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the title listed above.



UNIVERSITY OF MISSOURI

Environmental Trace Substances Research Center

Route 3
Columbia, Missouri 65201
Telephone (314) 445-8595

November 26, 1984

Dr. Alvin L. Young
Senior Policy Analyst for the Life Sciences
Office of Science and Technology Policy
Room 5005, New Executive Office Building
Washington, D.C. 20506

Dear Al:

Enclosed is the copy of my curriculum vitae which you requested.

Please keep in mind the possibility of arranging one of the NATO meetings in tandem with the SETAC meeting in St. Louis next November. We expect to cooperate with the local chairmen in setting up visits to Times Beach and other contaminated areas, and hope to make it a worthwhile experience.

With best personal regards,

Sincerely,

A handwritten signature in cursive script, appearing to read 'Armon'.

Armon F. Yanders
Director

AFY:mp

Enclosure

COLUMBIA KANSAS CITY ROLLA ST. LOUIS

STAFF RESUME
ENVIRONMENTAL TRACE SUBSTANCES RESEARCH CENTER
UNIVERSITY OF MISSOURI

ARMON FREDERICK YANDERS

Director

BORN:

Lincoln, Nebraska
April 12, 1928

EDUCATION:

<u>Institution</u>	<u>Degree</u>	<u>Date</u>
Nebraska State College, Peru	A.B., Biology	1948
University of Nebraska, Lincoln	M.S., Zoology	1950
University of Nebraska, Lincoln	Ph.D., Zoology (Genetics)	1953

EXPERIENCE:

Director, Environmental Trace Substances Research Center (1983 to present) and Sinclair Comparative Medicine Research Farm (1984 to present), University of Missouri, Columbia, Missouri.

Professor, Biological Sciences, University of Missouri, Columbia, Missouri, 1969 to present.

Dean of Faculty in the College of Arts and Science, University of Missouri, Columbia, Missouri, 1969 to 1982.

Visiting Scientist, Commonwealth Scientific and Industrial Research Organization, Canberra, Australia (while on sabbatical leave), December 1966 to June 1967.

Assistant Dean, College of Natural Science, Michigan State University, 1963 to 1969.

Director, Biology Research Center, Michigan State University, 1961 to 1963.

Associate Professor to Professor of Zoology, Michigan State University, 1959 to 1969.

Associate Geneticist, Argonne National Laboratory, 1958 to 1959.

Biophysicist, U.S. Naval Radiological Defense Laboratory, San Francisco, California (while on active Naval service), 1955 to 1958.

Research Associate, Oak Ridge National Laboratory and Northwestern University, 1953 to 1954.

AEC Predoctoral Fellow, University of Nebraska, 1950 to 1953.

Teaching Assistant, University of Nebraska, 1948 to 1950.

PROFESSIONAL ORGANIZATIONS:

American Association for the Advancement of Science (Fellow), American Association of University Professors, American Society of Zoologists, American Society of Naturalists, Environmental Mutagen Society, Genetics Society of America, Radiation Research Society, Sigma Xi, Society for the Study of Evolution.

MILITARY SERVICE:

U.S. Naval Reserve. Active duty 1954-58. I continue to be active in the Ready Reserve and hold a commission as Captain in the Medical Service Corps, USNR.

OTHER:

Served 1964-1977 in various capacities in the Argonne Universities Association (Trustee, Chairman of the Board Committee for Biology and Medicine, Chairman of the Board Committee on Education, Vice President, President, and Chairman of the Board of Trustees), and its predecessor, The Associated Midwest Universities (Trustee and Vice President).

Recipient of Robert W. Martin Award of the Missouri State Conference of the American Association of University Professors, "In Recognition of Outstanding Contribution to Academic Freedom," 1971.

Member of Board of Directors, United Way of Columbia, Missouri, 1971-75.

Member of Board of Directors, Council of Colleges of Arts and Sciences, 1980-1982.

Member of Missouri State Dioxin Advisory Committee, 1984-.

ADDRESSES:

<u>Business</u>	<u>Home</u>
University of Missouri ETSRC/SCMRF Route #3, Sinclair Road Columbia, Missouri 65203 Phone 314-445-8595	2405 Ridgefield Road Columbia, Missouri 65201 Phone 314-445-2885

PUBLICATIONS:

Lower, W.R., Yanders, A.F., Marrero, T.R., Underbrink, A.G., Drobney, V.K. and Collins, M.D. Mutagenicity of bottom sediment from a water reservoir. *Environmental Toxicology and Chemistry* 4, 1985 (in press).

Lower, W.R., Thompson, W.A., Drobney, V.K. and Yanders, A.F. Mutagenicity in the vicinity of a lead smelter. *Teratogenesis, Carcinogenesis, and Mutagenesis*, 3:231, 1983.

Miklos, G.L.G., Peacock, W.J. and Yanders, A. Multiple meiotic drive systems in the *Drosophila melanogaster* male. *Genetics*, 72:105, 1972.

Yanders, A., Brewen, J.G., Peacock, W.J. and Goodchild, D.J. Meiotic drive and visible polarity in *Drosophila* spermatocytes. *Genetics*, 59:245, 1968.

Yanders, A. A relationship between sex ratio and paternal age in *Drosophila*. *Genetics*, 51:481, 1965.

Yanders, A. The effects of X rays on insemination and sperm retention in *Drosophila*. *Genetics*, 49:309, 1964.

Trosko, J.E. and Yanders, A. Cold storage effect of irradiated *Drosophila* sperm. *D.I.S.*, 38:36, 1963.

Myszewski, M.E. and Yanders, A. The effects of storage upon the differential survival among sperm. *D.I.S.*, 38:35, 1963.

Yanders, A. The rate of *D. melanogaster* sperm migration in inter and intra strain matings. *D.I.S.*, 38:33, 1963.

Yanders, A. and Seaton, K. The lack of mutagenicity of caffeine in *Drosophila*. *American Naturalist*, 96:277, 1962.

Yanders, A. and Perras, J.P. Sperm length in four *Drosophila* species. *D.I.S.*, 34:112, 1960.

Yanders, A. The effect of X rays on sperm activity in *Drosophila*. *Rec. Genet. Soc. Amer.*, 28:105 (Abstract), 1959.

Yanders, A. The effect of dose rate on genetic damage from fast electrons in *Drosophila* sperm. *Radiation Research*, 10:30, 1959.

Yanders, A. The effect of dose rate on genetic damage from fast electrons in *Drosophila* sperm. *USNRDL-TR-217*, 31 March, 1958.

Yanders, A. Relative time of eclosion of *Drosophila* females heterozygous for sex-linked recessive lethals. *Amer. Nat.*, 92:189, 1958.

Yanders, A. Relative time of eclosion of *Drosophila* heterozygous for sex-linked recessive lethals. *USNRDL-TR-216*, 31 March, 1958.

Yanders, A. An influence of aging mature sperm upon X ray induction of sex-linked recessive lethals. *Rec. Genet. Soc. Amer.*, 25:667 and *Genetics*, 41:667 (Abstract), 1956.

Yanders, A. An influence of age at time of treatment on the induction of Minute effects in the sperm of Drosophila melanogaster. Rec. Genet. Soc. Amer., 23:75 (Abstract), 1954.

Mickey, G.H. and Yanders, A. The production of dominant Minutes in Drosophila sperm irradiated with X rays, gamma rays, and fast neutrons. Rec. Genet. Soc. Amer., 25:56 (Abstract), 1954.

Yanders, A. X-ray induced dominant lethals in Drosophila robusta. Genetics, 39:558, 1954.

Mickey, G.H. and Yanders, A. Comparison of rates of visible mutations produced by fast neutrons and by X rays at specific loci in the third chromosome of Drosophila melanogaster. Rec. Genet. Soc. Amer., 22:86 (Abstract), 1953.

Yanders, A. Preparation of salivary chromosome smears for phase microscopy. D.I.S., 26:134, 1952.

Yanders, A. The effect of age of male on X ray induced dominant lethals in Drosophila robusta. D.I.S., 26:127, 1952.

Yanders, A. X-ray induced chromosome aberrations and dominant lethals in Drosophila robusta. Rec. Genet. Soc. Amer., 21:82 (Abstract), 1952.

Yanders, A. Genetic effects of X rays on Drosophila robusta. Proc. Neb. Acad. Sci., 62:10 (Abstract), 1952.

Yanders, A. Chromosome variation in local populations of two Drosophila species. Proc. Neb. Acad. Sci., 60:7 (Abstract), 1950.

THE WHITE HOUSE

WASHINGTON

December 5, 1984

Dear Dr. Ditzler:

Thank you for the opportunity to recommend individuals to serve on the Veterans Administration Advisory Committee on Environmental Hazards. I would like to suggest the following individuals for the scientific Council of the Veteran's Advisory Committee:

Armon F. Yanders, Ph.D.
Professor of Biological Sciences and Director
Environmental Trace Substances Research Center
University of Missouri
Columbia, Missouri 65201
(314) 445-8595
Area: Dioxin (Exposure/Human Risks)

Walter W. Melvin, Jr., M.D., Sc.D.
Professor of Environmental Health Sciences
Colorado State University
Fort Collins, Colorado 80523
(303) 491-6178
Area: Dioxin (Health Effects/Toxicology)

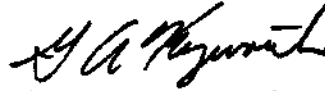
Genevieve S. Roessler, Ph.D.
Associate Professor of Health Physics
Nuclear Engineering Department
University of Florida
Gainesville, Florida 32611
(904) 378-3404
Area: Radiation (Health Effects)

I would like to recommend the following Vietnam Veteran to serve as a representative of the public and veteran community:

Mr. Gerald C. Bender, Jr.
Director, Agent Orange Information and Assistance Program
State of Minnesota
Department of Veterans Affairs
206B Veterans Service Building
St. Paul, Minnesota 55155
(612) 297-4217

Please keep me informed of the activities of the Advisory
Committee on Environmental Hazards.

Yours truly,



G. A. Keyworth
Science Advisor to the President

Dr. John W. Ditzler
Chief Medical Director
Department of Medicine and
Surgery
Veterans Administration
810 Vermont Avenue, N.W.
Washington, D.C. 20420

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF SCIENCE AND TECHNOLOGY POLICY

FROM: Harry N. Walters
Veterans Administration

DATED:
February 13, 1985

SUBJECT:

Letter thanking Dr. Keyworth for his assistance in identifying individuals to be considered for members on the Veterans Administration's Veterans' Advisory Committee on Environmental Hazards.

RECEIVED:

February 15, 1985

ACTION BY:

Executive Director/l sj

ACTION COPY TO:

NAN

INFORMATION COPIES TO:

Lynch
Young

SUSPENSE DATE:

REMARKS: FOR APPROPRIATE ACTION

Please indicate action taken below and include date of action.
If written correspondence was sent, please attach a copy.

() Written correspondence.

() Telecon.

() Action transferred to _____.

19 FEB 85

No action necessary.

Please return list for my files on this function.

() Other

Al Young



FEB 13 1985

George A. Keyworth, Ph.D.
Director
Office Of Science and Technology
Policy
Executive Office of the President
Room 3600, Old Executive Office Bldg.
Washington, D.C. 20500

Dear Dr. Keyworth:

Thank you for your assistance in identifying individuals to be considered for membership on the Veterans Administration's Veterans' Advisory Committee on Environmental Hazards. The individuals recommended had impressive qualifications, making difficult the selection process. For your information, I am enclosing a listing of the individuals who have agreed to serve on the Committee.

Sincerely,

A handwritten signature in cursive script that reads 'Harry N. Walters'.

HARRY N. WALTERS
Administrator

Enclosure

VETERANS' ADVISORY COMMITTEE
ON ENVIRONMENTAL HAZARDS

RADIATION

James V. Neel, M.D., Ph.D.
Professor of Genetics
University of Michigan
Medical School
1137 Catherine Street
Ann Arbor, Michigan 48109

Arthur C. Upton, M.D.
Institute of Environmental Medicine
New York University Medical Center
550 First Avenue
New York City, New York 10016

Edward W. Webster, Ph.D.
Department of Radiology
Massachusetts General Hospital
Boston, Massachusetts 02114

DIOXIN

James S. Taylor, M.D.
Department of Dermatology
Cleveland Clinic Foundation
Cleveland, Ohio 44106

George D. Lathrop, M.D., Ph.D.
JRB Associates
9901 Interstate 10 West
San Antonio, Texas 78230

Walter Melvin, M.D.
Professor of Environmental
Health Sciences
Colorado State University
Fort Collins, Colorado 80523

GENERALISTS

Michael Bender, M.D.
Brookhaven National Laboratory
Building 490
Upton
Long Island, New York 11973

2.

Leonard T. Kurland, M.D., Dr. P.H.
Department of Medical Statistics
and Epidemiology
Mayo Clinic
Rochester, Minnesota 55905

Theodore Colton, Sc.D.
Professor of Public Health
Boston University School
of Public Health
80 East Concord Street
Boston, Massachusetts 02118

Warren K. Sinclair, Ph.D.
President
National Council on Radiation
Protection and Measurements
7910 Woodmont Avenue
Bethesda, Maryland 20814

Armon F. Yanders, Ph.D.
Professor of Biological Sciences
and Director, Environmental Trace
Substances Research Center
University of Missouri
Columbia, Missouri 65201

LAY MEMBERS

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Route 1, Box 173
Godley, Texas 76044

Mr. Gerald C. Bender, Jr.
1230 5th Street, N.E.
Minneapolis, Minnesota 55413

Col. Eileen M. Bonner
1 Constitution Avenue, N.E.
Washington, D.C. 20002

Honorable Michael D. Zimmerman
Supreme Court of Utah
Room 332
State Capitol Building
Salt Lake City, Utah 84114