



THE Archi



Alpha Rho Chi Fraternity — Architecture and Allied Profession

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NATIONAL CONVENTION OCTOBER 25, 26 -- CHAMPAIGN, ILLINOIS

The next National Convention will be held in Champaign, Illinois on Friday and Saturday, October 25 and 26, 1974. All meetings will be held at the Anthemios Chapter House at 1108 South First Street. On Saturday evening, an outstanding banquet will take place at the Ramada Inn, near the fraternity house. "Bucky" Fuller, our Master Architect will be the speaker. Your wives and family are invited to this great event. At this time ALL ARCHI'S can participate in celebrating the Sixtieth Anniversary of Alpha Rho Chi. All Charter members of all chapters will be honored. (This will not be a football weekend — so traffic will be light. However, on October 19, a week early — you could come and meet Harold "Red" Grange, the greatest footballer.) and then spend a week on the great Illini Campus.

Energy From Wind, Water, and Tides Urged

Reprinted from Asbury Park Press, Asbury Park, N.J., Sept. 1, 1974

PHILADELPHIA (AP) — R. Buckminster Fuller, 79, the self-styled poet of technology, says the world could halt use of all fossil fuels and nuclear energy and rely on windmills, water and the tides for power by 1985.

"Using wind power to generate electricity from which you then, using water, electrolytically convert the water into hydrogen, so all the things we've been running on gasoline we will be running on hydrogen gas which is very much more efficient," he said in an interview at the University City Science Center office here.

But this man of controversy, who was talking about ecology four decades ago, doubts whether business will allow free use of air and water.

Fuller (he likes the nickname "Bucky" and uses it as his cable address) calls "Planet Earth" his home because he is hardly ever in the same place the same week. He zips through a busy schedule that generally includes a lecture somewhere nearly every day.

He's best known for his geodesic dome, or bubble building — "There are more than 100,000 around the world," he says.

Fuller also has invented a three-wheeled rear-engine automobile, a disposable Dymaxion House which can be erected in a day, a bath gun that provides tozal cleaning with a quart of water and a floating break-water he sees as the key to future power and cities built on water.

He's written 15 books and been awarded 38 doctorates although he was expelled from Harvard and was never graduated from college. Fuller is "World Fellow in Residence" at the University of Pennsyl-

vania and Bryn Mawr, Swarthmore and Haverford colleges.

Here are some of the questions and answers:

Q. What's the energy crisis all about?

A. We don't have any energy crisis. We only have a crisis of trying to do the wrong things. We spend more time on how to make money than on how to make the world work. It's quite confusing.

Q. What effect will the energy crisis have on cities, on people?

A. They have to learn a lot of lessons, the hard way. The energy income — you should live on your income shouldn't you, not on your capital? — this is the basic argument. The fossil fuels have taken millions of years to develop, they are a savings account. They have taken millions of years to be deposited in our earth. We are using this savings account instead of trying to live on the energy income. Energy income is the energy we have saved on the planet. It came from some power founded as radiation, as a kind of photosynthesis into the vegetation, in the algae. It takes energy as heat and energy as pressure for a period of time that amounts to, at the rate you and I pay for it, a million dollars to make a gallon of petroleum. And we take it for nothing if we get a pipe down.

Q. Can a world do without gas and oil eventually?

A. And how. It is highly feasible.

Q. What will the people do?

A. We have energy income. If you ran the automobiles directly from the amount of energy, at the rate which we make petroleum, at which fossil fuels are made,



BUCKMINSTER FULLER
Master Architect

coal or oil, you could only keep a few hundred trucks going. But that's because we do it that way. Now I want you to think about our planet which is a sphere. One half our earth is always in the sun. This brings about an enormous temperature differential, which brings about electro-magnetic potential, which brings about lightning and all those kinds of powers.

Q. So eventually we'll be getting all our heat and energy to run machines totally from the sun?

A. We always have. Fossil fuels are from the sun. You put a log in the fireplace and watch it burn. In every minute you burn up a year. It took a year to impound that. You are just unwinding the years.

Q. We should be harnessing all this energy?

A. Of course. The very simple thing is that both government and big business are only interested in making money, and the

(Continued on Page 2, Col. 3)

SCHEDULE
34th NATIONAL CONVENTION
25-26 October 1974
"CONSTITUTION RENEWAL"

Thursday — 24 October 1974

P.M. — Arrival of Chapter and Alumni Delegates and the Grand Council.

Friday — 25 October 1974

7:00 A.M. — BREAKFAST

8:00 A.M. — Call to Order, General Assembly. 1) Welcoming, WGA

8:05 A.M. — Presentation of Credentials.

1) Chapter and Alumni Associations
 8:15 A.M. — Election of Convention Officers. 1) President and Secretary

8:20 A.M. — WGA Report

9:00 A.M. — WGE Report

9:20 A.M. — BREAK

9:30 A.M. — Active Chapter Reports (ten minutes/chapter)

- | | |
|----------------|--------------|
| 1) Andronicus | 5) Iktinos |
| 2) Anthemios | 6) Metagenes |
| 3) Cleisthenes | 7) Mnesicles |
| 4) Demetrios | 8) Xenocles |

10:50 A.M. — Alumni Association Reports (ten minutes/chapter)

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|---------------|--------------|
| 1) Andronicus | 5) Mnesicles |
| 2) Anthemios | 6) Satyros |
| 3) Demetrios | 7) Vitruvius |
| 4) Iktinos | 8) Xenocles |

12:15 P.M. — LUNCH

1:30 P.M. — General Convention Reconvenes. 1) Committee Assignments

2) Constitution and By-Laws Review

1:45 P.M. — Committees Convene

5:30 P.M. — DINNER

7:00 P.M. — Chapter Presentations and Grand Council Consultations

Saturday — 26 October 1974

7:00 A.M. — BREAKFAST

8:00 A.M. — Nomination Committee Meeting

8:30 A.M. — Call to Order, General Assembly. Presentation and Action on Resolutions/Recommendations of Constitution Committees

11:00 A.M. — Nomination Committee Report

11:05 A.M. — Old Business

11:15 A.M. — New Business

1) Election of WGS and WGE

2) Site of next National Convention

11:45 A.M. — Suggestions for the betterment of the fraternity

12:00 P.M. — Adjournment

12:01 P.M. — LUNCH

1:00 P.M. — Formal Initiation

6:00 P.M. — Cocktails — Ramada Inn

6:30 P.M. — Banquet Dinner — Ramada Inn

8:00 P.M. — Presentation of Master Architect — R. Buckminster Fuller

10:30 P.M. — Closing Remarks

Singing of Alpha Rho Chi Hymn

GRAND COUNCIL PROJECTS

National Slide Show

The National Office is in the process of collecting 12-15 slides from each Chapter and 5-6 from each alumni association and National Appointee. These slides, once gathered, will be composed into a slide program with copies of the program going to each chapter to serve during rush functions. The program would also be available to universities and others who would be interested in Alpha Rho Chi. Many Chapters have sent slides while others are in the process of gathering additional photos of this Fall's activities. The program is planned to be ready by January 1975.

National Calendar

A 1974 Alpha Rho Chi national calendar was presented to all members who attended the January 1974 Worthy Architect's Grand Council Meetings in Champaign, Ill. The calendar 42"x36" provided write-in space for each day of the year so that Archi events, as well as personal reminders, could be logged for a year in advance. Each chapter received a copy for their official use and other copies were available for \$2.00 each from the National Office. Some chapters offered the calendar for sale to members as well as other students in the college.

Status Sheets

In an effort to stimulate communications between students, alumni and National Officers, the Fraternity established four status sheets. The current activities and progress is printed on the: National Officers & Projects, the National Appointees, the Chapters, and the Alumni Association. Every person involved with a Fraternity project is given space to report on the affairs of their position. The number of members, the rental capacity of the chapter house, what's the next step and by whom are some of the information presented. The reports have been published by the WGS every 4-6 weeks throughout the school year. In addition to keeping everyone informed it also quickly points out those that are not keeping up with the current projects within the Fraternity.

New Stationery Design

A design competition was announced to all students and alumni members for the format of our national stationery. Entries have been received and the winning designer will be announced at the October convention. The competition called for first and second page letterhead and envelope. Certain APX information had to be included and the suggestion was made that the design be adaptable for use by the various chapter.

Alpha Rho Chi Medal

Our many thanks to Mrs. Margaret E. Shultz, State College, Pa., who for the past few years handled the distribution of

the Alpha Rho Chi Medal. She has handled this award in a most professional manner while receiving little recognition of the hours spent on behalf of our Fraternity. Mrs. Shultz plans to retire this year and spend her spring months in sunny Arizona. Beginning with the 1975 distribution of our award operations will be managed by the Worthy Grand Scribe.

Again our thanks to Mrs. Shultz and congratulations on your retirement.

Pledge Manual

Our Pledge Manual has undergone an in-depth review by our Fraternity. Chapter outlines, topics, sketches, past wordings and proposed wordings were sent to all chapters, alumni associations and National Appointees. Having received their comments and suggestions they have been returned to the National Office. The Worthy Grand Scribe will collate and tabulate the results. The proposed revision will be presented to the APX Convention in October.

Satyros Colony????

A meeting was held May 7th between architecture students at Arizona State University and Alumni members of Satyros Chapter. An exchange of questions and answers covering the purpose of history of Alpha Rho Chi at ASU and how the chapter might be reorganized on campus. Since then APX has been cleared by the University, for re-establishment pending a formal request by the architecture students. Additional meetings with the students and alumni are planned for the early fall.

ENERGY FROM WIND, WATER, TIDES

(Continued from Page 1)

big companies are only interested in what you can sell over a pipe or a wire. They are not interested in the human beings having direct access to energy. So we have no government helping with windmills, and all the windmills have disappeared. So I got very interested in windmills.

Q. Will windmills be the future of energy?

A. Not only windmills, but water power. All the tidal power. I have just finished a project (with) 30 of the very top students from America and other countries. We're able to show that it is highly feasible by 1985 to phase out all fossil fuel burning, phase out all nuclear energy to get on entirely on what we call income energy, particularly using wind power to generate electricity from which you then, using water, electrolytically convert the water into hydrogen. So all the things we've been running on gasoline we will be running on hydrogen gas, which is very much more efficient.

Presented at P.I.C. Conference
in New Orleans May 4

**Fraternities and College Honor
Societies — Changing Trends With
An Outlook to the Future**

Prof. Karlem Riess, Ph.D.
Tulane University

I am grateful for the opportunity to share with you a few observations about the status of college fraternities and honor societies, and to use the familiar crystal ball to project into the future. As a long-time member of a social fraternity, as a faculty advisor to an interfraternity council, and a member of several honor societies, as well as the national president of one, I have observed disquieting changes in both groups.

The social fraternities experienced a period of strength and growth immediately following World War II. This was due in large measure to the returning veteran students, who wanted to participate in all forms of college life. In turn they gave the chapters mature leadership and stability. This growth pattern continued well into the 1960's, to be halted by the nationwide campus unrest of 1970. It is well known that the Kent State affair, the Jackson State incident, and others, served as rallying points for a large proportion of the college undergraduates. They became vocal, often destructive, and definitely anti-everything that had been a part of the college scene before. Fraternities and sororities were considered part of the "establishment" and it was not the thing to do to affiliate. The entering freshman class in the fall of 1970 was subjected to great pressure by those upperclassmen who had participated in the campus uprisings. As a result the number of pledges took a sizeable drop, something that had not occurred before in the history of fraternities. This meant the general weakening of existing organizations, the closing of chapters on some campuses, and much consternation in the national offices of the fraternities and sororities. Many of the "old guard" national officers could not understand what was happening, and attempted to discipline dissident chapters instead of trying to work out solutions. Their rigid adherence to the "law" of the organization undoubtedly contributed to the demise of many chapters.

This general weakening of the system continued throughout 1971 and part of 1972. It was not until the rush season of 1973 that substantial improvement in the number of pledges was recorded nationwide. While some campuses began to improve in 1972, there was not a significant change until last year. Percentage increases vary, but range, on the average, between 10% and 20% on each campus. For example, at Ohio Wesleyan 33% of the freshman class pledged in '72, and 54% in '73.

CHICAGO CIRCLE TOUR -- May 25, 1974

Only Anthemios Alumni showed up for the excellent illustrated presentation by Bill Adelman. It was entitled — "A Picture of a City and Its People". An outstanding "Greek Tasties" Lunch was eaten by every-

one. Then a tour of the Chicago Circle Campus was really excellent — new buildings, new ideas for studying college subjects. The two photos show some of the building and alumni.



Mrs. George Whitten, Mrs. Nan Slygh, Ed Slygh '30, "So" Whitten '22.



John Geiger '50, Herb Frentzel, Mrs. John Geiger, Mrs. Kenneth A. Smith, Ken Smith '35.

Remarks from W. G. S.

What should the Fraternity's program be to re-unite more of our alumni with the student members? And once these programs are defined, what speed will we be able to sustain in pursuit of the objectives? Simple you say, full speed ahead. However, there are certain inert problems which currently may slow our intentions. Unlike a corporation which can quickly call together a meeting, review the problem, assign personnel and solve the assignment, Alpha Rho Chi is separated by many miles and spread over twelve states. The three Grand Council Officers alone reside in Oregon, Virginia and Arizona, hardly a handy arrangement to call a 3:00 afternoon meeting. Even available time separates us, since none of our members can; make a living, support his family or get a college diploma by devoting full time to the Fraternity, it is his free time; after work, or after classes that must be used to promote our objectives. Thus, it can be seen how full speed ahead for one can run aground of a class assignment for another.

Each of us has chosen a profession that demands co-ordination and co-operation between many diverse contributors. The need and training to fulfill one project, while at the same time meeting many other assignments, begin while we are in a university and intensify as we progress into our profession. The ability to organize the problem, manage the contributors and accomplish given tasks within a limited time frame is the mark of an accomplished

professional. The free time of a young alumni seems to falter under the heavy demand for his hours when entering the practice on a full time basis. The adjustment to the work loads, the changing economic and social position that occur during the first few years after graduation, have caused many alumni to withdraw from Fraternity activities. The time required to adjust to these conditions and the ability to create "free time", which might be re-available to our fraternity, is dependent on the talent and training of the individual. For most it's a matter of two or three years, for some it may never occur. During these years new time use patterns develop which may not include APX. The challenge then facing the student members and the National Officers is to appeal to these newly emerging alumni that:

1. The Fraternity is a deserving recipient for a few of those precious "free hours".
2. The students, in our many Chapters, have the desire and ability to become partners in the professional and environmental improvement.
3. Alpha Rho Chi can provide a broad framework by which local solutions can quickly become a national proposal.
4. Alpha Rho Chi will broaden our goals and increase our programs to meet the changing demands of the students and young alumni.

With a re-joining of students and alumni, they can, on a local or national level, contribute their combined talents to a program as deserving and broad as they define and one that can be far more rewarding than many daily assignments.

Prof. Riess' article will be continued in next issue.

ALPHA RHO CHI FRATERNITY

THE GRAND COUNCIL

Edward A. Rhodes, W.G.A., P.O. Box 636, Pendleton, Oregon 97801 (503) 276-6876

Charles A. Mosher, W.G.S., Res: 2351 East Delgado St., Phoenix, Arizona 85022 (602) 992-2333. Bus: Acanthus: 777 Camelback, East, Phoenix, Arizona 85014 (602) 248-7277, Suite 110

Richard E. Murray, W.G.E., Res: 8908 Camden St., Alexandria, Virginia 22308 (703) 360-3955. Bus: (202) 755-6207

MASTER ARCHITECT

R. Buckminster Fuller

NATIONAL APPOINTMENTS

Allen Carney, National Inspector, 1669 Beverly Road, Fairmont, West Va. 26554. Res: (304) 363-4275, Off: (304) 366-1580

Wayne Burford, Deputy, 3321-D Norfolk St., Houston, Texas 77006. Res: (713) 666-7830, Off: (713) 549-4451-X-253

Steve Janick, Deputy, 1910 Arborview, Ann Arbor, Michigan 48103. Off: (313) 761-8713. Res: (313) 663-9275

Howard B. Van Heuklyn, G. L., 3110 Buckingham Road, Glendale, Cal. 91206 Off: (213) 258-3171. Res: (213) 244-4071

George A. Whitten, G.A., 1619 Walnut, Wilmette, Ill. 60091 (312) 251-6191

George Fritzinger, Editor, 9705 W. Main St., Belleville, Ill. 62223 (618) 397-2342

Ronnie Grogan, Associate Editor, Xenocles Chapter

ACTIVE CHAPTERS

ANDRONICUS — University of Southern California, 715 West 28th St., Los Angeles, Calif. 90007 (213) 746-8050

ANTHEMIOS — University of Illinois, 1108 South First St., Champaign, Ill. 61820 (217) 344-9562

CLEISTHENES — University of Houston, Box 105, Campus Activities Building, Univ. of Houston, Houston, Texas 77004. Coll. of Arch (713) 749-1188

DEMETRIOS — Ohio State University, 229 East 17th Ave., Columbus, Ohio 43201 (614) 294-3243

IKTINOS — University of Michigan, Steve Janick, 1910 Arborview, Ann Arbor, Mich. 48103, Off: (313) 761-8713; Res: (313) 663-9275

METAGENES — Virginia Polytechnic Institute, 105 Lucas Drive, NE, Blacksburg, Va. 24060 (703) 552-9775

MNESICLES — University of Minnesota, 605 Ontario St., S.E., Minneapolis, Binn. 55414 (612) 331-7962

XENOCLES — University of Texas at Arlington, 400 South Cooper, Arlington, Texas 76013 (817) 265-4178

ALUMNI ORGANIZATIONS

ANDRONICUS Alumni Association: Pres. Remo Vecchi, 13019 Dewey Street, Los Angeles, Cal. 90066. Bus: (213) 395-7682.

ANTHEMIOS Alumni Association: Pres. Edward J. Slygh, 738 Clinton Place, River Forest, Ill. 60305 (312) 369-6274

DEMETRIOS Alumni Association: Pres. Gene Milhoan, 527 Kenbrook Drive, Worthington, O. 43085

DINOCRATES Alumni Association: Pres. Larry W. Gooch, 1623 Palma Plaza, Austin, Texas 78703

IKTINOS Alumni Association: Pres. Steve Janick, 1910 Arborview, Ann Arbor, Michigan 48103. Off: (313) 761-8713. Res: (313) 663-9275

METAGENES Alumni Association: Pres. Hunter C. Bristow, 2811 Meadows St., N.W. Apt. #27, Roanoke, Virginia 24012. Res: (703) 362-3122

MNESICLES Alumni Association: Pres. Keith Sjoquist, 4339 Garfield Avenue, South Minneapolis, Minn. 55409. Res: (612) 825-3576

SATLROS Alumni Association: Pres. Henry G. Metzger, Jr., Suite #202, 221 E. Indianola, Phoenix, Arizona. Bus: (602) 264-9541. Res: (602) 949-0932

VITRUVIUS Alumni Association: Pres. Franklin D. Baxter, 677-B Waupelani Drive, State College, Penn. 16804. Tel: (814) 238-1112

XENOCLES Alumni Association: Pres. James Gaston, 1311 West Lovers Lane, Arlington, Texas 76013. Bus: (214) 262-4660. Res: (817) 265-4178



ALPHA RHO CHI NATIONAL FRATERNITY

Tel. (503) 276-6876
Pendleton, Ore. 97801

Central Office
P.O. Box 636

Non-Profit Organ.
BULK RATE
POSTAGE PAID
Permit #46
Pendleton, Ore. 97801

Mr. George Whitten