

variety of issues that—unless they happen to have specific expertise in the subject—they become dependent upon staff.

Congressmen who have good staffs, who haven't any axes to grind, can take responsible positions, and they do. But some members can become captured by staff who have a crusade going for them.

It's unfortunate that so few scientists run for public office. I think it's a very sad thing. We put no value on a scientist serving the public.

*Q: You're thinking about running for office?*

RAY: I am considering the possibility. But I can't make a decision until I have a chance to look around, listen to what people have to say about issues in the state [Washington]. I'll try to make up my mind in the next few months.

*Q: To close, would you offer any advice for the next Assistant Secretary for Oceans and International Environmental and Sci-*

*entific Affairs? And for scientists generally who would come to Washington?*

RAY: For the next assistant secretary, I would say study the law [establishing the bureau] so that you'll know what your responsibilities are and then approach the position only with a complete understanding—in writing—that you'll get resources commensurate with these responsibilities.

As for scientists in general, I think that public service is essential. We need people knowledgeable in science and technical affairs to become active in government in one way or another, and not just to lobby for science but to become part of the system.

There should be rewards—intangible things, recognition—to [encourage] a person with knowledge of science to involve himself in the issues, for our society today is based on science. If people don't like that, then they'll have to be born in a different time.

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## APPOINTMENTS

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**Duane Acker**, vice-chancellor for agriculture and natural resources, University of Nebraska, Lincoln, to president, Kansas State University, Manhattan. . . . **Jefferson D. Farris**, dean, College of Fine and Applied Arts and Sciences, University of Central Arkansas, to president of the university. . . . **Charles J. Ping**, provost, Central Michigan University, to president, Ohio University. . . . **William J. Byron**, dean, College of Arts and Sciences, Loyola University, to president, University of Scranton. . . . **Emmett B. Fields**, executive vice president, University of Houston, to president, State University of New York, Albany. . . . **William E. Davis**, president, Idaho State University, to president, University of New Mexico. . . . **Andrew Billingsley**, former vice president, Howard University, to president, Morgan State College. . . . **Mary M. Zeyen**, executive vice president, Immaculate Heart College, to vice president for academic affairs, California State University, Fullerton. . . . **Irving Shain**, vice-chancellor, University of Wisconsin, Madison, to vice president for academic affairs, University of Washington. . . . **Allan H. Clark**, professor of mathematics, Brown University, to dean, School of Science, Purdue University. . . . **Warren E. Ibele**, professor of mechanical engineering, University of Minnesota, to dean, Graduate School at the university. . . . **Thomas B. Ducker**, associate professor of surgery, Medical University of South Carolina, to chairman, neurological surgery department, University of Maryland. . . . **Charles A. White**, professor of information sciences, Illinois State University, to dean, Graduate School at the university. . . . **Glen L. Martin**, chairman, civil engineering and engineering mechanics,

Montana State University, to dean, School of Engineering, San Diego State University. . . . **John R. Zimmerman**, assistant dean, College of Science, Southern Illinois University, Carbondale, to dean, College of Sciences and Technology, East Texas State University. . . . **Richard J. McArdle**, chairman, elementary and secondary education department, University of North Florida, to dean, College of Education, Cleveland State University. . . . **L. Guy Donaruma**, dean, Graduate School, Clarkson Institute of Technology, to dean, School of Mathematics, Science and Engineering, California State University, Fullerton. . . . **Ara G. Paul**, professor of pharmacognosy, University of Michigan, to dean, College of Pharmacy, at the university. . . . **Charles L. Howell**, dean of public health and preventive dentistry, Temple University, to dean, College of Dentistry, Ohio State University. . . . **Jack E. Razor**, associate professor of physical education, University of Illinois, to dean, College of Applied Science and Technology, Illinois State University. . . . **Helen Codere**, chairman, anthropology department, Brandeis University, to dean, Graduate School of Arts and Sciences at the university. . . . **James C. Kelley**, acting chairman, geological sciences department, University of Washington, to dean of natural sciences, San Francisco State University. . . . **Robert F. Perkins**, professor of geology, Louisiana State University, to dean, Graduate School, University of Texas, Arlington. . . . **Leland J. Bellot**, acting dean, School of Humanities and Social Sciences, California State University, Fullerton, to dean of the school. . . . **Gerhard Werner**, chairman, pharmacology department, University of Pittsburgh, to dean, School of Medicine at the university. . . . **William Maxwell, Jr.**, associate dean, School of Education, North Carolina State University, to dean, School of Education, California State Uni-

versity, Fresno. . . . **Robert Smith**, chairman, family medicine department, University of North Carolina, to director, family medicine department, University of Cincinnati. . . . **Richard J. Weymouth**, professor of anatomy, Medical College of Virginia, to chairman, anatomy department, University of South Carolina. . . . **Maarten Schmidt**, executive officer for astronomy, California Institute of Technology, to chairman, physics, mathematics, and astronomy division at the institute. . . . **Joel Mandelstam**, professor of microbiology, Oxford University, England, to chairman, biology department, Washington University. . . . **G. Robert Mason**, chairman, surgery department, University of Maryland School of Medicine, to head, neurological surgery division at the medical school. . . . **John P. Conomy**, former assistant professor of medicine, Case Western Reserve University School of Medicine, to chairman, neurology department, Cleveland Clinic Foundation. . . . **Albert H. Adelman**, manager, organic and structural chemistry section, chemistry research department Battelle Columbus Laboratories, to manager, chemistry research department at the laboratories. . . . **M. A. Preston**, professor of physics and applied mathematics, McMaster University, to chairman, applied mathematics department at the university. . . . **Saul I. Gass**, former vice president, mathtech division, Mathematica, Inc., to chairman, management science and statistics department, University of Maryland. . . . **Imre Zweibel**, professor of chemical engineering, Worcester Polytechnic Institute, to head, chemical engineering department at the institute. . . . **Claes G. Rooth**, professor of physical oceanography and atmospheric science, Rosenstiel School of Marine and Atmospheric Science, University of Miami, to chairman, physical oceanography division at the school.