

AIP AND SOCIETY ACTIVITIES

New AIP Affiliated Society

The newly established American Institute of Aeronautics and Astronautics has become an Affiliated Society of the American Institute of Physics, bringing to twelve the number of organizations that are thus associated with the AIP. The 36 000-member AIAA was formed this past winter through the merger of the American Rocket Society with the Institute of the Aerospace Sciences. The resulting organization is a single, integrated body representing the aerospace profession.

Both the ARS and the IAS were founded in the early 1930's in New York City, the former as the American Interplanetary Society and the latter as the Institute of the Aeronautical Sciences. In 1934, the Interplanetary Society changed its name to the American Rocket Society; the IAS did not become known as the Institute of the Aerospace Sciences until 1960.

The first president of the new society is William H. Pickering, president of the ARS in 1962 and director of the Jet Propulsion Laboratory of the California Institute of Technology in Pasadena. Martin Summerfield of Princeton University is vice president for publications; Harold T. Lusk of Lockheed's Space Programs Division is vice president for technical activities; and Charles Tilgner, Jr., of the Grumman Aircraft Engineering Corporation is vice president for section affairs. S. Paul Johnston, formerly director of the IAS, is the executive secretary of the new AIAA, and James J. Harford, former ARS director, is deputy executive secretary. The treasurer is R. Dixon Speas.

The archival journals of the two antecedent societies, the *ARS Journal* and the *Journal of the Aerospace Sciences*, will be combined into a single *AIAA Journal*, and the monthly magazines, *Astronautics* and *Aerospace Engineering*, will be merged into a systems-engineering magazine to be known as *Astronautics and Aeronautics*. In addition, a student magazine, the *AIAA Student News Reporter*, will be published twice a year. The (ARS) *Russian Supplement* and the (IAS) *International Aerospace Abstracts* will be continued. The AIAA has offices in New York at 500 Fifth Avenue and at 2 East 64 Street, and in Los Angeles at 7660 Beverly Boulevard.

In addition to the AIAA, the following organizations are now Affiliated Societies of the American Institute of Physics: The American Society for Metals, The Cleveland Physics Society, The Electron Microscope Society of America, The Foundation for Instrumentation Education & Research, The Geological Society of America, The Philosophical Society of Washington, The Physical Society of Pittsburgh, The Physics Club of Chicago, The Physics Club of the Lehigh Valley, The Physics Club of Philadelphia, and Sigma Pi Sigma.

Regional Counselors

Six new regional counselors have recently been appointed to serve in the Regional Counselor Program of the American Association of Physics Teachers and the American Institute of Physics. They include Ulrich Bents of the University of Arizona; Donald H. Loughridge of the Aerospace Corporation in Los Angeles; Herbert I. Fusfeld of the American Machine & Foundry Co., Springdale, Conn.; Robert H. Osborn of the Hercules Powder Co., Wilmington, Del.; Iwao Miyake of the University of Hawaii; and Frederick H. Giles of the University of South Carolina.

Officers

Lists of officers for this year have been announced by the Fluid Dynamics Division of the American Physical Society, by the Southeastern Section of the APS, and by three of the Affiliated Societies of the AIP, the Geological Society of America, the American Society for Metals, and the Physics Club of the Lehigh Valley.

Officers for the APS Division of Fluid Dynamics are Harold Grad (New York University), *chairman*; Wayland C. Griffith (Lockheed Missiles & Space Division), *vice chairman*; and Raymond J. Emrich (Lehigh University), *secretary-treasurer*. Other members of the Division's Executive Committee include Stanley Corrin (Johns Hopkins University), John Laufer (California Institute of Technology), Carl Eckart (University of California at La Jolla), and François N. Frenkiel (David Taylor Model Basin).

The officers for the Southeastern Section of the American Physical Society are Frank Hereford (University of Virginia), *chairman*; Louis D. Roberts (Oak Ridge National Laboratory), *vice chairman*; Howard Carr (Auburn University), *secretary*; and Myron McCay (University of Chattanooga), *treasurer*. Members of the Section's executive committee include Ingram Bloch (Vanderbilt University), Max Goodrich (Louisiana State University), Lewis W. Cochran (University of Kentucky), Arthur Snell (Oak Ridge National Laboratory), and Alvin H. Nielsen (University of Tennessee).

Officers of the Geological Society of America are Harry H. Hess (Princeton University), *president*; Francis Birch (Harvard University), *vice president*; Joe Webb Peoples (Wesleyan University), *secretary*; and J. Edward Hoffmeister (University of Rochester), *treasurer*. GSA councilors include M. King Hubbert (Shell Development Company), Edwin B. Eckel (US Geological Survey), Eduardo J. Guzmán (Petróleos Mexicanos Gerencia de Exploración), James M. Harrison (Geological Survey of Canada), Carl Tolman (Washington University), Robert M. Garrels (Harvard

Point of View...Times 32

One thing common to RAC professional staff members is their uncommon backgrounds. This is neither a paradox nor unintentional. It is, in fact, a basic clue to much of the value of operations research, at least as it is performed at the Research Analysis Corporation. RAC is a private, nonprofit organization of more than 450 people, engaged in scientific problem-solving in a broad diversity of areas of major national decision—military, political, and economic.

There are 32 different academic backgrounds among RAC's professional staff, and thus 32 points of view to pit against the problems at hand. In a typical RAC research team, the physicist will view a problem area differently than the mathematician, the mathematician will see it differently than the economist, the economist differently than the electrical engineer, and so on. And in addition to its own members, the team can also call in professional staff members of other disciplines to view any special or

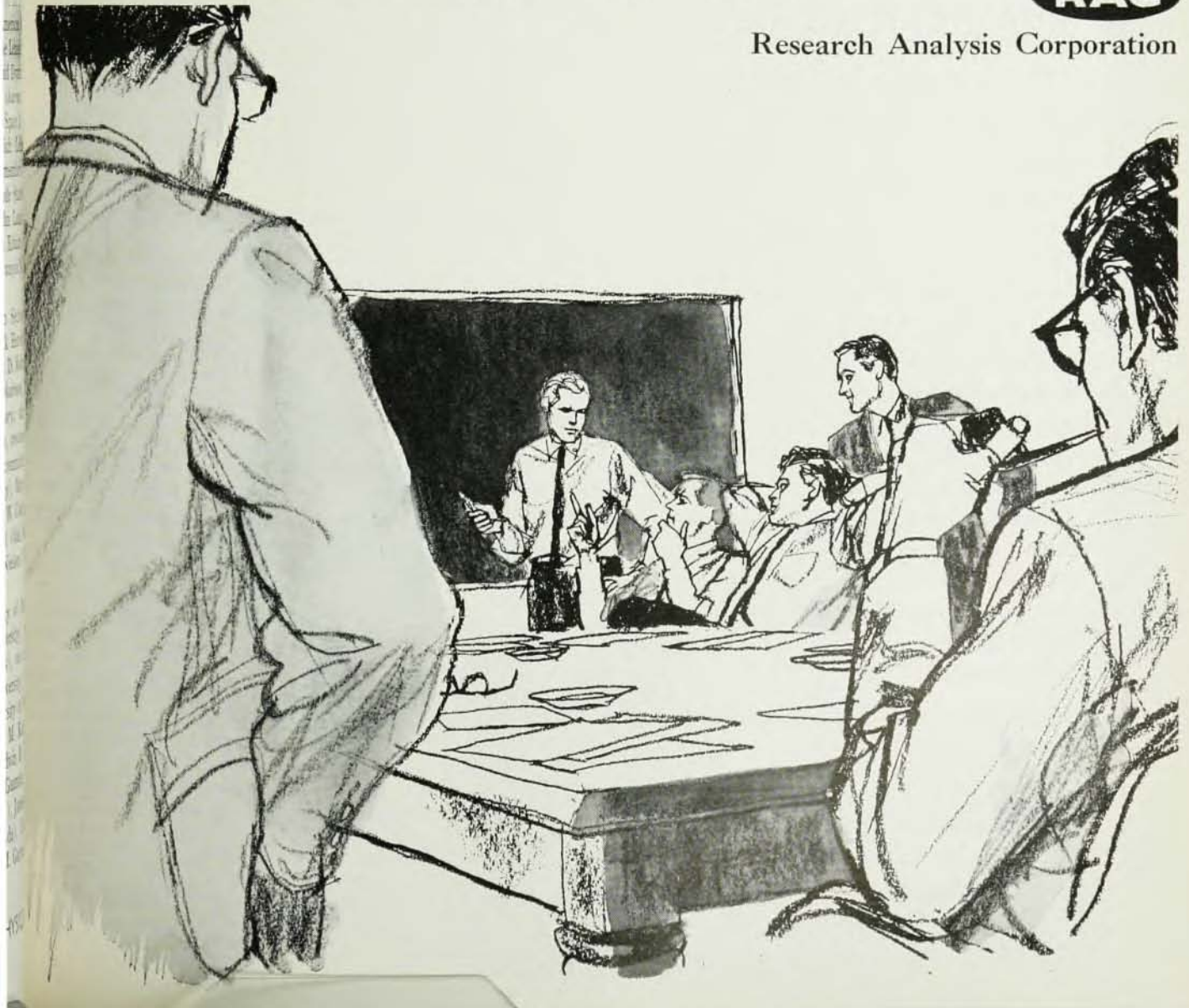
unusual aspects of the problem.

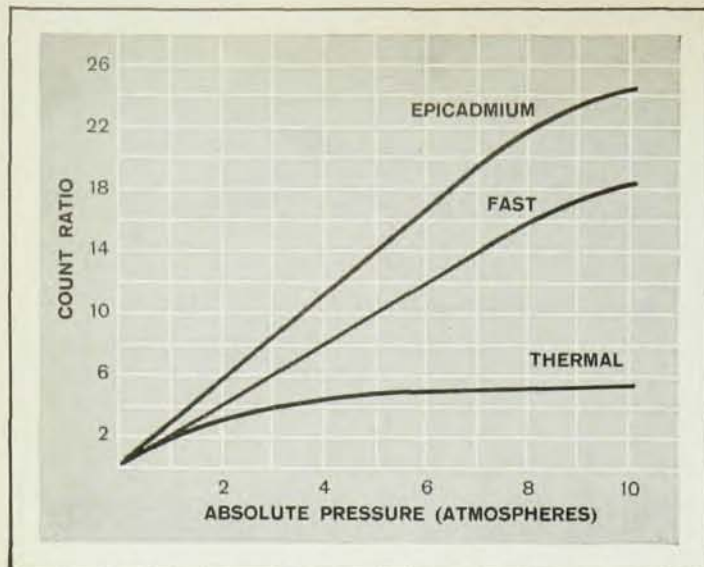
The sum total of all these efforts and viewpoints will be a rounded solution, a solution-in-depth, taking the entire problem into consideration, overlooking nothing.

If you hold an advanced degree in mathematics, statistics, a physical science, economics, or engineering, we invite you to consider the fascination and challenge of mixed-team problem-solving . . . and a career at RAC. This is exciting, vital work, stimulating you to function at the peak of your capabilities and carrying the probability of rapid personal and professional advancement. The compensation is fully commensurate with the importance of your assignments. Please send your resume to Mr. John G. Burke, Professional Staffing, Research Analysis Corporation, 6935 Arlington Road, Bethesda 14, Maryland. (Residential suburb of Washington, D. C.) An equal opportunity employer.



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University), Konrad B. Krauskopf (Stanford University), William C. Krumbein (Northwestern University), Grover E. Murray (Louisiana State University), Samuel P. Ellison, Jr. (University of Texas), Herbert E. Hawkes, Jr. (University of California at Berkeley), John Rodgers (Yale University), and John T. Rouse (Mobil Oil Company).

Officers of the American Society for Metals are Robert J. Raudebaugh (International Nickel Company), *president*; Merrill A. Scheil (A. L. Smith Company), *vice president*; Stewart G. Fletcher (Latrobe Steel Company), *secretary*; Joseph G. Jackson (patent lawyer), *treasurer*; and Allen Ray Putnam (ASM), *managing director*. ASM trustees include Carl E. Swartz (consultant), John A. Fellows (Mallinckrodt Chemical Works), John W. Sweet (The Boeing Company), Robert F. Thomson (General Motors Corporation), and A. R. Troiano (Case Institute of Technology).

The officers of the Physics Club of the Lehigh Valley are Raymond B. Sawyer (Lehigh University), *president*; Walter Glass (Cedar Crest College), *vice president*; and D. Gordon Brubaker (The New Jersey Zinc Company), *secretary-treasurer*.

AIP Student Sections

Cash awards amounting to a total of more than \$1500 have been received by six Student Sections of the American Institute of Physics in the first competition for grants in support of specific local activities of Student Sections. The awards, made possible by the Bendix Corporation, were given to AIP Student Sections at the following schools:

University of Richmond (\$155 for an investigation of the radiation emitted in the decay of Cl^{36})

St. Procopius College (\$80 for a study of the Pound-Knight system for detecting nuclear magnetic resonances)

Providence College (\$350 for studies with a radio-frequency plasma torch)

Fairleigh Dickinson University (\$400 for the development of new, efficient transmission filters for the far infrared wavelength region)

St. Lawrence University (\$350 for determination of radio-activity in fallout)

University of Maryland (\$250 for a proposal to build a radio telescope)

In addition to the above awards, honorable mention was given to Sections at Hartwick College, Iowa State University, Johns Hopkins University, and Manchester College.

Sigma Pi Sigma

A new chapter of Sigma Pi Sigma has been installed at Rensselaer Polytechnic Institute in Troy, N. Y., making it the 109th to be chartered by the national physics honor society. Walter Eppenstein, associate professor of physics at RPI, will serve as the faculty advisor to the chapter, which has a total of 43 charter members.

PHYSICS TODAY