

GENERAL SCIENCE

Scientists For Johnson

Among the Scientists and Engineers for Johnson organizing to speak out on science-related issues during the U.S. presidential campaign is Dr. George Kistiakowsky.

► CONSPICUOUS among organizers of a new group called the Scientists and Engineers for Johnson are two of former President Eisenhower's close associates—his science advisor, Dr. George Kistiakowsky, and his heart specialist, Dr. Paul Dudley White.

The group intends to "stimulate the involvement in active politics of scientists and engineers across the country."

Informed of the new group, officials of Citizens for Goldwater-Miller told SCIENCE SERVICE they expect the formation soon of a group of scientists backing their candidates. They would not say, however, who the scientists would be or whether they would match the prestige of the group backing Johnson.

Others in the Johnson group include Dr. Jerome Wiesner, science advisor to the late President Kennedy and now dean of science at Massachusetts Institute of Technology; Dr. Kelly Johnson, vice president of Lockheed Aircraft Corporation and designer of the A-11 aircraft, and Dr. Katharine McBride, president of Bryn Mawr College.

The organizing group also includes: Dr. Luis W. Alvarez, professor of physics, University of California; Dr. Detlev W. Bronk, president of the Rockefeller Institute for Medical Research; Dr. Harrison S. Brown, professor of geochemistry, California Institute of Technology; Dr. Owen Chamberlain, professor of physics, University of California; Dr. Kenneth B. Clark, professor of psychology, City College of New York; Dr. Rufus Clements, president, University of Atlanta; Dr. W. Montague Cobb, professor of anatomy, Howard University; Dr. Michael E. De Bakey, professor of surgery, Baylor University; Dr. Sidney Farber, founder and scientific director, Children's Cancer Research Foundation; Dr. Buckminster Fuller, chairman of board, Fuller Research Foundation; Dr. Michael Ference Jr., research executive, Dearborn, Mich.; Gen. James M. Gavin, U.S. Army Ret., president, Arthur D. Little, Inc.; Dr. Peter C. Goldmark, vice president, engineering, Columbia Broadcasting System; William J. Halligan, chairman of board, Hallicrafters Company; Dr. Milton Harris, vice president, Gillette Corporation; Richard E. Horner, vice president, Northrop Corporation; Dan A. Kimball, chairman of board, Aerojet-General Corporation; Dr. Polykarp Kusch, professor of physics, Columbia University; Dr. Charles C. Lauritsen, professor of physics emeritus, California Institute of Technology; Dr. Russell Z. Lee, president, Palo Alto Medical Research Foundation; Dr. George A. Miller, professor of psychology, Harvard University; Dr. Clark B. Millikan, director, Guggenheim Aeronautics Laboratory, California Institute of Technology;

Dr. Samuel M. Nabrit, president, Texas Southern University; Dr. William A. Nierenberg, professor of physics, University of California; Dr. Gerard Piel, editor and publisher, Scientific American; Dr. Emanuel R. Piore, vice president, International Business Machines Corporation; Dr. Kenneth S. Pitzer, president, Rice University; Admiral W. F. Raborn, U.S. Navy Ret., vice president, Aerojet-General Corporation; Dr. Roger Revelle, director, Scripps Institution of Oceanography, University of California; John H. Rubel, vice president, Litton Industries; Dr. Chauncey Starr, vice president, North American Aviation, Inc., president, Atomics International; Dr. Helen B. Taussig, professor of pediatrics, Johns Hopkins University; George S. Trimble Jr., vice president, The Martin Company; Ralph W. Tyler, director, Center for Advanced Study in the Behavioral Sciences; Dr. Harold C. Urey, professor of chemistry-at-large, University of California; Dr. Warren Weaver, past president, American Association for the Advancement of Science; and Dr. Vladimir K. Zworykin, honorary vice president, Radio Corporation of America Laboratories.

About 30 local chapters will be set up. Members plan to speak out on science-related issues throughout the campaign.

The group has announced it will support the following:

"A balanced and rational defense policy; arms limitations consistent with the national security; continued advancement in medical and other scientific research areas; uninterrupted growth in the number and quality of educational opportunities available to all citizens; expanded federal action on the application of science and technology to the social and economic problems of our time; continued progress in space exploration; unqualified enforcement of the Civil Rights Act; and rejection of extremism under any guise."

The national headquarters staff is located at 1106 Conn. Ave., N.W., Washington, D.C.

• Science News Letter, 86:143 August 29, 1964

It is estimated that man's technical knowledge in 1750 doubled by 1900, again by 1950, again by 1960, and will probably double again by 1967.

Doctors Trim 2 Inches Off Flabby Waists!

German doctors at the famous Max-Planck Institute have discovered an instant-workout method that reduces waistlines in 30 days. Called "Isometric Contractions," one 60-second daily workout reduces waistline 2 inches—fast. 10 simple exercises can put the whole family in shape fast. No sweat, strain or tiring repetition. Acclaimed internationally by physiologists, coaches, athletes. Results guaranteed. Free, illustrated information. Write **AWARD-WINNING ISOMETRIC Minute Home-Gym, Inc.**, Dept. A, 37 Centuck Station, Yonkers, N. Y. 10710.

TECHNOLOGY

MHD Research Machine To Test Space Generator

► A DEVICE that can test how generators using an electrically conducting gas can create electricity in space has been developed.

The machine, which combines a magneto-hydro-dynamics (MHD) generator and MHD "motor" in a closed, self-contained loop, is the first of its type to operate without moving parts of any kind. It was developed by the Westinghouse Research Laboratories in Pittsburgh.

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TECHNOLOGY


Machinery for Disabled Run by Human Breath

► A TOTALLY DISABLED PATIENT can answer a telephone, adjust a TV set or type up to 100 words a minute by breathing lightly in and out.

With the aid of a mouth-actuated control switch the patient uses a kind of Morse code-by-breath by adjusting his breathing to create electrical pulses which he hears as clicks. The switch, called "Possum" (Patient-Operated Selector Mechanism), developed at Stoke Mandeville Hospital, Aylesbury, England, generates the pulses to control equipment.

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