

Biographical Summary
of
Michael D. Campbell, P.G., P.H.
1941 – Updated to June, 2021

Michael D. Campbell was born and raised in Lancaster, Ohio. He attended South and then West Schools and also studied music beginning in the third grade playing the cornet and singing in the West School choir, last soloing at the city-wide *8th Grade Sing*. Under the sponsorship of Dwight Kane, Principal of West School, he was awarded an academic-sportsman scholarship to Camp Arrowhead, near Jackson, Ohio, where boys from all over the Midwest U.S. received concentrated coaching during six weeks of the summer of 1954 ([more](#)). Professional players active in the Major and Minor Baseball Leagues provided the on-site training. He also was the Camp's Bugler for Reveille, daily flag-raising ceremonies and for Evening Taps. The next year, he played baseball as shortstop for the Moose Lodge team, coached by his father, Clarence. The team won the 1955 Jr. A Baseball Championship in Lancaster ([more](#)). He was also active in the *Boy Scouts* earning Star Scout status.

In 1956, he attended Lancaster High School and graduated in the upper 20% of 341 in the Class of 1959. During those four years, he was active in the Science Club, DeMolay, Student Council, and played cornet as line/corner leader in the LHS Marching Band and as first cornet (first chair for one year) with the LHS Symphonic Orchestra. His preference was in sports at the time. He played and lettered in basketball in Jr. Varsity, and then lettered in varsity baseball twice playing shortstop after recovering from a serious injury to his arm resulting from a home-laboratory accident in 1957 while conducting studies on rocket-propulsion systems. He recovered and played in 1958; the team won the District A.A. Championship ([more](#)), and in 1959, the team won the COL Championship ([more](#)).

His early years were the best of times and the worst of times. However, expectations set by family and friends, and steady guidance by Principal Dwight Kane, chemistry teacher, Charles Kessler, by trigonometry teacher, Paul Aten, by science teacher, Paul Miller, and by Coach England (to recover from adversity), and from a number of classmates, all played significant roles in his early development. After graduation from LHS, he traveled to California to begin his college career and attended San Bernardino Valley College for a year where he became interested in the fields of astronomy and geology. The next year he transferred to The Ohio State University and majored in geology and hydrogeology.

During the early 1960s, he worked his way through Ohio State by working during summers and off-quarters at Anchor Hocking (during which he was invited to play shortstop for AH's industrial softball team that won the league championship ([more](#))). Later, he was employed by the U.S. Post Office in Columbus, Ohio, and by Diamond Power, and Diamond Electronics, the latter of which under the guidance of Ralph Matthews, Executive Vice-President, who was instrumental in the development of early radio, and support of Jack Meyers, Marketing Manager, and John Anderson, Applications Engineer, and others on the staff at Diamond Electronics. Grants and loans from the United Methodist Church and the Masonic Lodge were especially helpful during the early, bumpy, and difficult years of college.

After graduation from OSU, he began his professional career and with his growing family he traveled to Australia (Sydney) where he was employed by Conoco's mining group and traveled extensively in Australia and Southeast Asia conducting mineral exploration and other investigations. After a tour of 4 years, he returned to the U.S. and worked in Wyoming, Colorado, and Ohio in the late 1960's and early 1970's for Conoco, Teton Exploration (United Nuclear, Inc.), and National Water Well Association's Research Facility in Columbus, Ohio, the latter of which as Founder and Director of Research, during which he produced two books and numerous professional papers.

In 1973, he was awarded the prestigious Mills Bennet Fellowship for [graduate school](#) at Rice University in Houston, Texas. During his tenure at Rice, he also served concurrently as Director of Research of the NWWA Research Facility with offices at Rice where he managed a staff of six conducting research on groundwater ([more](#)) for the U.S. EPA and other federal agencies. In 1976, he graduated from Rice University with a Master's degree in geology and geophysics, during which he also produced a number of papers and a book on energy resources ([more](#)). Also in 1976, he was awarded the *Martha Kinney Cooper Ohioana Library Award* ([more](#)) for his book published by the McGraw Hill ([more](#)), with sales of more than 40,000 copies worldwide, the first such award presented to a native of Fairfield County, Ohio.

Over the years since graduation from Rice, he has become well known nationally and overseas for his work as a technical leader in the geosciences, as a senior program manager, consultant and lecturer in hydrogeology, mining, and associated environmental and geotechnical fields during the early EPA projects that formed the foundation of later environmental programs throughout the U.S. Since then, he has progressed through the professional ranks from staff positions to senior management positions as Principal and Corporate Consultant status in geology and

hydrogeology with environmental and engineering consulting companies, mining companies and the chemical industry. As a result, he has been listed since the early 1970s in various editions of *Who's Who in the South*, *Who's Who in America*, *American Men and Women in Science*, and *Who's Who in Technology* ([more](#)).

He and his wife of more than 44 years, Mary Margaret, raised five children, two sons and three daughters, all of whom are now college graduates with one or more degrees from such institutions as: Texas A&M University in Geology; University of Texas Medical School, graduating with distinction, and internship and fellowship at Johns Hopkins University in Radiology; Sarah Lawrence College, New York in Liberal Arts; Antioch College, California in Liberal Arts and Education; and from the University of Houston, Houston, Texas in Italian and Art History, graduating *magna cum laude*.

Mr. Campbell was licensed as a Professional Geologist in the States of Texas, Wyoming, Alaska, Mississippi, and Washington, licensed as a Professional Hydrogeologist in the State of Washington, and holds national professional certifications in geology and hydrogeology. He has gained a wide range of interdisciplinary experience in business and technical management in the environmental (regulatory, geological, and hydrogeological) and mining fields (mineral exploration, mine development and related dewatering and environmental permitting) spanning five decades, many of which involving environmental issues surrounding oil and gas exploration, production, and distribution.

He has traveled extensively throughout the world to such places as Australia, India, Sri Lanka, Tanzania, Zambia, South Africa, Sudan, Sweden, Japan, Palau, and other countries on projects for the United Nations and UNESCO for developing or improving groundwater supplies and for developing other natural resources.

He has published widely, including three technical books, hundreds of technical papers and reports, and has served on numerous technical society committees and on the editorial boards of a number of prestigious scientific journals ([more](#)). During the 1990s, Mr. Campbell served as Technical Manager (and Chief Hydrogeologist) for Law Engineering, LLC and for DuPont's Central Region. Then later, he served as Principal Instructor for the *Institute of Environmental Technology* to train professionals ([more](#)), and as Principal Hydrogeologist for the *Environmental Litigation Associates*, as well as in private practice in a father-and-son team managing a variety of geoscience projects and litigation cases as an expert witness.

He was elected a Fellow in the Geological Society of America and presented the lead-off paper in April, 2004 at a major conference held in Chicago on geosciences in environmental litigation. That year he was also elected to the Lancaster High School Hall of Fame ([more](#)). Mr. Campbell was elected Vice President-Eastern Texas of the Texas Chapter of the American Institute of Professional Geologists (AIPG). Also in 2004, he was appointed as Chairman of the AAPG Energy Minerals Division's Uranium (Nuclear & REE) Committee ([more](#)) producing numerous reports, e.g., (to [2021](#)). In 2007, Mr. Campbell was awarded the *Hazelton Alabama Golf Trust Trophy* for outstanding play ([more](#)). Over the following years, he was elected a Fellow in the Society of Economic Geologists (SEG), a Fellow in the Australian Institute of Geoscientists, a Fellow and Chartered Member in the Geological Society of London and was certified as a Registered Member of the Society of Mining, Metallurgy, and Exploration (SME).

In 2010, he was elected President of Energy Minerals Division (of the AAPG). Also, he, his son, and his associates in 2013 produced the final Chapter 9 in the AAPG Memoir 101 entitled "Energy Resources for Human Settlement in the Solar System and Earth's Future in Space," ([more](#)). He continued to provide consulting services to industry and the government in the U.S. and overseas and served the legal community as an experienced expert and consulting witness on a wide range of projects in the fields of mining, environmental hydrogeology, and engineering geology. He and his partner son, David, also a graduate of Lancaster High School (1983) and a Licensed Professional Geoscientist in Texas, have published a number of reports and papers over the years, including an invited article in a popular Chinese magazine on crisis management of groundwater supplies as well as many other publications ([more](#)).

Other noteworthy subsequent conference presentations and publications include:

1. "Sources of Rare Earth Elements in the U.S. and the World" in both PDF and *YouTube* Video ([here](#))
2. "Uranium & Nuclear Power are on the Move ... Again !" in both PDF and *YouTube* Video ([here](#))
3. "The U.S. Uranium and REE Supply Chains: A Brief Discussion," in both PDF and *YouTube* Video ([here](#))
4. "Beyond Hydrocarbons ... The Rest of the Story," in PDF ([here](#)) and *World Nuclear News* article ([here](#))
5. Others, see Mr. Campbell's publication list ([here](#)).

For additional chronological information, see his curriculum vitae ([more](#)). See the [I2M News](#) and [I2M Web Portal](#).

Mr. Campbell currently serves as Senior Principal and Chief Geologist/Hydrogeologist for I2M Consulting, LLC ([more](#)).