

Necrology
Fay Kenoyer Daily, Butler University

THOMAS FRANK BARTON

Long Branch, Illinois
December 3, 1905

Bloomington, Indiana
August 14, 1985

Dr. Thomas Frank Barton was a well-known geographer and geologist who taught at the Department of Geography and Geology in Southern Illinois University for 12 years and then at Indiana University, Bloomington, Indiana from 1947 to 1976 when he retired. He taught for 40 years and conducted classes from first grade to graduate level. During a stay of 2 years at the College of Education in Bangkok, Thailand, he helped establish a geography department and wrote "An Economic Geography of Thailand" stemming from that experience.

Dr. Barton was born in Long Branch, Illinois, December 3, 1905. His college education began in that state resulting in a Bachelor of Education degree from Illinois State University-Normal. He received a Ph.M. degree from the University of Wisconsin and a Ph.D. degree from the University of Nebraska.

Dr. Barton was a very versatile individual gaining recognition for several endeavors. At Indiana University, his courses were popular and he was described by a colleague "as one of the most stimulating teachers on campus." He produced more than 120 articles and 10 textbooks on geography. He discovered that children thought the subject very uninteresting when he was teaching grade schools in Illinois. To change this situation, he wrote three books which were published by the Bobbs-Merrill Company of Indianapolis, Indiana. They are the first series ever published for teaching geography to primary grade children. He was awarded the elementary geographic education prize by the National Council of Geography Teachers (1955) for the best article on teaching techniques published in the preceding 2 years in the organization's "Journal of Geography". He was editor of the journal from 1950 to 1965. Dr. Barton also edited wall maps and globes for N.J. Nystrom Company. The Distinguished Service Award was given to him by the Geographic Society of Chicago. For his teaching, research and writing achievements, he received from Sigma Delta Chi the prestigious Rocking Chair Award for Distinguished Service to Indiana University. He received the Distinguished Alumnus Award from Illinois State University in 1975 and a Distinguished Service Award from the National Council for Geography Education.

Another facet of Dr. Barton's activities centered on the environment and the conservation of natural resources. The impact of city dwellers moving to the countryside for non-farm purposes was considered by him as a serious threat because it spawns rural slums, disrupts the physical environment by polluting streams and using land for non-farm purposes, creates demands for services from cities without substantial recompense, results in the use of more gasoline and oil because of commuting to cities for employment.

Dr. Barton joined the Indiana Academy of Science in 1947 and was honored as Fellow in 1953. He gave many papers before the society on land use, city development, geographic recreational areas studies, and population changes. In 1952, he was

chairman of the Geology and Geography Division and member of the Executive Committee. From 1958 to 1960 he served on the Fellows Committee.

In addition to the Indiana Academy of Science, he was also a member of Phi Delta Kappa, American Society of Professional Geographers, National Council of Geography Teachers, American Geographical Society and the American Association for the Advancement of Science. He was president of the Indiana Academy of Social Sciences, Indiana State Planning Commission and the Bloomington Environmental Commission.

Dr. Thomas Frank Barton had led a very full and productive life when he died August 14, 1985, in a Bloomington, Indiana hospital.

BARRY P. BONE

Indianapolis, Indiana
January 7, 1961

Berkeley, California
April 12, 1984

Mr. Barry P. Bone was only 23 years of age when he died in California on April 12, 1984, but he had shown potential for great achievement in Biochemistry. His death creates a great loss to family, friends and society not only because of his youth and potential but because he was also an ideal husband and son.

Born January 7, 1961, in Indianapolis, Indiana, Barry attended grade school at Churchill, Hoffman Estates, Illinois; high school at Newberry in Memphis, Tennessee, and Warren Central High School, Indianapolis, Indiana. He received a B.S. degree *cum laude* at Wabash College in May, 1983. It was there that Dr. Thomas Cole through teaching and research projects greatly influenced Barry's desire to pursue research science. Barry worked two summers in research at Oak Ridge Laboratories, Oak Ridge, Tennessee, and 1 year with Dr. Cole at Wabash College. He was majoring in biochemistry at the University of California at Berkeley, California, when he died.

Mr. Bone joined the Indiana Academy of Science in 1981 as a student member while an undergraduate at Wabash College. As interests, he listed Bacteriology, Cell Biology and Chemistry. He was also past president of the Phi Gamma Delta fraternity.

His philosophy? He strove to learn, enjoy and share with others. We are indebted to Barry's mother, Mrs. Johnette Bone, for this wonderful insight into our young member's life.

ARTHUR C. BROOKLEY, JR.

Harvey, Illinois
December 17, 1927

Ventura, California
November 10, 1984

Born December 17, 1927, Mr. Arthur C. Brookley, Jr. spent his early years in Harvey, Illinois, and graduated from grade school and Thornton High School. His higher education was begun at Indiana University where he earned a B.S. degree in geology in 1952, and in 1955 he received an M.A. degree in geology. He attended the University of Southern California from 1955 to 1956 to study geology and the University of California at Los Angeles in 1966 to study oceanic engineering.

Over 20 years were spent as a geologist and paleontologist. He was manager of the United States Petroleum Company; with the Indiana Geological Survey; worked overseas for International Petroleum in Bogota, Columbia; the Iranian Oil Company in Teheran, Iran; and Esso in Tripoli, Libya. In the United States of America, he was associated with the Standard Oil Company in California; the Shell Oil Company in Los Angeles, California; with the Union Oil Company and Continental Oil Company in Ventura, California.

Mr. Brookley joined the Indiana Academy of Science in 1954 while at Indiana University in Bloomington working with the Indiana Geological Survey. He was a senior member of the Indiana Academy of Science and also a member of the American Association of Petroleum Geologists and the Geological Society of America. He was the author of articles on geology published in professional journals.

At home, Mr. Brookley was an honest and loving family man. In public, he had the opportunity in foreign lands to further the cause of peace and help make the world a better place. Arthur C. Brookley, Jr. was only 58 years old when he died November 10, 1984, at Community Hospital in Ventura, California.

WILLIAM BOONE BUNGER

Alta Vista, Kansas
February 14, 1917

Terre Haute, Indiana
November 5, 1984

Chemist, William Boone Bunker, became Professor Emeritus from Indiana State University in 1982 when he retired because of illness. He was born in Alta Vista, Kansas, February 14, 1917, but spent his early years in Topeka. He received a B.S. degree from Washburn College in 1940, an M.S. degree from Kansas State College in 1941 and a Ph.D. degree in organic chemistry also from Kansas State College in 1949.

Dr. Bunker began his professional career in industry as a chemist for the Hill Packing Company in 1939 and the Hercules Powder Company from 1941 to 1945. He turned to academic work for Kansas State College from 1947 to 1949 as an instructor, and moved from assistant to associate professor from 1949 to 1957. At Auburn University, he served as associate research professor from 1957 to 1965. In 1965, he came to Indiana to be Chairman of the Chemistry Department and to teach at Indiana State University until retirement. He still maintained an office at the university in order to continue work on the revision of a reference book. Dr. William Boone Bunker was a very effective administrator, good teacher and fair with faculty and students. His approach was dignified and reserved but flavored with a much appreciated sense of humor.

Dr. Bunker joined the Indiana Academy of Science in 1966, the year after coming to teach at Indiana State University. He was honored as Fellow in 1980. He served on the Publications Committee from 1974 to 1982 and the Bonding Committee in 1981. His research covered electrical conductivity of solutions, infra red spectrophotometry, chemical kinetics, waxes and organic solvents. His work resulted in publications in these areas, and he co-authored a solutions manual for a standard physical chemistry text as well as authoring several books on chemistry.

In addition to activity in the Indiana Academy of Science, Dr. Bunker belonged to the American Association for the Advancement of Science, and was a member of the American Chemical Society serving as chapter president and alternate counselor. He was among Outstanding Educators of America in 1971, elected to Sigma Xi and received the Blue Key Award.

Following a long illness, Dr. Bunker died in Regional Hospital, Terre Haute, Indiana, November 5, 1984, at 67 years of age.

JOHN JOSEPH DOYLE

Indianapolis, Indiana
March 13, 1898

Indianapolis Indiana
March 22, 1985

A native of Indianapolis, Indiana, born March 13, 1898, Monsignor John Joseph Doyle died in the same city March 22, 1985 at 87 years of age. He was historian and archivist for the Catholic Archdiocese of Indianapolis which position he had held since 1968.

The Right Reverend John J. Doyle attended grade school at Saint Joseph in Indianapolis and high school at Manual High School in Indianapolis and Saint Meinrad Seminary. He was ordained May 17, 1921 at Saint Meinrad. His choice to become a Roman Catholic priest was influenced by his paternal uncle who was a catholic priest, and he was impressed by the assistant priest at Saint Joseph School, Father Vincent Dwyer. He also received a Ph.D. degree in 1933 from the Catholic University of America after studying there for three years.

Monsignor Doyle began his service as assistant pastor of Saint Augustine Parish at Jeffersonville in 1921 where he stayed until 1927. He was back in Indianapolis at the Little Flower Church, Saint Thesee, from 1927 to 1930. There was time out for the work on the Ph.D. degree after which he was instructor and chaplain of Saint Mary of the Woods College (1933-1937). Marian College was established at that time where he became the first chaplain and first male faculty member. He taught sociology and philosophy and was department chairman. He endeared himself to the students for his spiritual counsel. When the men's residence hall was built in the 1960s, it was named for him because of student initiative which pleased him very much. He retired from Marian College in 1967. In 1971, he received an honorary doctorate in humane letters from the college. There were various other duties and tributes. In 1934, Monsignor Doyle became a member of the Archdiocesan School Board. In 1937, he was made synodal examiner. In 1939, he became officialist of the Archdiocesan Tribunal and in 1945, Papal Chamberlain. He often was interviewed for Indianapolis newspaper articles or for the "Criterion". A fine biographic portrait of him appeared in the "Indianapolis Star Magazine" June 14, 1981, by Lloyd B. Walton called "Hoosier in Profile—Rev. Msgr. John J. Doyle". He celebrated the 60th anniversary of his ordination to the priesthood at a Mass of Thanksgiving at Marian College May 17, 1981.

This was Monsignor Doyle's professional life, but we had the privilege of his presence because of his avocational interest in science. He joined the Indiana Academy of Science as a Senior Member in 1936 listing his interests as Anthropology and History of Science. However, he also had a special interest in astronomy and became a recognized expert in the field. An interest in nature was nurtured in him as a youngster by his father. The Academy now has a Division of Physics and Astronomy established in 1979. He published articles on philosophy and the Catholic Church in Indiana and was active in the Indiana Historical Society.

Monsignor John J. Doyle died in St. Vincent's Hospital, Indianapolis, after a long and fruitful life.

JOHN J. FAVINGER

Near Albion, Noble County, Indiana
January 7, 1918

Franklin, Indiana
June 6, 1985

Mr. John J. Favinger was with the Division of Entomology, Indiana Department of Conservation for 43 years. He joined the department in 1942 as Assistant Entomologist and became Indiana State Entomologist in 1958. He succeeded Frank N. Wallace and was only the fifth state entomologist in Indiana in 60 years.

John was from a rural home, born on a farm near Albion, Noble County, Indiana, January 7, 1918. He graduated from Purdue University in 1940 with a B.S. degree in agriculture and a special interest in entomology. He received a master's degree in public affairs from Indiana University in 1983.

After graduation from Purdue in 1940, John Favinger worked for 2 years with the United States Department of Agriculture and was sales representative with an agricultural chemicals firm before joining the Indiana Department of Conservation. He served with the United States Marine Corps during World War II.

As State Entomologist, Mr. Favinger was called upon often to solve problems for the public. His work was the subject of an article in the "Indianapolis News" July 14, 1978, by Howard Sinker who quoted John Favinger as follows: "There've never been two days alike. There's hardly a day when we don't get some kind of new question. We're not basically an extension agency, but we've kind of developed into a public service. We want to give people answers." An ecology conscious generation especially appreciated this service from John and James Clark, assistant then and now successor to State Entomologist.

Mr. Favinger's regular duties with the Indiana Department of Conservation included nursery inspection, exotic pest surveys and cooperative control programs, such as on Japanese beetle, cereal leaf beetle, etc.

In 1976, John was elected chairman of the National Plant Board. It is an organization of plant officials working for efficiency and inspection in plants. That same year Indiana Governor Otis Bowen appointed Mr. Favinger to an *ad hoc* advisory council to coordinate intensified mosquito control programs in the state.

John joined the Indiana Academy of Science in 1942, the year he became Indiana Assistant Entomologist. He was honored as Fellow in 1971. He was an active member and was a contributor and moderator for a symposium on the history of the Indiana Department of Natural Resources and contributed several papers to paper sessions. He served on the Fellows Committee several years and was chairman of both the Entomology Section (1958) and History of Science Section (1973). His reports to the society in addition to the symposium concerned the Indiana contribution to the National Plant Board, the cereal leaf beetle, gypsy moth and telephone cable penetration by *Xylobiops basilaris* Say. He was also a member of the Entomological Society of America, American Registry of Professional Entomologists and Society of Indiana Pioneers, Honorary member of the Indiana Association of Nurserymen and Indianapolis Landscape Association.

It was a shock to Academy friends when John J. Favinger died at Johnson County Memorial Hospital, Franklin, Indiana, June 6, 1985. He had appeared to be in good health and good spirits when he presented a paper, "An Anecdotal History of Entomology in Indiana", at our 100th annual meeting at Butler University, and had attended the spring Academy meeting at Brown County State Park. He will be missed.

ERNEST HUGH GERKIN

Larwill, Indiana
March 31, 1898

Columbus, Ohio
September 27, 1984

Dr. Ernest Hugh Gerkin was a Hoosier born in Larwill, Indiana, March 31, 1898. He had retired from teaching chemistry and physics at Indiana University at South Bend in 1968. He is survived by his wife and a son who is a research professor of chemistry at Ohio State University. Dr. Gerkin received his education in Indiana. He graduated from Columbia City High School in 1916 and received three degrees from Indiana University at Bloomington: an A.B. in 1922, M.A. in 1932 and Ph.D. in 1937 in physical chemistry.

It was at Griffith High School in Lake County that his teaching career began in 1925. He taught there until 1939 when he took a part-time assignment in the Extension Division of Indiana University at South Bend. He also taught at the Indiana University Calumet Center in East Chicago. He started full time teaching at Indiana University South Bend as an instructor in 1941. He became an assistant professor in 1946 and an associate professor of chemistry and physics in 1953. He was lauded as an excellent teacher by students and associates according to a fine memorial written by Walt P. Risler, Joseph H. Ross and Lester M. Wolfson. Besides his teaching assignments, he was a research chemist for the United States Rubber Company in Indiana in 1944.

Dr. Gerkin joined the Indiana Academy of Science in 1928 and was a member for 57 years. His research concerned the grid design in storage battery plates. He was also a member of the American Chemical Society and the Association of Indiana Chemists.

Dr. Ernest Hugh Gerkin died September 27, 1984, in the Mount Carmel Medical Center, Columbus, Ohio, after a full life of 86 years.

NINA ESTELLA GRAY

Remington, Indiana
October 29, 1901

Normal, Illinois
January 23, 1985

Dr. Nina Estella Gray was a retired professor who had taught biological sciences at Illinois State University for 31 years. She died January 23, 1985, at Brokaw Hospital, Normal, Illinois.

Dr. Gray was born in Remington, Indiana, on October 29, 1901. She attended grade and high school there graduating from high school in 1919. In 1924, she graduated from DePauw University and was a Rector Scholar. Graduate work was done and a brief teachers assignment was held at the University of Wisconsin where she received an M.A. degree in 1930 and a Ph.D. degree in 1933. At the University of North Carolina's School of Public Health and Medical School, she received an additional Master's degree in Public Health in 1945.

A professional career was taken up by Dr. Gray at Centralia Township High School and then Central Normal College (Indiana) from 1927 to 1929 when she returned to college for further studies. In 1935, there was a return to teaching. This time, it was at Illinois State Normal University where she stayed until retirement in 1966. Dr. Gray had a sabbatical leave in 1960 when she joined a group of scientists who retraced the path that Charles Darwin had followed in the 1800s. The Galapagos Islands, New Zealand, Australia, Africa and Teneriffe were visited to study animals in each region.

Nina Gray was a very respected teacher at Illinois State Normal University. She used cadavers for study considered very innovative at the time. She prepared courses in human physical development in Special Education.

It was in 1928 that Dr. Gray joined the Indiana Academy of Science and listed Botany and Zoology as interests. She was an Emeritus member at death and had been a member for 56 years. Other memberships included Sigma Delta Epsilon (national secretary, 1941 and national president, 1946), Delta Kappa Gamma, National Council for Exceptional Children, American Association for the Advancement of Science (Fellow), American Association of University Professors, American Association of University Women, Sigma Xi, and Phi Beta Kappa. She is listed in "American Men and Women of Science", Visher's "Indiana Scientists", the "Naturalist's Directory", and "Who's Who in Education".

After retirement, Dr. Gray was active until illness intervened. She was at the Americana Healthcare Center at Normal, Illinois, when she was honored in May, 1984, as "Resident of the Month" for her accomplishments. It concluded, "Students continue to remember her inspired teaching as her lasting impression influences their lives." We are indebted to various people and institutions for biographic material: Illinois State University, Mrs. Avonelle Brooks and Ruth Zimmerman by way of Mr. Ronald W. Gilbert, Dr. Winona Welch and the First National Bank of Normal, Illinois.

FLORA CHARLOTTE (NEE ANDERSON) HAAS

Bay Ridge, Florida
June 27, 1885

Crawfordsville, Indiana
December 10, 1984

If Dr. Flora Anderson Haas had lived until December 10, 1985, she would have been 100 years old. Few people reach such an advanced age after spending many years outstanding performance as an individual and teacher. She was a botany professor, administrator, and researcher.

Flora was born June 27, 1885 in Bay Ridge, Florida. Her grade school education was in Indianapolis. She then attended Marshall High School, Parke County, Indiana. The rest of her education was also in Indiana, pursued at Indiana University, Bloomington, where she earned a bachelor's, master's (1914) and doctor of philosophy (in botany, 1917) degrees.

Dr. Haas taught at Wellesley College, Indiana University and Arkansas State Teachers College where she was head of the Botany Department. She was at Arkansas College at retirement when she was persuaded to teach at Union University, Jackson, Tennessee. She was head of the Botany Department there also and taught several more years. When she retired again, she and her husband lived on and managed an orange grove in Florida. In 1955, when her husband died, she returned to Indiana to live near her family. We are indebted to her sister, Brittie Anderson, for information about Flora and also Winona Welch supplied biographic material.

While at Arkansas, Dr. Haas collected native flora which she identified and mounted to create a nice herbarium presented to Arkansas State Teacher's College when she retired from that position. She was outstanding in her profession and showed a high degree of sensitivity to the needs of her students during the depression years by helping them find finances for a college degree when they showed promise. She even invited some into her home providing free board and housing. She also gave talks at professional and club meetings.

The chronology of Dr. Haas's various activities can be determined somewhat by the entries in our "Proceedings of the Indiana Academy of Science". When she joined our society in 1914, she had just received her Master's Degree from Indiana University and was at Wellesley College, Wellesley, Massachusetts. In 1916, her address was given as Bloomington, Indiana. Evidently, she was working on her doctorate which was received in 1917. In 1918 and 1919, her address was given as Crawfordsville, Indiana. She was listed at Bloomington, Indiana in 1920 where she remained for 10 years. She became a Fellow in the Indiana Academy of Science in 1923. Her married name first appears in 1928 (she married George Haas in June, 1927). Her address for 1930 was Arkansas State Teacher's College, Normal Station, Conway, Arkansas. She was still there by 1940, but was in Sorrento, Florida, by 1946 when the next full membership list for the Academy was published. Dr. Haas was active in our society serving as assistant secretary in 1923 and secretary in 1924 and 1925. She was on the membership committee in 1927. She attended spring meetings and gave papers at fall meetings. These covered stipules in *Acer nigrum*, sporogenous tissue of *Porella*, anomaly in the dandelion, and *Marlyneaceae*.

During her declining years, Dr. Haas became legally blind and lost her hearing. Before that, her hobby was hand work and crafts. She retained her interest in plants and maintained the philosophy that God gave us the world—live life to the fullest in harmony with others. She died December 10, 1984, in the Emergency Room of Culver Union Hospital, Crawfordsville, Indiana.

WILLIAM GEORGE KESSEL

Terre Haute, Indiana
February 25, 1911

Terre Haute, Indiana
February 18, 1985

A Professor Emeritus from Indiana State University, Dr. William George Kessel died February 18, 1985, in the Meadows Manor Nursing Home North, Terre Haute, Indiana. He was a native of that city, born February 25, 1911, and he attended Wiley High School from which he graduated in 1928. His education continued at Franklin College, Franklin, Indiana, where he earned an A.B. degree in chemistry in 1932. At Indiana State Teachers College, he received an M.A. degree in education in 1933. He returned to college again in 1946 earning an M.S. degree in chemistry and chemical engineering from Purdue University. Later in 1960, he received an Ed.D. degree in education and chemistry at Indiana University.

During the period between 1934 and 1946 when he was out of school, he had various appointments. From 1934 to 1936, he was working at the Commercial Solvents Corporation as organic research chemist. He was a chemistry teacher in Terre Haute schools from 1937 to 1946—much of this at Wiley High School. He was also a part-time chemist for J.W. Davis and R D X chemist for E.I. Dupont de Nemours.

After graduation from Purdue in 1946, Dr. Kessel returned to Terre Haute as an assistant professor of chemistry at Indiana State Teachers College. He was made associate professor in 1958 and full professor in 1961.

He had numerous additional responsibilities. He served as a consultant to Weston Paper Company and Daubert Chemistry Company, and as a member and/or president from 1962 to 1972 of the Vigo County School Board. He was also on the Emeline Fairbanks Public Library Board for 10 years and was president in 1964. He was on the Indiana State University Faculty Council for 6 years and a member of the Economic Benefits Committee, Caleb Mills Selection Committee and Distinguished Alumni Committee.

The fields of research and publications by Dr. Kessel covered chemical education, a mine water problem, efficiency of rectifying columns, hydroponic home economics and chemistry, corrosion of zinc and paper making problems.

Dr. William George Kessel was honored by election to Phi Delta Kappa and Sigma Alpha Epsilon, as Elk of the year from 1956 to 1966, as distinguished alumnus from Franklin College in 1968, with the Caleb Mills Teaching Award at Indiana State University in 1975, with a citation from Terre Haute's mayor for contributing in the formation of the Air and Water Pollution Board in 1965.

Dr. Kessel joined the Indiana Academy of Science in 1946 and was honored as a Fellow in 1977. He was soon to become Sectional Chairman of the Chemistry Section in 1949 and served many years on various committees including Membership, Resolutions, Auditing, Youth Activities, and Fellows. He was Chairman of the Visiting Scientists Committee from 1963 through 1967 when he was honored for his work. He was an Emeritus Member at death.

Unfortunately, the middle initial of Dr. William George Kessel has been omitted in some of the Academy records leading to a confusion of names with Dr. William H. Kessel, his father, who was also a member. Dr. William H. Kessel also taught at Wiley High School. We are indebted to a friend and colleague of the former, Eugene L. Herbst, retired from Indiana State University Chemistry Department for clarifying this and providing other pertinent biographic information about both men.

William G. Kessel had a number of other professional memberships and offices: American Chemical Society (Councilor of the Council and Congressional Counselor, 1974, Wabash Valley Section Chairman, 1948), Division of Chemical Education, Inc.

(Treasurer, 1960-1966, Chairman, 1968), Journal of Chemical Education (Associate Editor, 1955-1965), American Association for the Advancement of Science, National Teachers Association, Manufacturing Chemists Association Educational Activities Committee (1969) and American Institute of Chemists (Fellow, 1968).

A tribute to Dr. Kessel kindly provided by the Chemistry Department at Indiana State University concludes, "Perhaps this was actually his greatest legacy—the many high school teachers carrying on his philosophy and principles of education."

GEORGE FRANCIS MARTIN

Earlington, Kentucky
May 10, 1905

Evansville, Indiana
May 5, 1984

Mr. George Francis Martin was a business man with a long-time interest in archaeology which led him to join the Indiana Academy of Science as a joint member with his wife, Frances. He had a Bachelors Degree. Born May 10, 1905, in Earlington, Kentucky, Mr. Martin moved to Evansville, Indiana, in 1915 with his family and resided there after marriage. He moved to Newburgh, Indiana, in 1952. At about 8 years of age, he read "Men of the Old Stone Age" by Keith which created a 70 year interest in the field of archaeology. His archaeological activity was nurtured by Glenn A. Black, director of Angel Site. With his wife, Frances, Mr. Martin assisted in making site surveys, participating in Indiana University surveys and making photographs. He gave slide talks and brought guided tours to the area. In 1982, Mr. Martin became a member of the Board of Directors and a Charter Member of Friends of Angel Mounds. The purpose of the society was to develop interest in Angel Site as an educational and historical facility.

Mr. Martin made numerous trips to museums and historic and prehistoric Indian sites in the Midwest, Southeast, Southwest and East. He gave many talks on Indians and their relics and archery. He was active in a number of international and domestic archery organizations and was awarded a pin by the International Archery Federation for shooting over 1000 in a FITA round achieved by only 15 archers in the world at that time. He also designed a target height and angle gauge adopted as standard nationally by the National Archery Association.

Of course, his professional activity paralleled this. The Circulation Department of the Evansville Journal employed him from 1919 to 1922. He also started a business building radios for sale. Soon he took in three other teenagers into the business. Their Evansville Radio Laboratory, Ev-Ra-Lab, was the first such business in Evansville and possibly in the state of Indiana. Their sets were sold in the United States and Cuba and at one time, Sears requested their entire output. The sets had detectors, amplifiers, tubes and batteries. From May until October, 1922, he operated the business alone.

He then became Apprentice Machinist for the Louisville and Nashville Railroad in its Howell, Indiana, steam locomotive repair shop. In 1925, he joined the Keller Crescent Company, an advertising and printing firm, as a photo-engraver. He was supervisor of the Engraving Department by 1928 and Camera and Color Department Supervisor by 1960. During that period from 1932 to 1933, he built and operated with friends an ice cream and sandwich business. In the 1970s, he photographed collections for the Evansville Museum of Arts and Sciences.

In addition to the archery societies, Friends of Angel Mounds and the Indiana Academy of Science, Mr. Martin was a member of the Indiana Historical Society since 1941, Southwestern Indiana Historical Society, Society for American Archaeology, Ohio Archaeological since 1951, Nature Conservancy, Trowel and Brush Society (Society to honor Indiana University Angel Site Field School Students-Honorary Member in 1950), and others.

His hobbies were hunting, fishing, competitive rifle and pistol shooting, geology, geomorphology, and nature study (especially birds).

Mr. George Francis Martin was 79 years old when he died May 5, 1984. He had gone to the hospital for a simple operation May 1, but developed a respiratory complication producing death. As one can see from this short version of his activities, he was a very able, versatile man.

HARRY R. MATHIAS

Rochester, Indiana
January 25, 1901

Bowling Green, Ohio
July 31, 1984

Native to the lake country of northern Indiana, Mr. Harry R. Mathias was born January 25, 1901, at Rochester, Indiana. At an early age, his affinity for mathematics was evident. He attended Burton Grade School located 7 miles from Rochester and went to high school in Rochester. In 1923, he received an A.B. degree from Indiana Central College, Indianapolis, Indiana. He then studied at Indiana University receiving a Master's degree in 1925. He also did graduate work at the University of Michigan from 1932 to 1941.

Mr. Mathias started his professional career in the high school at Tyner, Indiana, as principal from 1923 to 1924. He then taught mathematics at Indiana University in 1925. In 1926, he became Head of the Mathematics Department at Indiana Central College, Indianapolis, where he remained until 1931. He moved to Bowling Green (Ohio) State University that year to become an instructor. He was assistant professor from 1937 to 1947 and associate professor until retirement in 1971 when he was made Emeritus Professor in Mathematics. He did tutoring then for 10 years.

Harry Mathias was characterized as a generous, devoted, hard working man with integrity. His ability in mathematics was recognized by a national Mathematics Society and Sigma Xi. He also received a Distinguished Member Award in 1981 from the Rotary Club. He belonged to Sigma Chi and was a past national vice president of Kappa Mu Epsilon. He was church treasurer for many years and a member of the American Association of University Professors, and Mathematics Association.

Mr. Mathias joined the Indiana Academy of Science in 1925. He was an Emeritus Member at death.

As a hobby, Mr. Mathias took up carpentry which he practiced after school and on Saturdays. He built 15 apartments over a period of 15 years. Also, he built a house for his daughter with no help except for the basement. He often helped friends in Bowling Green with carpentry projects.

A good and versatile man, Mr. Harry R. Mathias died July 31, 1984, at the Community Nursing Home, Bowling Green, Ohio.

THOMAS OSTDICK

Elgin, Illinois
August 18, 1928

Elgin, Illinois
January 10, 1985

The Reverend Thomas Ostdick was formerly president-rector at Saint Meinrad College. He was also a chemist with a B.A. degree (1952) from Saint Meinrad College and both a Master's degree (1957) and Ph.D. degree in chemistry and mathematics (1958) from Notre Dame University. He was born August 18, 1928, at Elgin, Illinois, and attended Saint Joseph grade school and Saint Edward High School there. He attended DePaul University in Chicago from 1945 until 1948. He then completed undergraduate work at Saint Meinrad College and became a Benedictine monk in 1950. He was ordained as a priest in 1954.

With this background, Father Ostdick began his full career of service after graduating from Notre Dame in 1958. He usually carried multiple duties. At Saint Meinrad college, he advanced from assistant to associate professor from 1958 to 1970. He was academic dean from 1963 to 1975, professor of chemistry and mathematics from 1970 on and President-Rector of Saint Meinrad College from 1975 until retirement in 1982. Besides these duties, he assisted the chaplain of Fort Knox, Kentucky for many years. He was recipient of grants for summer post-doctoral work at Notre Dame University from 1965 to 1971. They were bestowed by: the Atomic Energy Commission, National Institute of Health, National Aeronautics and Space Administration and National Science Foundation. He was a contributing member of the Council for the Advancement of Small Colleges from 1972 to 1975, associate editor of the "American Benedictine Review" from 1967 on, member of the executive committee of the Indiana Conference on Higher Education from 1980 on.

Reverend Thomas Ostdick became a member of the Indiana Academy of Science in 1960 and was a regular member at death. He was interested in the Chemistry and Mathematics Sections of the organization. His own research dealt with the preparation, reactions and properties of organoboron and organosilicon compounds as well as heat resistant polymers. He served on the Visiting Scientists Program from 1963 to 1967 with three visits to high schools a year. He also was a member of the American Association for the Advancement of Science, American Chemical Society, Mathematics Association of America, Sigma Xi and a Fellow of the American Institute of Chemists. He is listed in "American Men and Women of Science", the source of some of this information. There was a helpful obituary in "The Herald" (Jasper, January, 1985), and material from personal correspondence was kindly provided by Father Damian Schmelz. The latter characterized Father Ostdick as using a "step by step scientific approach to his work and an out-going friendly personality."

The Reverend Thomas Ostdick was on a combined business trip and visit with his mother when he died in Sherman Hospital in Elgin, Illinois, January 10, 1985, at the age of 56 years.