

# THE ARCHI

Alpha Rho Chi Fraternity

Architecture and the Allied Professions

Volume XXXIV

WINTER, 1956

No. 1

## Alpha Rho Chi at Home and Abroad

### Smith at Base of the Pyramids

Howard Dwight Smith, Demetrios Honorary, last summer accepted a grant under the Fulbright Act to lecture at Alexandria University in Egypt.

"I feel very humble going to the base of the pyramids to try to tell Egyptians something about architecture," said the 69 year old scholar, when the award was announced in July. He and Mrs. Smith will be in Alexandria through the early part of June, 1956, and will then return home. The Smiths are familiar with the country as they visited there in 1952 on an educational travel tour.

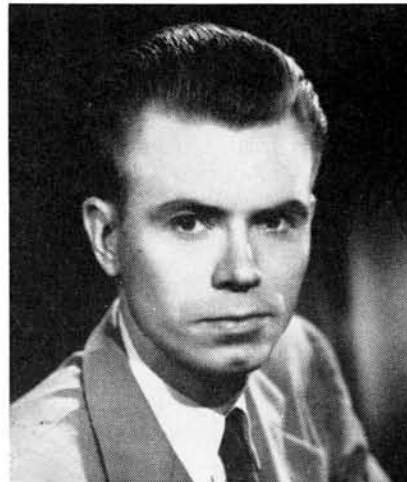
The scope of the Alexandria lectures includes courses in architectural philosophy (the role of architecture in community organization, the contributions architecture can make to social objectives and architectural aesthetics) for fourth year and graduate students, and seminars for graduate students and faculty members. The grantee is participating in conferences and delivering lectures to professional societies, including the Association of Engineers and the Syndicate of Engineers in both Alexandria and Cairo.

Mr. Smith's forty years' experience in the practice of architecture and his thirty years of teaching before his recent retirement from Ohio State University qualified him for this service in the near East. Mr. Smith earned two degrees in architecture—one from Ohio State in 1907 and another from Columbia University in 1910, where he won a traveling scholarship which took him abroad in 1911. He was in the office of John Russell Pope before joining the Ohio State faculty in 1918 as professor of architecture. After three years he left the University for other employment but returned in 1929 in the capacity of University Architect, and Professor in the Department—later the School—of Architecture and Landscape Architecture.

(Continued on page 4)

## New W.G.E. and Archi Editor Assume Offices in 1955

Richard E. Murray, Jr., who was unanimously elected to the office of W.G.E. at the 24th National Convention of Alpha Rho Chi, assumed the post on July 23, 1955.



John R. Liimatainen

Brother Murray, a Demetrios alumnus, received the degree Bachelor of Architecture from Ohio State University in 1951. After graduation, he was employed as a civilian construction engineer by the Missouri River Division, Corps of Engineers, Omaha, Nebraska. A reserve officer, he was called to active duty in the U. S. Army Corps of Engineers in December, 1951. He saw overseas service, being stationed in Korea for 13 months, as company commander.

Released from active duty in September, 1953, Murray returned to Ohio State University, enrolling in the College of Commerce. On March 9, 1955, he received the degree Bachelor of Science in Business Administration. He has since been associated with the office of the University Architect at Ohio State, in Columbus.

While an undergraduate at the University, Murray served as Worthy Estimator of the Demetrios Chapter for more than two years. In December,

1954, he was elected president of the Fraternity's 24th National Convention which met in Columbus. In nominating him to the Grand Council post, retiring W.G.E. George Whitten



Richard E. Murray, Jr.

aptly called Murray "well qualified for this office."

In July, W.G.A. Robert Calrow announced that John Richard Liimatainen, of Columbus, Ohio, had accepted appointment as editor of the *Archi*, succeeding John J. Zimmerman.

The new editor, a graduate of Ohio State University with the degree Bachelor of Architecture, has edited the *Demetrios Crescent*, the alumni newsletter of the Ohio State chapter. Now the secretary-treasurer of the Demetrios Alumni Association, he served as W.S. and W.E. in the active chapter.

Greatly interested in the Fraternity, he attended the 22nd Convention at Champaign, the initiation of Master Architect John W. Root at Chicago in 1951, and the installation of Vitruvius Chapter in 1955.

While in college, he worked on

(Continued on page 4)

## ALPHA RHO CHI



Alpha Rho Chi is a national professional fraternity limiting its membership to students of architecture and the allied professions. Founded at the Universities of Illinois and Michigan on April 11, 1914, to organize and unite in fellowship the architectural students in the universities and colleges of America, and to combine their efforts, so as to promote the artistic, scientific, and practical efficiency of the younger members of the profession. Charter member of the Professional Interfraternity Conference, organized in 1928.

### The Grand Council

Robert F. Calrow, W.G.A., 4828 Garfield Ave. S., Minneapolis, Minn.  
 Richard E. Murray, Jr., W.G.E., Box 3092, University Station, Columbus 10, Ohio.  
 James T. Lendrum, W.G.S., 21 Green-croft Rd., Champaign, Ill.  
 Dale Benedict, G.L., 1629 Broadway North, Seattle 2, Wash.  
 Dwight P. Ely, G.A., 40 South Third St., Columbus 15, Ohio.  
 Winthrop M. Wadsworth, N.I., 2525 Dupont Ave. S., Minneapolis, Minn.

### Grand Council Deputies

Frank H. Baden, 27 Portugese Bend Rd., Palos Verdes, California.  
 Marion A. Carter, 1808 Kent St., Columbus 5, Ohio.  
 M. Robert DesMarais, 525 Sparks St., State College, Pa.  
 George F. Fritzinger, 9705 W. Main St., Belleville, Illinois.  
 Ralph W. Hammett, 1425 Pontiac Road, Ann Arbor, Michigan.  
 J. Girard Ingels, 5633 Willow St., Seattle 8, Washington.  
 Donald M. Mayne, 4321 Shenandoah, Dallas 5, Texas.  
 Winthrop M. Wadsworth, 2525 Dupont Ave. S., Minneapolis 5, Minn.  
 Raoul W. Wilkins, 1105 Hollins Rd., Richmond 26, Virginia.

### The Archi

John R. Liimatainen, Editor, Box 3092, University Station, Columbus, Ohio.

### Active Chapters

ANDRONICUS—University of Southern California, 710 W. 28th St., Los Angeles 7, California.  
 ANTHEMIOS—University of Illinois, 1108 South First St., Champaign, Illinois.  
 DEMETRIOS—Ohio State University, 101 East 12th Avenue, Columbus 1, Ohio.  
 IKTINOS—University of Michigan, 640 Oxford Rd., Ann Arbor, Michigan.  
 KALLIKRATES—University of Virginia, A.P.X. Box, Fayerweather Hall, Charlottesville, Virginia.  
 MNESICLES—University of Minnesota, 605 Ontario St., S.E., Minneapolis, Minn.  
 VITRUVIUS—Pennsylvania State University, 220 Foster Ave., State College, Pa.

THE ARCHITECT is the official exoteric publication of Alpha Rho Chi Fraternity. Address all correspondence to *The Archi*, Box 3092, University Station, Columbus, Ohio.

## Elevated to Fellow by A.I.A. in 1955



Karl Fred Kamrath  
Houston, Texas  
For Design



John Noble Richards  
Maumee, Ohio  
For Public Service

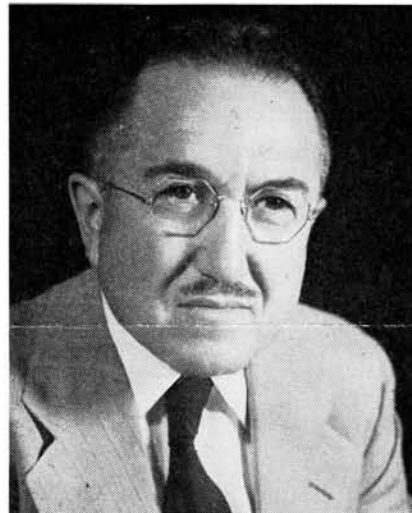


Dewey Anderson Somdal  
Shreveport, La.  
For Design, Service to the  
Institute, Public Service

Photos courtesy of the American Institute of Architects

## Named G.C. Deputy for Michigan

Grand Council Deputy for Michigan is Ralph W. Hammett (Mnesicles '19), of Ann Arbor, Michigan. Although the latest of G. C. Deputy appointees, Hammett actually has carried out the duties of the position without title for a long time.



Ralph W. Hammett

Professor Hammett recently spent a year in Europe, on leave from his post at the University of Michigan's College of Architecture and Design. Following an extensive tour of Portugal, Spain, France, and Italy, in the Fall of 1953, Mr. and Mrs. Hammett spent the remainder of the academic year in Rome, where Professor Hammett was visiting resident in architecture at the American Academy. He

had previously been a visiting fellow at the Academy from 1924 to 1926 when he held the Robinson Traveling Fellowship from Harvard.

An architect and educator, Hammett received his B.S. from the University of Minnesota in 1919, and his Master of Architecture from Harvard in 1923. He taught at the University of Washington and the Armour Institute of Technology before joining the faculty of the University of Michigan. He was the designer of the Cook County Criminal Court and Jail buildings, and the interior of the Lincoln Tomb in Springfield, Illinois. A practicing architect since 1936, he has designed several churches and chapels in Michigan. He recently saw completed the new building for the Lutheran Student Foundation in Ann Arbor.

In 1944-45 Hammett served as military government officer in charge of monuments, fine arts and archives in France, Belgium, and Holland. He is a member of the Military Government Association, the Lutheran Student Foundation, Tau Sigma Delta, Tau Beta Pi, Acacia, Scarab, Alpha Rho Chi, the AIA, and the Michigan Society of Architects, of which he was director in 1946-47. He is author of "The Romanesque of Western Europe," and "Architectural History Study Guides," a contributor to Collier's Encyclopedia and professional journals, and is a member of the American Association of Architectural Historians.

Brother Hammett and wife, the former Gladys Brouillard, who were married in 1928, live in a charming century-old house at 1425 Pontiac Road, in Ann Arbor.

## A.I.A. Fellows Honor Professor Ronan

Professor Wilbert C. Ronan, Demetrios Honorary, has been awarded a citation by the College of Fellows of the American Institute of Architects in recognition of important contributions made to the profession of architecture through effectiveness in teaching. Professor Ronan, who teaches architectural history and the decorative arts at Ohio State University, was one of nine American educators honored in such a manner by the national society in Minneapolis June 24.



Ronan

Edgar Williams, FAIA, New York City, Vice-Chancellor of the College, made the presentations at an official Convocation called by Chancellor Alexander C. Robinson, III, who presided over the meeting. The Teacher Citations were awarded this year for the first time pursuant to a program adopted by the College after its Convocation in Boston in 1954.

Mr. Ronan, who was graduated from Ohio State in 1910 with the degree C. E. in Architecture, took additional work at the University of Pennsylvania and in 1913 received his B. S. in Architecture from that institution. A member of the Ohio State architecture faculty since 1913 (except during World War I when he served in the U. S. Army), Professor Ronan was chairman of the former department of architecture from 1944, and remained on the staff as full professor when the School of Architecture and Landscape Architecture was established in 1949.

A practicing architect since 1923, Professor Ronan has designed public buildings and residences located throughout Ohio. For eleven years he served on the Board of Directors of the Allied Architects Association of Columbus, which built the Columbus City Hall and Police Station.

Professor Ronan's hobbies are collecting antique oriental rugs, color photographs, travel, water color sketching, and the Humane Society (of which he is a Director).

## Fuller Plans Minni-Earth

*The Archi is indebted to the Mnesicles Breeze and the Minneapolis Tribune for portions of the following article.*

R. Buckminster Fuller, eminent industrial designer, initiated as an honorary member of Mnesicles Chapter in May, 1954, was at the University of Minnesota in November for a month of lectures and conferences.

Assisted by thirty School of Architecture students, Mr. Fuller began a three-year Design Science development which will produce a lacy spherical structure, a miniature earth, one-millionth the size of the sphere we inhabit. The students have already started construction of a smaller pilot globe, eight feet in diameter, of plastic triangles.

Minni-Earth, as the project has been nicknamed, will be an open-work truss Geodesic sphere equivalent in height to a four-story building. One inch on its surface will be equivalent to 8½ nautical miles, the scale employed in U. S. aeronautical sectional maps. Important information concerning world scientific developments that will take place in the World Geophysical Year of 1957-1958 can be integrated on its spherical surface. Minni-Earth will be mounted well outward of the roof at one of the University's buildings, with an access stairway leading in through the lonely vastness of its Indian ocean, to an observation platform at its center.

"Continents and islands," Fuller envisions, "will be outlined by lines of various thicknesses and colors, readable from inside or outside the sphere. At inner sphere level will appear the ocean's bottom conformation. Outward of this will appear continental shelves and sea level contours.

"Minni-Earth can, if experienced and studied, give you the 'feel' as well as 'know' of passing through the universe, just as you would see and know from inside a windowed space ship."

Fuller is the man who produced the Dymaxion three-wheeled car, the house suspended on a pole, and the



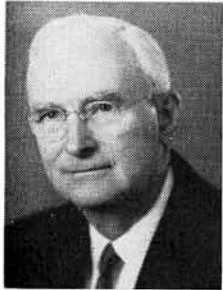
Courtesy Minneapolis Sunday Tribune  
Buckminster Fuller with Minni-Earth Model

lightweight geodesic dome. He holds the only U. S. patent for a new kind of map projection.

Mr. Fuller's success two years ago in enclosing the court of the Ford Rotunda in Dearborn, Michigan, with a clear-span, translucent geodesic dome 1/29th the weight of conventional solutions, and in later providing unprecedented lightweight, air-deliverable structures for the U. S. Marine Corps' most rigorous uses, inspired the Brooklyn Dodgers to ask him recently to study the suitability of using geodesic structures for a new stadium. Such a structure would have more than twice the 365-foot diameter of the largest clearspan construction ever completed, Great Britain's temporary Dome of Discovery at the Festival of Britain in 1951, and would weigh approximately one million pounds.

Fuller's whole philosophy of design is to ignore the hampering forms of traditional things and start fresh to seek original solutions to the needs of people. As he lectures to college students, he tries to instill in them his principle that designers should do work that never has been done before, not just work over the old designs.

Mr. Fuller has lectured at M.I.T., Yale, Tulane, University of Michigan, Washington University, Oregon, North Carolina State, Princeton, Cornell, in addition to the University of Minnesota, and has received honorary degrees from the University of Michigan and North Carolina State College.



OSU Photo  
Howard Dwight Smith

## APX at Home . . .

(Continued from page 1)

He designed the Ohio Stadium which won the Gold Medal for Public Work at the American Institute of Architects' Exhibition in 1920. In 1943 he was elected to the College of Fellows of the A.I.A.



PSU Photo  
Milton S. Osborne

### Osborne Feted

One of the nicest hands-across-the-border gestures was recently extended to Pennsylvania Architect Milton S. Osborne (Demetrios '22), head of Penn State's Department of Architecture. At Canada's University of Manitoba a reception was held to honor

Mr. and Mrs. Osborne, commemorating the seventeen years Mr. Osborne spent as Director of the Manitoba School of Architecture and Fine Arts. The fete was especially arranged to present Mr. Osborne with a Life Membership in the Manitoba Association of Architects and the Royal Architectural Institute of Canada.

## ALUMNI DUES . . . Since September 1, 1955

Alumni dues for support and expansion of the Fraternity's national organization were established by the 1938 Convention and affirmed by the 1948 and 1952 Conventions. Annual dues are \$2, and Life dues \$25, payable at one time or in three consecutive annual installments. Payment of Life dues is designated "Life Membership."

Dues are payable to the W. G. E. who reports the following receipts in the five months ending January 31.

### PAID UP LIFE MEMBERS

- |                            |           |
|----------------------------|-----------|
| 210 Earl Dean Porter       | Anthemios |
| 211 Marvin C. Johnson      | Mnesicles |
| 212 Alvin C. Voorhis       | Demetrios |
| 213 L. Morgan Yost         | Demetrios |
| 214 George L. Lindeberg    | Anthemios |
| 215 Volney A. Chase        | Paeonios  |
| 216 L. Vernon Gibbs        | Iktinos   |
| 217 Merrill M. Madsen, Sr. | Mnesicles |
| 218 Emmett E. Kraybill     | Paeonios  |
| 219 Lee G. Stauffer        | Vitruvius |
| 220 Lawrence W. Byers      | Paeonios  |

### PART LIFE PAYMENTS

Have been paid by the following members from September 1, 1955 to January 31, 1956:

- |                  |            |
|------------------|------------|
| Milo Crawford    | Andronicus |
| Prof. Emil Lorch | Iktinos    |
| David E. Nordale | Mnesicles  |

### ANNUAL DUES

Have been paid by the following members from September 1, 1955 to January 31, 1956. (\*denotes 1956 dues)

- |                   |                       |                         |
|-------------------|-----------------------|-------------------------|
| <b>ANDRONICUS</b> | Ward R. Helman        | James W. Rice*          |
| <b>ANTHEMIOS</b>  | Sidney H. Bradd, Jr.  | Al J. Springman         |
|                   | Arthur A. Carrarra*   | John W. Steinmann       |
|                   | William T. Henderson  | Truman J. Strong        |
|                   | Ed Lerch*             | Edward W. Sweetnam, Jr. |
|                   | Norman H. Meyer       | W. Harold Tanner*       |
|                   | Fred G. Rounds        | Robert J. Wilbert       |
|                   | Willis E. Snow        | Robert Zinsmeister      |
| <b>DEMETRIOS</b>  | John D. East*         | Wilbert C. Ronan*       |
|                   | James Frederick Knapp | Orville Varasso*        |
|                   | Donald A. Newland     | Bruce E. Woelfel*       |

### DINOCRATES

Robert Leon White\*

### IKTINOS

- Frank B. Andrus  
Howard Battin  
Wells J. Bennett\*  
Arnold B. Berg  
Don M. Cottrell  
D. Burr DuBois\*  
W. R. Gomon\*  
Maurice E. Hammond  
Donald R. Humphrey

- Conrad S. Johnson\*  
Robert L. Johnson  
Willard A. Oberdick  
Alfred J. Przybylowicz\*  
Laurence T. Ray  
George L. Richardson\*  
Leo Teholiz\*  
John C. Thornton

### MNESICLES

- Edward H. Adams\*  
Kenneth A. W. Backstrom\*  
Frank W. Barnard, Jr.\*  
Gerald H. Buetow  
George Freeberg  
Howard B. Gilman\*  
Harley H. Johnson\*  
Edwin Larson

- Elmer J. Magnuson\*  
F. W. Segerstrom  
Willard L. Thorsen\*  
Horace W. Tousley\*  
Wm. T. Townes\*  
Thomas Volk  
Glen B. Youatt

### PAEONIOS

Clarence Rinard

### POLYKLITOS

George E. Tingley\*

### THONOS

Tom R. Chapman\*

### NEW DIRECTORY

Lists all members of A.P.X. with present addresses. Arranged by chapters and by cities and states. Available to Alumni Dues Payers (annual or life members) at \$1 per copy. \$3 per copy to others.

Proceeds to defray cost of printing. Order from Richard E. Murray, Jr., W.G.E., Box 3092, University Sta., Columbus, Ohio.

## INITIATES



The Grand Council records new initiates in the official membership roll in order of receipt of complete initiation reports. Serial number in official record is shown for each initiate.

### IKTINOS, October 2, 1955:

- 2228 Michaelangelo Fortuna, Jr.  
Detroit 19, Michigan  
2229 Peter John Wexler  
Forest Hills, New York

### ANDRONICUS, September 10, 1955:

- 2230 Ronald Louis Pagliassotti  
Los Angeles, California

### VITRUVIUS, October 8, 1955:

- 2231 Thomas Edward Jankowski  
Bethlehem, Pennsylvania  
2232 Herbert Albert Roos  
Philadelphia, Pennsylvania  
2233 Robert Rolland White  
DuBois, Pennsylvania  
2234 Edward John Wroblewski, Jr.  
Braddock, Pennsylvania

### DEMETRIOS, November 5, 1955:

- 2235 Douglas Cornelius Mulder  
Amherst, Ohio

### DEMETRIOS, February 2, 1956:

- 2236 Andy Laxton Griffey, Jr.  
Princeton, West Virginia  
2237 Norman Michael King  
Parma, Ohio  
2238 John William Melvin  
Kitts Hill, Ohio

## APX Luncheon Plans

Plans are under way for a big Alpha Rho Chi get-together during the AIA Convention in Los Angeles. W.G.A. Robert Calrow has announced that the committee in charge of arrangements for the APX Luncheon on May 17 consists of Frank Baden, G.C. Deputy, California; Harry Harmon, President, Andronicus Alumni Association; Clinton Ternstrom, Director, Andronicus Alumni Association; and William E. Max, W.A. of the Andronicus Active Chapter.

## Archi Editor

(Continued from page 1)

the editorial staff of the *Ohio State Engineer*, as Associate Editor of the monthly engineering student magazine.

After graduation, he has been employed by the University Architect at Ohio State University.

The new editor hopes for the support of all the members through contributions of news that will be of interest to the whole fraternity.