

THE ARCHI
OF ALPHA RHO CHI

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Alpha Rho Chi fraternity was founded at the Universities of Illinois and Michigan on April 11, 1914. It is a social undergraduate fraternity limiting its membership to students of architecture, architectural engineering, landscape architecture, or the allied arts, enrolled in the departments leading to a bachelor's degree. The name Alpha Rho Chi is derived from the first five letters in Architecture. The title of the magazine is derived from the same source.

WILLARD E. FRASER, Managing Editor

A Letter from D. P. Ely

EDITOR'S NOTE: The following letter was sent to all chapters by W. G. A. Ely. It deserves repetition and the attention of all Alpha Rho Chi's.

OCTOBER 15, 1940

DEAR BROTHERS:

The Grand Council takes this opportunity to extend its best wishes for the year.

For me to say that 1941 is a crucial year is merely to repeat what you have heard many times before. We know this is a crucial period for America and for American institutions.

Among these typically American institutions are college fraternities. They are typically American because in virtually every instance they were spontaneously organized by a group of self-reliant individuals. Their organization is based on an ideal—the furtherance of social, moral and intellectual progress. They are self-governing, self-perpetuating, self-supporting.

The college fraternity is a progressive American institution which stands on its own feet and fights its own battles.

It has always seemed to me that the greatest advantage of a fraternity to its membership is this very stimulation of individual accomplishment—the training in responsibility—the unlimited offer of opportunity.

These are advantages which go with fraternity membership but must be grasped to be enjoyed. The future of your chapter and of the Fraternity as a whole is not dependent on what some foreign country does nor on what our government does nor on what your alumni do (although they have been of tremendous service). It is dependent on you, the active members of each chapter, to maintain your chapter to the standards set by those who founded it. The responsibility and the opportunity are both yours.

This is a crucial period but it is in just such times that America arises to show its greatness. Alpha Rho Chi can have a share in that greatness if each of us does his part.

Fraternally yours,

D. P. ELY, W. G. A.

Architects Display at Ohio State University

ALUMNI of the Department of Architecture and Landscape Architecture are among the foremost designers of great developments throughout the country, planners of homes, schools, factories, gardens. A sampling of their achievements was disclosed when the Department showed its first exhibition of the work of its graduates during Homecoming Week on the display walls of Brown Hall, campus.

Approximately 70 alumni of the Department submitted samples of their work from all parts of the country, for the exhibit.

Such projects as Randall's Island, New York City, plans for the New York World's Fair Grounds, Leesburg Terrace Housing, Frankfort, Kentucky, Olentangy Village, Columbus, Blue Ridge Parkway, and the proposed Edgewater Beach Development, Cleveland, are all work of Ohio State's graduates.

Few alumni know that Ohio Stater, C. Dale Badgeley (Demetrius '24) developed Scheme No. 12, accepted ground plan for the New York World's Fair. The original rough pencil sketch was on display at the exhibit. In conjunction with his work on the Fair, Badgeley also designed the trylon and perisphere 3-cent U.S. stamp used to advertise the Exhibition, and such of its buildings as the Casino of Nations' Restaurant, the Summer City Hall, "Aqualons" which were lighting units used during the preview of "Wheels."

He planned and was architect in charge of the famous Randall's Island development, the point where three sections of the Tri-Borough Bridge, New York, meet. He directed work, also on Bryant Park, adjacent to the New York Public Library, and the Irene Sophie Loeb Memorial, Central Park, New York.

Condensed from Ohio State University Monthly

CHAPTER ETERNAL

Sidney George Wake, Iktinos '38, of Detroit died in Clawson, Michigan, November 29, 1940. A graduate of the University of Michigan in 1938 he had been employed in the office of Albert Kahn, Detroit, since 1939. He is survived by his parents and his wife, the former Ruth Clark, whom he married in June 1939.

Brother Wake was active in the affairs of Iktinos chapter, holding the office of W.A. his senior year. THE ARCHI expresses the sympathy of the Fraternity to his chapter and to his family.

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GEORGE FRED KECK, ANTHEMIOS '20, DESIGNS HOUSE USING NEW PRINCIPLE OF HEATING

Condensed from The "Chicago Tribune"

GEORGE FRED KECK, Chicago architect, discovered during the erection of his "House of Tomorrow" at A Century of Progress world's fair in Chicago that rays from the sun will heat a residence. This discovery was made one biting cold day when he found workmen inside the "House of Tomorrow," which was built almost entirely of glass, working in their shirtsleeves and complaining of the heat. There was no artificial heat at that time in the building.

Keck pondered this discovery and studied statistics on solar heat. The result of his studies is now in concrete form in what he calls a "Solar House," built for and owned by Howard M. Sloan, of the H. M. Sloan Realty Company, Evanston.

Sloan, an enthusiast over the solar heating system in his new house (which is supplemented by a warm air gas fired heating unit), is permitting visitors to go through and will continue to do so until he decides to move in. If the house is as satisfactory as he anticipates, he will build nine more residences of similar character—all sun heated.

Sloan's "solar house" is at 825 Glenview Road, in Glenview, on a one acre site. He owns nine additional acre lots adjoining on which he may build the other sun warmed homes.

The Solar House is over 100 feet long, with all rooms on one

floor. The building faces south and practically all of the south elevation is plate glass. There are only a few windows on the north. The big living room, dining room, kitchen, study, and three bedrooms all face south.

The eave line projection is worked out so that the summer sun high in the heavens, doesn't enter the house, but the winter sun, nearer the horizon, does. Thus solar heat is taken advantage of to an unusual degree.

"According to 23 years of investigation by the solar radiation investigations committee of the department of commerce, the sun heat entering this house will be sufficient to heat it during the hours the sun shines in winter," Keck said. "Over 50 per cent of our winter days are sunny."

The house is oriented to take advantage of the prevailing winds during summer months, which are from the southwest. With practically no windows on the north side of the house the prevailing cold currents of air from the north and northeast are avoided.

EDITOR'S NOTE: THE ARCHI will endeavor to follow up this story and report on the exact amount of fuel saving, in an early issue.

UTOPIA VIA SCIENCE—OH YEAH?

By RODERICK W. SILER

Assistant Professor in Mathematics, University of Minnesota

THERE is always danger, I think, of students in technological lines giving too much weight to purely technical accomplishment in passing judgment on the past, present, and future. Someone, somewhere, once delivered a sentiment to the effect that "hope springs eternal in the human breast." I suppose it is this tendency of the human breast to inflate easily that is chiefly responsible for the feeling that the more we invent the nearer we are to heaven on earth.

I have before me a clipping from a newspaper of some time ago reciting the prophecies made by a speaker before a meeting of inventors gathered to consider what the world was coming to, and how. Prophecy Number One was that, along with other ills and trials of mankind, indigestion is to be eliminated. This because of the discovery of what it is in the insides of a boa constrictor that allows him to digest his meals the way he does. A boa, I believe, is one of those lucky individuals who can swallow a goat—horns, hide, whiskers and all—with less inconvenience than most of us can swallow a hard boiled egg. Another interesting prophecy was that clothing would be very cheap, and as a specific example of the effect of this drop in clothing prices it was mentioned that a man, on getting up in the morning, would throw his pajamas in the waste basket. Not in the clothes bag, nor on the floor for his mother or wife to pick up, but in the waste basket. The idea being that he was done with the pajamas, it being cheaper to buy

new ones than have the originals laundered. Another forecast was concerning what were referred to as "dream pills." By taking a couple of these pellets before retiring a person will have dreams; not the hair raisers we have today with our present digestions, but delightful, stimulating dreams.

These are some of the things we are coming to. These and a good many more for the prophet did not exaggerate one bit in his forecasts. But the things no one speaks of, and probably no one can more than vaguely foresee, are the consequences and ramifications of the new developments. For instance, if boa constrictor digestions are followed by boa constrictor appetites, as it is reasonable to assume will be the case, the new discovery may cause more pain than pleasure if, as now, it finds a good many of us, instead of wanting to increase our appetites, trying to find a way to satisfy the ones we have. Throwing away our pajamas and nightshirts each and every morning may at first thought appear a step forward in human life, but it is not hard to see that laundrymen, especially if animated by improved appetites, may take a different view of the matter.

People still young enough to walk without a stick can remember when such things as radio, movies and aeroplanes were in what was called their "infancy." A good deal was once expected of the infants which their later development has failed to justify. In those days, when radio fans listened to programs in what looked

like earmuffs, universal education by radio was solemnly discussed, and it was assumed that a man, drowsing in his socks before his radio on winter evenings, could absorb the knowledge of the ages and develop the mind of an Aristotle. But we have found since that time that radio, the world over, seems more concerned with controlling thought than stimulating it. Aeroplanes in the beginning were regarded as the future means of wafting travelers from here to there, pleasantly and cheaply. At present the most evident purpose of planes seems to be to see how quickly they can transport a load of bombs and get back for more, with no particular profit to anyone, unless it be the doctors and undertakers.

Admitting that these are the gloomy conclusions characteristic of ancients looking back from fifty years or more, they do, nevertheless, have a significance in that they indicate what may be the opinions of present day students thirty years from now. They also indicate a growing disinclination of the world to enthuse over technological advance. People once listened with respect to the talk that the developments of science and technology were based

on desire to improve the world, but they begin to suspect they are based on something else.

For more reasons than one this new trend in public attitude is of importance to students in technical schools. The trend is largely the result of a former common belief that the perfecting of machines would perfect men. But it is realized now that improving a machine is less of a job than improving the users of it and that, in a world of variables, Man with his needs and desires is the one constant. The aeroplane has been developed in forty years. History indicates that Man, except for some improvement in his table manners, hasn't changed much since Adam.

Probably nothing that a student can do will change the course of history to the extent of preventing the invention of a single new can opener. But a greater study and consideration of human psychology and economics while in school might help matters. It will at least do something to lessen disillusion in later years.

The Minnesota Techno-Log

FINDING HOMES FOR 12,000 PEOPLE

Glen Yockey, Anthemios '28, Is Technical Director for the Famous Memphis Housing Authority

SOME idea of the work done by Glen Yockey, Anthemios '28, as technical director of the Memphis Housing Authority may be had by taking an area extending four city blocks in one direction and five the other—then plan to clear out every building, light pole, and tree and build modern housing units for thousands of people.

When all of Mr. Yockey's projects are completed there will be dwellings provided for 12,000 people, more than in his home town, Taylorville, Illinois.

"The Authority decides to build a housing project," he says, speaking of his work. "We study the different slum areas of suitable size that need clearing out. Architects are hired, usually three, and it is my duty to work with them studying site plans, working up building and construction types, letting contracts to get property, making topography and utility surveys and soil borings so that foundations can be designed properly. After the plans are developed I supervise taking bids and getting the construction under way. We handle all of the inspection that is required from the architects.

"There are a great number of Illinois alumni in Memphis," Mr. Yockey says, "and at least one Illinois-educated architect on each of the three projects I have supervised. . . . One of my chiefs aided in the design and construction of the Physics building on the Illinois campus."

Mr. Yockey was born and raised on a farm near Stonington and went to high school in Taylorville before entering the University. He got into architectural work because he decided he "would rather be a carpenter than a farmer," much to his father's disgust. Several times during the depression he was willing to admit he had made a mistake but he has always held a job in his profession since leaving the University.

He had never been south of St. Louis until 1929 when a Moline heating company he represented sent him to Memphis to open an office. He says that he is "sold on the South" and that even though he's been there for 11 years his voice still betrays him as a "damn Yankee."

Illinois Alumni News

The Federation of the World

[A startling prevision of the airplane in 1842]

Via *The Owl* of Sigma Nu Phi

For I dipt into the future, far as human eye could see,
Saw the Vision of the world, and all the wonder that would be;
Saw the heavens fill with commerce, argosies of magic sails,
Pilots of the purple twilight, dropping down with costly bales;
Heard the heavens fill with shouting, and there rain'd a ghastly dew
From the nations' airy navies grappling in the central blue;

Far along the world-wide whisper of the south-wind rushing warm,
With the standards of the peoples plunging thro' the thunder-storm;
Till the war-drum throb'd no longer, and the battle-flags were fur'l'd
In the Parliament of man, the Federation of the world.

—TENNYSON, "Locksley Hall"

THE UNDERGRADUATES

Iktinos

By J. WESLEY OLDS, W.S.

Iktinos welcomed the return of the old members this Fall, seriously thoughtful in these times of politics at home and precarious International situations all over the world. Gayety and good fellowship are none the less however and all are glad to be back for another year of work and the renewing of old friendships and making of new ones.

We can report a successful summer season at the chapter house conducted under the management of Nelson Spencer who made it possible for us to open up this Fall with a small profit and no debts to start with.

Thirteen of our men have not returned, three due to graduation, Arthur Held, Stanley Richardson and John Phelps. Our ranks have not been seriously depleted though because many more returned than stayed away.

Our programs have proceeded very well thus far. Professor Hammett of the College of Architecture, and a member of Alpha Rho Chi, recently gave a very interesting colored slide lecture on Mexico where he spent his sabbatical leave. All the men of the house contemplate vacationing there now as soon as they find it possible.

Prior to this lecture, Professor Jenks, a new man on the faculty teaching design this semester gave a talk on slum clearance, which we all appreciated. He has made quite a detailed study on this subject.

We pledge another year of progress and work to strengthen Alpha Rho Chi on the Michigan campus.

Andronicus

By PETE BRIEN, W.S.

The opening weeks of our school year have been filled with events of importance to the Andronicus chapter and to the national fraternity. Perhaps most important nationally is the presentation of a sterling silver Alpha Rho Chi Medal to Verle L. Annis for his valuable services to the Fraternity while serving as worthy Grand Scribe. The presentation was made before a joint meeting of Andronicus actives and alumni by George Hoedinghaus. At the same meeting, Hoedinghaus announced his retirement as W. G. S. and the appointment of Robert McClain, Andronicus '38, as his successor.

Members returning to school this fall found that the details of purchasing the house had been completed during the summer through action of the alumni Association. Since 28th Street was recently officially designated as Fraternity Row by the University officials, Andronicus chapter joins the ranks of other recent fraternity and sorority purchasers of 28th Street property. Keeping pace with others on the row, the chapter house was also re-decorated and minor changes were made during the summer. The Mothers' Club generously co-operated by making new drapes for the rooms. Thus the house was prepared for an extensive rushing season.

Three men were initiated on November 3, and the ceremony was completed with the traditional banquet. The neophytes are: Bob Dickinson, John Perfit, and Bob Young.

A recent announcement from the Counsellor of Men's office preceded the presentation of the scholarship cup to the Andronicus

chapter for having the highest scholastic average for the year of any fraternity on the campus. The cup is a circulating trophy, but the members are striving to keep it in the possession of the house.

Mnesicles

By SHERWOOD SMITH, W.S.

The active chapter after a quiet and uneventful summer leisurely strolled back to the Alpha Rho Chi house this fall only to find their summer's retreat at an end and the beginning of a new and vigorous school year in the making. This sudden contrast resulted in an outburst of enthusiasm felt in all branches of the chapter's activities. Bob Siems and Jim Hussey together with John Wiste (when he could be persuaded to depart from the charms of his girl friend) find refuge for their spasms of social activity at a certain rendezvous called "Crooked Lake." This place must have all the attractions necessary to relieve the overworked minds of my fellow actives because its charms are not attracted by the few mentioned above but rather by the whole fraternity.

I don't want to give the impression that the chapter has been devoting all its time to this one enterprise, on the contrary, our homecoming decorations, party and alumni dinner were successful as they always are. The rushing and pledging although not up to our usual par gives promise for many new pledges. Cecil Taman and George Ingerbritzen were pledged recently making the present number of pledges five which isn't a bad beginning.

Bob Siems says that our athletic department fared well this quarter with Alpha Rho Chi placed second in football. The minor sports as tennis, badminton, and bowling were well participated in.

The activities of the quarter ended with the traditional faculty Christmas dinner which was an extraordinary success. The presence of Mr. Schmeckerbrier head of the Fine Arts Department and his assistant Mr. Lesley gave rise to a higher standard of repartee. After this festive occasion the boys gradually made their trek homeward with hopes of rewards for their strenuous quarter's work. I'm hoping too.

Demetrios

By JIM DONALDSON, W.S.

Greetings from the boys of Demetrios here at Ohio State, who started the year off with a bang by attempting to redecorate the study rooms slightly. Inspiration was due to the interiors of Baker Hall, the newly completed men's dorm on the campus.

Social affairs have been on a strictly informal plane, with their success attributed to greatly by Don Wason's aptitude at dreaming up games which leaves no ice unbroken. Our seven pledges, (two in the house) nearly outnumber the actives, but with Hell Week on the way, we expect to convert a few of these into successful actives.

Alumnus Paul Buker, W.A. of last year, and Eric (his Great Dane) have paid a few visits to Demetrios, and Jerry Emerick is keeping us informed on the doings of a few of the alumni. Both have fine positions since their leaving us last year, and we expect better things to come in the near future.

Outside of "Hezz" Lisk's ping-pong playing, there is only one outstanding achievement among the present active chapter, and that is the ability of Tully Ross to sleep any time and any place, and every time he gets a chance.



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THE ACTIVE CHAPTERS

Chapters and Associations Listed in Order of Charter Grants
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THE ALUMNI CHAPTERS

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