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GODDARD NEWS

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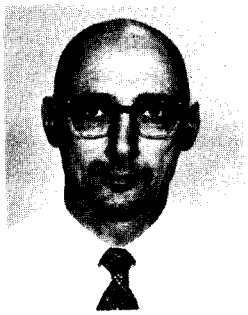
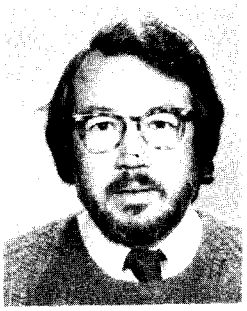
Young, Meredith, Ness win Presidential executive awards

Goddard Director
A. Thomas Young



Director of
Applications
Dr. Leslie Meredith



Chief of the
Laboratory for
Extraterrestrial
Physics
Dr. Norman F. Ness

Goddard Director A. Thomas Young; Director of Applications Dr. Leslie Meredith; and Chief of the Laboratory for Extraterrestrial Physics Dr. Norman F. Ness received Presidential awards October 14 for outstanding performance in the Senior Executive Service.

Mr. Young, in an award ceremony at the White House, received the rank of Distinguished Executive from President Reagan. The award carries a cash bonus of $20,000 and is annually received by no more than one percent of the Senior Executive Service population. Mr. Young was among four recipients of the Distinguished Executive rank from NASA, and 25 recipients from all federal agencies nationwide.

Mr. Young received the rank of Distinguished Executive in recognition of "sustained extraordinary accomplishment in the career Federal Service." As expressed in the award citation signed by NASA Administrator Mr. James Beggs and Deputy Administrator Dr. Hans Mark, "(his) achievements over the past 20 years have resulted in many milestones for NASA. Throughout the Lunar Orbiter Missions, the Viking Missions, and (his) tenure as Director of NASA's Planetary Program, (he has) demonstrated the very best in managerial and technical competence. (His) continued success as Director of the Goddard Space Flight Center is further testimony to (his) superb managerial skill."

Dr. Meredith and Dr. Ness received the rank of Meritorius Executive from NASA Administrator Mr. Beggs in a ceremony at NASA Headquarters. The award carries a cash bonus of $10,000 and this year was received by 96 Senior Executive Service members nationwide, 14 of whom were from NASA.

In receiving the award, Dr. Meredith was cited by Mr. Beggs as follows: "For nearly three decades, your dedicated service to the Nation has been reflected through your leadership in NASA's space science programs. Under your leadership NASA's space science research group has become one of the leading groups in the areas of atmospheric sciences and in satellite

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Space Telescope Institute gains Deputy Director: Dr. Donald Hall

Dr. John M. Teem, President of the Association of Universities for Research in Astronomy, Inc. (AURA) announced October 14 the appointment of Tucson astronomer Dr. Donald N. B. Hall as Deputy Director of the Space Telescope Science Institute at the Johns Hopkins University in Baltimore.

In announcing the appointment, Teem commented: "Hall's appointment is the culmination of a long and exacting search process. AURA is very pleased that Hall can bring his experience at the AURA-managed Kitt Peak National Observatory in Tucson, Ariz., to the Space Telescope Science Institute in Baltimore. This experience is particularly relevant since both centers will serve much the same community of astronomers."

Hall received his bachelor's degree in physics from the University of Sydney, Australia, in 1966 and a doctorate in astronomy from Harvard University in 1970.

He has been at Kitt Peak since 1970 and currently holds the position of Astronomer with Tenure. Hall heads the Next Generation Telescope and Gratings Laboratory efforts at Kitt Peak and has held a broad range of administrative posts within the Observatory. In 1977, Hall was awarded the American Astronomical Society's Newton Lacey Pierce Prize.

Although his early research was in the field of solar astrophysics, since the mid-1970's, he has played a lead role in developing infrared instrumentation for

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Headquarters adjusts organizational chart

—memo from Mr. Beggs—

The NASA Headquarters organization will be reconstituted to assure the ability at NASA to deal with the problems and opportunities we have. The effective date is November 9, 1981. The specific goals of the new organization are to assure the proper delegation of authority to all line managers, set forth a clear distinction between line and staff, and to simplify and clarify the Field Centers' reporting lines. This structure will better meet the Centers' institutional and programmatic needs as well as reduce the number of organizations reporting directly to the Administrator's Office. The actual assignment of functions and reassignment of personnel will officially commence on November 9, 1981, or as soon thereafter as practicable. In the interim, appropriate Office Heads and the Reorganization Working Group, led by Mr. Hosenball, will develop the particulars regarding functional and personnel changes. The Reorganization Steering Committee, under Dr. Mark, will review the plans developed in this manner and recommend a complete reorganization package for my approval.

While work remains to be done, it is important that you have a good understanding of the basic elements of the proposed reorganization. Specifically, the Administrator's staff will be made up of the following offices: Chief Engineer, Comptroller, Procurement, Equal Opportunity, External Relations, General Counsel, Inspector General, Legislative Affairs, the Associate Deputy Administrator and several Assistants to the Administrator. The Office of the Comptroller will be comprised of the immediate Office of the Comptroller, the Resources Analysis Division, and the Budget Operations Division. The other portions of the Comptroller's Office—Supply and Equipment Management Division, Financial Management Division, and the Facilities Division—will be transferred to the new Office of Management which will be discussed later.

Bendix Field Engineering Corporation (BFEC), Columbia, Md., has contributed $1,200 on behalf of its employees to the United Givers' Fund/Combined Federal Campaign (CFC) at Goddard. Barbara A. Frazier (third from left), BFEC General Supervisor, Computer Operations, Network Support, presents the check to Sandra L. Morey, Network Directorate CFC Coordinator, who accepts the check on behalf of Goddard. Also participating in the presentation are Richard S. Sade (left), Goddard Director of Networks, and Donald E. Smith, BFEC Manager of Network Support (right).

The associate administrators will be the major line officers of NASA, and the NASA center directors will report directly to them. (Editors note: Goddard will report to the Associate Administrator for Space Science & Applications). The associate administrators will be responsible for program content and execution, as well as program and institutional resources for their respective Centers. Those functions currently in the Office of Manage ment Operations that deal with the institutional operations would be assigned to the appropriate program associate administrators.

The Office of Space Science and Applications will be a combination of the current Office of Space Science and the Office of Space and Terrestrial Applications. This consolidation is warranted due both to the program reductions that have occurred over the last several years and to the fact that the technologies pursued by both offices are similar, thus assuring no diminution of the effectiveness of the work. Other program line offices will be: the Office of Aeronautics and Space Technology, the Office of Space Transportation Systems, the Office of Space Transportation Operations, and the Office of Space Tracking and Data Systems.

The Office of Management will be a new organization which will handle a part of the functions now performed by the current Office of Management Operations. As mentioned above, several of the present Comptroller Divisions will also be transferred to the new Office of Management. This Associate Administrator will support the program associate administrators in a matrix manner with each of the support offices having a counterpart in the Program office with whom they would normally work.

As indicated, Dr. Mark will oversee the implementation of this plan. He will chair the Steering Committee on which General Counsel Neil Hosenball and Associate Deputy Administrator Bob Allnut will serve. Mr. Hosenball will lead the Working Group including Ann Bradley (Deputy Associate Administrator for Management Operations), Jack Boyd (Associate Director, Ames Research Center), Pat Sweeney (Special Assistant to the Deputy Administrator), Ron Philips (Director, Government/Industry Affairs), Phil Waller (Executive Personnel Management), and George Reese (Office of General Counsel).

James M. Beggs
Administrator

GAS-NET: on-line information for Getaway Special users

A unique on-line computer system that provides NASA's Getaway Special (GAS) Program participants with experiment information has been developed by system designers at Goddard and is serving users world-wide, 24 hours a day.

Called the GAS Network (GAS-NET), and operational since December 1980, the system enables users with telephone equipped terminals to conveniently access information as they make plans to inexpensively fly their own small scientific packages aboard the Shuttle via the GAS Program. The GAS or Small Self-Contained Payloads (SSCP) program allows public, private, academic, and foreign groups to place payloads in nooks and crannies within the satellite carrying Shuttle cargo bay as space permits. GAS payloads must fit one of three standard packages: the largest allowed being five cubic feet and weighing no more than 200 lbs. The prices for flying various sizes are $10,000, $5,000, and $3,000.

Since GAS-NET's inception, over 10,000 calls have been made to the system, through which users access a bulletin to keep abreast of preparations for GAS flights. The current bulletin menu consists of:

- GAS news
- New users
- Technical notes
- User news
- Verification test payload
- GAS flight assignments
- Space Shuttle news
- Consulting services
- Detached Shuttle Payload (DSP) program news

Bob Pincus and Clarke Prouty of the Special Payloads Division in building 5 update the bulletin as necessary and monitor operations. They also supply users with a detailed booklet which informs them on how to use the network and the many functions it is capable of performing. A direct access telephone number for GAS-NET is (301) 344-9156.

Once users have become familiar with GAS-NET, says Pincus, who is also one of the system's software designers, they can use shortcuts to get the information by employing the expert mode. This way, they can bypass unneeded information.

To date users of GAS-NET have ranged from Japan to Yugoslavia. But not all calls, notes Pincus, have been specially for GAS information. "During STS-1," he says, "there were numerous calls of congratulations for the success of the mission and many calls of thanks from users who were grateful for a system made so conveniently available to them."

Not only is GAS-NET an ideal system for users to share pertinent information, its designers say, it is also a unique model from which many other data-sharing systems can be instituted to provide particular groups or individuals with data or advice.

Bob Pincus, designer of the GAS—NET, demonstrates some of the uses of the information system. It is accessible to users world-wide who plan to fly their own Small Self-Contained Payloads on the Space Shuttle. The prices for flying various sizes are $10,000, $5,000, and $3,000.

Space Telescope Institute

Continued from page one

use with the Kitt Peak 4-meter telescope. Using this equipment, Hall and his collaborators have attacked a wide range of galactic and extragalactic problems. Notable have been the detection of molecules of acetylene and methane in interstellar space. He is currently making infrared observations of energetic phenomena associated with the nuclei of galaxies (including our own).

The 240-centimeter (94-inch) aperture Space Telescope, a cooperative effort of NASA and the European Space Agency, already two thirds built, is scheduled for launch by the Space Shuttle early in 1985. During its projected life, the Space Telescope will provide astronomers with around-the-clock viewing of unprecedented clarity and depth into space. It will take pictures with 10 times the detail of atmosphere-limited, ground-based telescopes and will be able to detect point-like objects much deeper into space.

The Space Telescope project is managed for NASA's Office of Space Science by Marshall Space Flight Center, Huntsville, Ala. Goddard manages the AURA contract for the Science Institute and will manage the operations of the Space Telescope once in orbit in early 1985.

The Space Telescope Science Institute, which is operated by AURA under contract to NASA, will be a major astronomical center with a staff of over 150, including approximately 25 to 30 astronomers. Its primary functions will be to allocate observing time with the telescope on the basis of the scientific merit of proposals; to provide expert support of observers during planning, actual observations and reduction of scientific data; to provide for the archiving and distribution of scientific data; and to provide the setting for an active research program by the Institute's scientific staff.

Mail your story to the Goddard News, Code 202, or call the Editor at 344-5566

Dr. Robert Jastrow retires from GISS

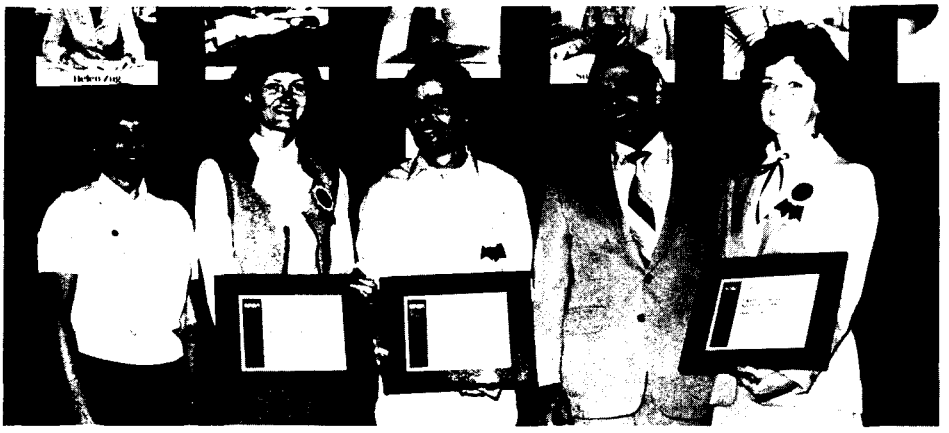
Dr. Robert Jastrow, Director of the Goddard Institute for Space Studies, has retired effective October 5, 1981, after 27 years of government service. Dr. James Hansen, currently Head of the Planetary Climate and Planetary Sciences programs of GISS, will serve as Acting Director pending announcement of new plans for continuation of the GISS program.

Robert Jastrow served as Director of the Institute for Space Studies, an office of NASA's Goddard Space Flight Center, located in New York City. He is also Adjunct Professor of Geophysics at Columbia University.

Dr. Jastrow joined NASA at the time of its formation in November 1958. He served initially as Chief of the Theoretical Division. In 1959 and 1960 he served as Project Officer for NASA's Lunar Exploration Working Group. In May 1961, Dr. Jastrow established the Goddard Institute for Space Studies in New York, with the mission of conducting research in astronomy and planetary science in cooperation with universities in the New York area. In 1962 Columbia University awarded Dr. Jastrow the University Medal for Excellence. In 1964 he received the Arthur Flemming Award given to "ten outstanding young men in Federal Service." In 1967 he received the Columbia University Graduate Faculties Alumni Award for Excellence. In 1968 he received the NASA Medal for Exceptional Scientific Achievement.

Dr. Jastrow is co-editor of the *JOURNAL OF THE ATMOSPHERIC SCIENCES.* He edited *THE EXPLORATION OF SPACE* and *THE ORIGIN OF THE SOLAR SYSTEM,* and is author of *RED GIANTS AND WHITE DWARFS: THE EVOLUTION OF STARS, PLANETS AND LIFE.* In 1980 he received the honorary degree of Doctor of Science from Manhattan College for his contributions to public understanding of science.

Dr. Jastrow was born in New York City on September 7, 1925. He received an A.B. from Columbia College in 1944, an M.A. from Columbia University in 1945, and a Ph.D in physics from Columbia University in 1948. During the period from 1948 to 1954 he was successively Post-doctoral Fellow at Leiden University in the Netherlands, Member of the Institute for Advanced Study in Princeton, Research Associate at the University of California, and Assistant Professor of Physics at Yale University. From 1954 to 1958, prior to joining NASA, Dr. Jastrow served as consultant in nuclear physics to the U.S. Naval Research Laboratory in Washington.



TI&ASD Co-worker Appreciation awards

Three Code 250 employees have received "1981 Co-worker Appreciation Awards" from the Technical Information and Administrative Support Division. Participating in the award ceremony (above left to right) are: Award Committee Chairman Carol Kulwich; award recipients Sue Donnelly (251), and Randy Frisch (253.2); Division Head Ken Jacobs; and award recipient Helen Zug (250).

Presidential awards

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geodesy, cryospheric studies, hydrology, and renewable resources."

Dr. Ness received the Presidential award for "expertise in the area of magnetic field investigation (which was) demonstrated in (his) discovery of the Earth's magnetic tail and the sector structure of the solar magnetic field. (His) contributions to the success of magnetic field experiments on Explorers, Pioneers, Mariners, Voyagers, and Helios missions have, in effect, measured the magnetic field in the solar system out beyond the orbit of Saturn."

The Presidential awards, now in their second year, are an annual event initiated with the Civil Service Reform Act of 1978. Each year, NASA centers recommend to a NASA Performance Review Board their candidates among the Senior Executive Service. Following review processes and approval by the NASA Administrator, Agency nominees are forwarded to the Office of Personnel Management, which in turn makes recommendations to the White House. This year NASA received 15 percent of all the Presidential awards conferred, including 16 percent of those for Distinguished Executive, and 14 percent of those for Meritorius Executive.

NASA
GODDARD NEWS

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