

- 2/92-Present **COLUMBIA COLLEGE**, Chicago, Illinois
 -- Instructor in Animal Behavior and Ecology
 -- Instructor in Human Involvement in the Environment
 -- Instructor in Oceanography and The Marine Environment
 -- Instructor in Blue Print for Life "Genetics"
- 6/85-Present **OAKTON COMMUNITY COLLEGE**, Des Plaines, Illinois
 ADJUNCT PROFESSOR
 -- Environmental Science
 -- Life Science
 -- Chemistry for non-science students (1985)
- 1987-1995 Did interview and discussion shows entitled, "Health Effects of Living in a
 Modern Environment" at Oakton Community College
- 8/94-6/2007 **TRUMAN COMMUNITY COLLEGE**, Chicago, Illinois
 -- Instructor in Medical Terminology
 -- Instructor in General Biology
 -- Instructor in Environmental Science
- 9/98-6/2007 -- **RICHARD J. DALEY COLLEGE, Chicago, Illinois**
 Instructor in Biology
- 8/85-12/85 **HAMPDEN-SYDNEY COLLEGE**, Hampden-Sydney, Virginia
 Visiting lecturer in environmental biology
- 4/82-5/82 **MONTGOMERY COMMUNITY COLLEGE**, Rockville, Maryland
 ADJUNCT PROFESSOR
 -- Developed a five-week continuing education course entitled "Marine Life
 of Chesapeake Bay." Syllabus included a survey of marine life found in
 Chesapeake Bay; effects of man's activities on the bay and the problems
 and possible solutions.
- 9/80-6/81 **CHESAPEAKE COLLEGE**, Wye Mills, Maryland
 ADJUNCT PROFESSOR
 -- Developed a ten-week continuing education class entitled "Chesapeake
 Bay Marine Life." Syllabus included a survey of marine life in
 Chesapeake Bay and the effects of man's activities on the bay as well as
 possible solutions to its pollution.

ENVIRONMENTAL TECHNOLOGIST IN ASBESTOS MONITORING;

- 2017-present** **CARNOW CONIBEAR, 600 W, Van Buren St,Suite 500 Chicago,IL**
60607
- 6/93-2017 **WIGHT AND COMPANY**, 2500 N. Frontage Rd, Darien, Il 60561-1511

- 4/90-9/93 **ALEX, INC.** , Frankfort, Illinois
ENVIRONMENTAL TECHNOLOGIST
- 3/88-6/90 **ANASBESTICS COMPANY**, Bridgeview, Illinois
- 5/86-6/87 **INSTITUTE FOR RESOURCE MANAGEMENT**, Arnold, Maryland
CONSULTANT/INDUSTRIAL HYGIENIST
- Instituted a chemistry laboratory and tested newly acquired equipment
 - Monitored asbestos abatement projects and counted asbestos fibers using the P and CAM Method

CONSULTANT: HAZARDOUS WASTE MANAGEMENT

- 12/84-12/2005 **PEOPLE FOR COMMUNITY RECOVERY**, Chicago, Illinois
TECHNICAL ADVISOR
- Provided technical leadership on hazardous waste issues
- 9/80-5/82 **ANNE ARUDEL COMMUNITY COLLEGE**, Arnold, Maryland
CONSULTANT TO THE ENVIRONMENTAL CENTER
- Analyzed water samples from local problematic areas, identifying phytoplankton and zooplankton
 - Investigated fish kills and worked on other issues and problems
- 4/83-3/84 **ASSOCIATION OF TOWNS FOR ENVIRONMENTAL PROTECTION**,
Hadera, Israel
COORDINATOR FOR WASTE MANAGEMENT
- Analyzed local industries to identify problems associated with sewage disposal; conducted sampling and chemical analysis of industrial effluents; and researched technical literature relating to sewage treatment and sludge disposal.
- 6/81-6/82 **BALTIMORE ENVIRONMENTAL CENTER**, Baltimore, Maryland
RESEARCH DIRECTOR
- Directed the mapping of hazardous waste sources and treatment facilities located in the Baltimore area; conducted on-site visits to both generators and disposal facilities; studied alternative methods (other than landfilling) of hazardous waste disposal.
 - Prepared fact sheets on specific hazardous wastes, identifying how each is generated, how it is transported, and its ultimate disposal.
 - Set-up and directed a reference library on hazardous waste production and disposal.
- 3/80-8/80 **GEOMET TECHNOLOGIES, INC.**, Rockville, Maryland
CRITERIA DOCUMENT MANAGER
- Developed a NIOSH document identifying occupational hazards in the dying and finishing industry and coordinated the review of the document by federal agencies and external consultants; included in the document

- were bioeffects, measurement techniques, occupational exposure levels as well as the methods used for limiting exposure.
- Participated in on-site visits to view typical exposure situations.
- 8/79-3/80 **ENVIRO-CONTROL, INC.**, Rockville, Maryland
STAFF SCIENTISTS
- Wrote technical evaluations of published and unpublished pesticide research; synthesized this information into environmental fate profiles for each pesticide.
- 10/76-7/79 **TECHNASSOCIATES, INC.**, Washington, D.C.
SCIENTIFIC REVIEWER AND SCIENTIST/CHEMIST
- As scientific reviewer for a Food and Drug Administration contract, reviewed food additive petitions for efficacy data, test procedures, toxicological test information, and the translation of this data into a computer readable format.
 - As scientist/chemist for an EPA pesticide contract which included biological and chemical data on pesticides, efficacy data, test procedures and results, environmental chemistry data and toxicological test information and the translation of this data into a computer readable format.
- 10/75-9/76 **CHESAPEAKE BIOLOGICAL LABORATORY**, Solomons, Maryland
SENIOR FACULTY RESEARCH ASSISTANT
- Studied the lethal and sub-lethal effects of chlorine-produced-oxidants (CPO's) on various species of estuarine phytoplankton found in the Chesapeake Bay.
 - Designed apparatus that allowed chlorinated water to come in contact with the phytoplankton; measured the effects of CPO's by LC50's, growth enhancement or inhibition and by morphological variation.
- 10/74-2/75 **TEXAS INSTRUMENTS, INC.**, Buchanan, New York
FISH BIOLOGIST
- Conducted sampling and classification of fish that were impinged on the water-intake screens of the Con Edison Indian Point Nuclear Power Plant, checked them for parasites, made growth determinations, and population studies and fish culturing.
 - Analyzed Hudson River water and identified benthic organisms.
- 2/72-6/73 **NEWING LABORATORIES**, Islip, New York
WATER BIOLOGIST
- Conducted sampling and chemical analysis of well water at newly built homes, collecting sewage, performing algal analysis, and measuring coliform organisms by the MPN method.
- 10/68-12/71 **KINNERET LIMNOLOGICAL LABORATORY**, Tiberias, Israel
RESEARCH ASSISTANT
- Performed duties that included identifying algal species of Lake Kinneret, studying effects of algae on water quality, culturing algae, chlorophyll analysis, encystation studies on the major bloom organism, *Peridinium westii*, water and mud sampling, current and other physical measurements.

-- Served as crew on the research vessel.

OTHER SCHOLASTIC ACTIVITIES

Reviewer of chapters for new editions of biology and environmental books from major book publishers.

GUEST SPEAKER

- 10/89 **PRESENTER:** "Health Effects of a Community Living Near A Hazardous Waste Landfill" presented at the annual meeting of the American Academy of Environmental Medicine held in Atlanta, Georgia.
- 7/16/85 **TV GUEST on "Today in Chicago"** Channel 5 (WMAQ-TV) on the topic of "Hazardous Waste in the Chicago Area."
- 2/85 **RADIO GUEST SPEAKER** on the Studs Terkel Program WFMT Chicago, dealing with water pollution in the Chicago area.
- 1981-1982 **MODERATOR** for half-hour cable TV program called "Free Forum" dealing with problems of hazardous wastes in the Baltimore area.
- 5/76 **PRESENTER** of "Effects of Residual Levels of Chlorine on four Species Of Estuarine Phytoplankton" at the spring meeting of the Atlantic Estuarine Research Society, Rehoboth, Delaware.
- 8/73 **PRESENTER** of "The Phytoplankton Community of Lake Kinneret" at the annual meeting of the American Institute of Biological Science (AIBS), University of Massachusetts, Amherst, Massachusetts.
- 1975-Present **LECTURER** to civic and school groups on various aspects of pollution. A brief list of organizations where I lectured are given below:
- Hampden-Sydney, Virginia
 - Oakton Community College, Des Plaines, Illinois
 - Northeastern Illinois University, Chicago, Illinois
 - Chesapeake Biological Laboratory, Solomon, Maryland
 - Anne Arundel Community College, Arnold, Maryland
 - University of Denver, Denver, Colorado
 - Emory University, Atlanta, Georgia
 - Harper Community College, Palatine, Illinois
 - Michael Reese Hospital, Chicago, Illinois
 - Rotary Club, Park Ridge, Illinois
 - Rotary Club, Hillside, Illinois
 - Exchange Club, Farmville, Virginia
 - Lions Club, Fairfield, Connecticut
 - Sierra Club, Chicago, Illinois
 - World Federalist Association, Chicago, Illinois

-- Ethical Humanist Society of Greater Chicago

PUBLICATIONS

The Earth Is My Patient (2005) Authorhouse Publishers

***Prognosis Disaster: The Environment, Climate Change, Human Influences, Vectors, Disease and the Possible End of Humanity? By David Arieti, Jacob Nieva, Randolph Swiller and illustrated by Kevin Bley
Authorhouse Publishers 2011***

Prognosis:Disaster (How Climate Change and Disease will ruin your life)2nd Edition By David Arieti, Jacob Nieve and Randolph J. Swiller 2023

AFFILIATIONS

2021
PHYCOLOGICAL SOCIETY OF AMERICA 1972 – 1989 and again
AMERICAN ACADEMY OF ENVIRONMENTAL MEDICINE, since 1989

PERSONAL DATA

Speak and read Spanish
Speak Hebrew
Certified Scuba Diver

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