

WE HEAR THAT . . .

sociate professors are **John Raich** and **Marvin Heller**.

Promotions at Ripon College are **Hla Shwe** to associate professor and **Wayne Broshar** to assistant professor.

Brown University named **Robert T. Beyer** chairman of the physics department, succeeding **Philip J. Bray**, who is studying in England during a one-year leave.

H. T. Darracott became deputy chief of the operations-analysis division of Advanced Concepts Agency. He was formerly with the Army Material Command.

**Frederick Seitz Awarded
Herbert Hoover Medal**

Frederick Seitz was awarded the 1968 Herbert Hoover Medal for Distinguished Service by the Stanford Alumni Association. He is the retiring president of the National Academy of Sciences and newly elected president of Rockefeller University.

Seitz's research has been in solid-state and nuclear physics and he has served as dean and vice-president for research at the University of Illinois. Science adviser to the North Atlantic Treaty Organization in 1959 and 1960, he was also a civilian member of the National Defense Research Committee and consultant to the Secretary of War during the second world war.

President of the American Physical Society in 1961, he was also chairman of the governing board of the American Institute of Physics from 1954-59.

**Svestka, Czech Astrophysicist,
Receives Guggenheim Award**

Zdeněk Svestka, head of the solar department of the Astronomical Institute of the Czechoslovak Academy of Sciences, is the recipient of the Daniel and Florence Guggenheim International Astronautics Award. The award has been given annually since 1961 for contributions to space research and exploration in the previous five years. It includes a stipend of \$1000.

Svestka is on the staff of the Ondrejov Observatory and is professor of theoretical astrophysics at Charles

At Wisconsin State University W. **Parker Clark** became professor of physics emeritus. Succeeding him as chairman of the physics dept is **Frederick H. C. Schultz** from Washington State University.

Howard R. Bowen, president of the University of Iowa, was re-elected board chairman of Argonne Universities Association.

Russell D. Shelton, chief of the nuclear and plasma division at the Marshall Space Flight Center, Alabama, was named director of the Army Limited War Laboratory.

Moo Ung Kim joined Lycoming College in Williamsport, Pa.

University in Prague. His early work was concerned with photometric studies of the moon and variable stars, and he later became interested in research on solar flares and solar activity in general. He recently has concentrated on proton flares. Svestka is chairman of the Commission on Solar Activity of the International Astronomical Union and editor-in-chief of the monthly journal *Solar Physics*.

**Franklin Institute Honors
Theuerer, Duwez, Berger**

Medal Day at the Franklin Institute honored 11 scientists and engineers for their achievements. Among the physicist winners were Henry C. Theuerer, receiving the Longstreth Medal, Pol Edgard Duwez, the Clamer Medal, and Karl Berger, the Levy Medal. The Michelson and Ballantine Medals went to Dennis Gabor and Chandra K. N. Patel, respectively (PHYSICS TODAY, November, pages 115 and 119). The institute's highest award, the Franklin Medal, was given to Marshall W. Nirenberg, for his role in breaking the genetic code.

Theuerer, who is with Bell Telephone Laboratories, was cited for "significant new ideas" in solid-state science and technology. He conceived and developed the floating-zone process, which is used to attain ultrapure samples of materials in single-crystal form.

In addition, he developed processes for producing epitaxial layers on silicon, many chemical means for preparing semiconductor raw materials and a



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