabi Prize during the upcoming meeting of the APS division of atomic, molecular and optical physics. Hulet, an associate professor of physics at Rice University, is being honored for "his contributions to a broad range of important problems in atomic and optical physics including cavity quantum electrodynamics, quantum jumps, ion storage and laser cooling of atoms—in the latter field, in particular for his demonstration of multiphoton cooling involving Doppleron resonances in neutral lithium and his collision experiments with cooled lithium vapor."

At the May meeting of the APS division of beams, **Raphael M. Littauer** will be given the R. R. Wilson Prize. The citation accompanying the prize notes Littauer's "many contributions to accelerator technology, in particular his innovative conception and implementation of a mechanism to provide multifold increases in the luminosity of single-ring colliding-beam facilities by the establishment of separated orbits of opposing, many-bunch particle beams. This work has enabled the Cornell Electron Storage Ring to achieve record luminosities for electron–positron storage rings; the concept has been adopted, equally successfully, at the other major high-energy physics facilities of the world." Littauer is a professor of physics at Cornell University.

Also at the division of beams meeting, **Dun Xiong Wang** will receive the Award for Outstanding Doctoral Dissertation in Beam Physics. Wang, now a staff scientist at CEBAF in Newport News, Virginia, received his PhD in 1993 from the University of Maryland, where he worked under Martin Reiser.

Roberto Car of the University of Geneva in Switzerland and **Michele Parrinello** of IBM Zurich will be presented with the Aneesur Rahman Prize during next month's meeting of the division of computational physics. The two are cited for "their outstanding contributions to computational physics, combining molecular dynamics and density functional theory—now known as the Car–Parrinello method."

IN BRIEF

Irwin I. Shapiro is the 1994 recipient of the Einstein Medal, given annually by the Albert Einstein Society of Bern, Switzerland. Shapiro is the director of the Harvard–Smithsonian Center for Astrophysics, the Paine Professor of Practical Astronomy at Harvard and a senior scientist at the Smithsonian Institution.

Nick Holonyak Jr, the John Bardeen Chair Professor of Electrical and Computer Engineering and Physics at the University of Illinois, Urbana–Champaign, has received the 1995 John Bardeen Award given by the Minerals, Metals & Materials Society. He is being honored for his "work at the forefront of semiconductor science and technology for more than 40 years."

At its annual meeting last month the National Academy of Sciences will present a number of awards. The winner of the Alexander Agassiz Medal is **Victor V. Vacquier,** professor emeritus in the marine physical laboratory at the Scripps Institution of Oceanography at the University of California, San Diego. **Julian D. Cole,** the Margaret Darrin Professor