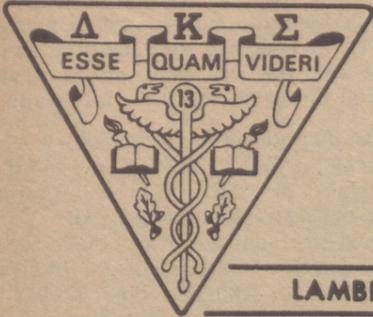


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# Blue & Gold Triangle

LAMBDA KAPPA SIGMA -- INTERNATIONAL PROFESSIONAL FRATERNITY FOR WOMEN IN PHARMACY

## PRESIDENT'S CORNER

MARILYN HABERLE

This has to be a brief reflection as well as a note of expectation of things to come. We can look back on a two-year period that seems very quiet. And while it has been quiet on the surface, there has been an undercurrent of uneasiness that has made it difficult to concentrate on the real priorities. We passed a resolution at the 23rd Biennial Convention in Anaheim to remain a single sex organization and to support measures to maintain our present identity. This resolution was a guide to Grand Council in certain decisions that had to be made during this biennium. We followed this dictum when we voted on issues at the Professional Panhellenic Convention in October, and we further supported this resolution when Lambda Kappa Sigma supported FAIR (Fraternal Alliance for Inalienable Rights). Grand Council members have kept informed on the Title IX issue. We have kept abreast of the federal government's position, and we have written letters to members of congress asking that they support legislation that will support an exemption for collegiate professional organizations.

Grand Council has not passed this concern on to the chapters because we were advised by knowledgeable sources that it was best to wait quietly until a university or college brought forth the issue of our membership qualifications.

One of our chapters has recently been challenged. Grand Council acted to remove the burden of responsibility from the chapter, and a solution to the problem is being sought. It is important that no chapter sign a statement or give out any information concerning membership requirements or inquiries about the amount of assistance they receive from a school until Grand Council has been contacted. It is the responsibility of the institution to inspect the organizations on their campus and to prove substantial support. We understand substantial support to mean assistance given to the degree that the organization could no longer exist as it presently does if this assistance was removed.

We need not be alarmed by a challenge, but we must be prepared to meet each challenge with informed concern. Each situation must be evaluated individually, and the proper course of action can then be taken.

Each delegate should come to convention prepared to discuss this issue. It will be a major topic of discussion. Each chapter should discuss the proposed amendment that has been sent to the chapters, and send their delegate prepared to vote according to the wishes of the chapter. I personally am not prepared to abandon our current status as a professional fraternity for women in pharmacy. It is a problem that takes considerable thought. Each member must give this issue careful attention.

The 24th Biennial Convention in Toledo could be the last meeting of our fraternity as we now know it. The next biennium could be a long struggle of individual challenges if we decide to maintain our membership requirements as they are. We must also be atune to what other professional fraternities in pharmacy are doing with their membership requirements. It is a time to really examine who we are, what we want others to see and where we want to be in the future.



JEANNE HAWKINS  
B. Olive Cole Grant Recipient



A-mae News

ADELE LOWE,  
Member-at-Large

## Adele's nostalgia

Knowing how much you value those glass label antique pharmacy bottles, and rightfully so, I thought that in this Bicentennial year we could find some data about several of our "collectables" which we revere. I ran across an old book in Dean Kaufman's office at Butler University and noticed it was over 100 years old and that it contained information about the labels and how they were made and affixed to the hand blown bottles.

From Parish's Treatise on Pharmacy, by Wiegand came this information. "In the case of bottles, displayed on the shelves, gilt labels are now very generally used. The New England Glass Company gild an appropriately-shaped space upon the bottle, and then put it into the fire so as to fuse a thin coating of glass over it, and the letters are afterwards put on with paint; but this is a very expensive process of gilding. A more common method is to apply the gold on the under surface of a curved glass label, on which the letters have been previously painted backward, then to cement this on the bottle with a dark-colored cement. The cement is composed of 3 parts of resin and 1 of wax.

One of the advantages of this method is that the labels can be prepared systematically by expert letterers, then sent to the required place and applied to the bottles at leisure. They also can be removed at any time by the application of sufficient heat to soften the cement. The exposed surface of the glass is free from paint or gilding, and may be cleaned and polished without injury. On moulded bottles there is sometimes an indented label-space to hold a glass label of the kind described, so as to secure this is not practicable in making blown bottles."

Some interesting facts about the book from which this was taken, are that it was a text book for the student, and a guide for the physician and pharmacist. This, the fourth edition was printed in 1874. Mr. Parish died in 1872 as the book said, "Stricken down while in the zealous discharge of his duties as a peace commissioner to the Indians."

## Jeanne Hawkins named grant winner

The fourth Dr. B. Olive Cole Graduate Educational Grant has been awarded to Jeanne Hawkins. Jeanne was initiated into Lambda Kappa Sigma in 1971 by Phi Collegiate Chapter. She attended the 1972 National Convention in St. Louis and the 1974 National Convention in Anaheim. Jeanne feels she was fortunate to be able to serve her collegiate chapter as Recording Secretary (3rd year) and as Vice-President and Pledge Trainer (4th year). She was Convention Chairman for the Midwestern Regional Convention in 1973 (5th year). In June of 1974, she graduated from Butler University. Jeanne joined Phi Alumnae Chapter upon graduation and served as Co-chapter advisor to the collegiate chapter during 74-75 with Adele Lowe. She was elected to the office of President of the Phi Alums, an office which she regretfully had to decline when she moved to Atlanta.

Jeanne's education will be completed in December of 1976. At that time, she will have a Master's Degree in Hospital Pharmacy and a Doctor of Pharmacy in Clinical Pharmacy. The first year of her graduate school was completed at Butler University. A total of 36 hours are required for the Master's Degree; she has completed 24 hours, the remaining 12 hours will be completed in the fall 1976 semester. Jeanne is currently enrolled in a Doctor of Pharmacy Program at Mercer University in Atlanta, Georgia. This program requires 61 quarter hours and she will finish this program in August of 1976. Jeanne is planning to return to Butler and finish the Master's during the fall 1976 semester. She explains that the reasons for her move to Atlanta and for getting both a Master's and PharmD are as follows:

1. A Master's Degree is primarily a research degree and administrative degree, whereas the PharmD is a clinical and practical degree. By completing both she will have training in both Administration and Therapeutics.

2. Ideally, Jeanne would have finished her Master's Degree before starting on the PharmD. However, the offering of courses for the Master's was such that she would be finished with the Master's in December and then would not have been able to start on the PharmD until September of 1976.

In summary, by moving Jeanne saved eight months so that she could more efficiently use her time. Jeanne will have both degrees in two years and four months.

Jeanne explains her future plans, "I am currently seeking academic positions that combine the roles of educator with that of the practitioner. I think it is of utmost importance that the 'teacher' of clinical pharmacy be involved with current clinical practice and problems. In this way, the practitioner will be current in theory AND practice so that the student gains a more rounded insight into practice."

To the Dr. B. Olive Cole Graduate Educational Grant Committee:

I would like to thank the members of the committee and all the sisters of Lambda Kappa Sigma for bestowing such an honor on me. It is indeed gratifying to be chosen as the recipient of the grant. As we are all aware, the costs of education are ever increasing. With the monetary component and other needed materials for my education, I will now be able to subscribe

to journals that I otherwise would have had to forego. This is truly an honor I shall never forget. I sincerely appreciate being selected for the Dr. B. Olive Cole Graduate Award.

Fraternally,  
M. Jeanne Hawkins

## Lamb's Tales



by Frances Curran

Nancy Leach (Alpha) and Jamie Rossano (Alpha Epsilon) have been accepted into the Pham. D. program at the Philadelphia College of Pharmacy and Science. Look up the Eta girls when you get there, gals.

Judy Riffie, Midwestern Regional Supervisor, has had the bad luck to break her ankle and is now in a leg cast. She expects to be just fine by convention time in July.

Shirley McCloskey, Grand Treasurer, wants me to inform chapters which order badges and other jewelry after May 1 to have the order mailed to someone's home address or to a specific individual if mailed to a college address over the summer.

Alpha Zeta Alums are planning a garage sale in May and expect to make a substantial sum for the treasury.

Eta Alums are organizing a tail-gate sale for May also; it's the first attempt at such an ambitious project. The proceeds will go into the Scholarship Fund. Eta Alums screened 375 persons for hypertension in one day in March at a Health Fair sponsored by the Junior Chamber of Commerce.

Alpha Alpha collegiates are looking forward to their formal dinner dance and the senior dinner - to take place in the Bicentennial City - Philadelphia.

Member-at-Large Adele Lowe, and the Phi Alums and Collegiates were leaders in a big project - "Pharmacy in the Bicentennial" in Indianapolis, March 23 to April 3. The event was sponsored by WONARD, The Indianapolis Association of Retail Pharmacists and Butler University. Originals of the "History of Pharmacy" paintings from Parke Davis were a highlight.

Eta Collegiates staged a week long Jump-A-Thon in downtown Philadelphia for the benefit of the West Philadelphia Mental Health Consortium.

The fraternity system celebrates its bicentennial this November in Williamsburg, Virginia - Phi Beta Kappa was Number One. Lambda Kappa Sigma and PPA will be there to help the celebration to be successful.

Last call - There is still time for a volunteer member to attend the IPSF Congress in Vienna this summer (July 31 to August 8). Contact the Grand Secretary immediately.

Reminders: Rosters and Annual Report-History forms must be sent to the appropriate person by June 1st; pink cards for graduating members must also be sent to the Grand Secretary by June 1st. Convention Delegate Credentials must be sent to the Grand Secretary and Grand Treasurer by May 25th.

See you at the Convention in Toledo.  
FRANCES F. CURRAN

## Cora E. Craven Educational Grant Recipients



**DONNA LEE KLINE** from Eta Chapter is fourth in a class of 209. She takes an active interest in her work and assumes her responsibilities seriously. She is working part time to help defray part of her college expenses plus receiving the Thomas S. Wiegand Scholarship. She is secretary of her fourth year class and a valuable member of Eta Chapter.

To the Educational Grant Committee:  
I would like to express my appreciation for your choosing me as a recipient of the Cora E. Craven Education Grant. It is quite an honor for me to be awarded this grant and the money I received contributed significantly to pay my expenses for this semester.

Both my parents and I thank you for your help and for making this kind of grant available to its members.

Fraternally,  
Donne Lee Kline  
Eta



**ALICIA FLENER** who is First Vice president of Alpha Nu and pledge coordinator. She has worked to support herself as much as possible and be independent from the family since there are many children in the family to educate. She started last summer to plan for the Southern Regional meeting and had several meetings with their advisor, Gloria Doughty, to discuss plans for the Regional meeting and Chapter rush. Her duties as pledge chairman were carried out with enthusiasm and pleasant attitude. As a result 32 girls were pledged. She is in the top 15% of a class of 90.

**MARGARET HARRISON**  
Chairman of Cora E. Craven  
Educational Grant Committee

To the Educational Grant Committee:  
I would like to thank the Cora E. Craven Educational Grant Committee for selecting me as a recipient of the grant. I sincerely

appreciate the honor. I received the letter a few days before Christmas so it was a surprise for me as well as my parents. The money will be used toward tuition. Thanks again!

Fraternally,  
Alicia Flener  
Alpha Nu



**JUNE K. WOODRUFF** is Xi's chapter president and pledgemaster. In 1974 and 1975 June took it upon herself to re-organize and stimulate interest in Xi Chapter which was very inactive and almost defunct. There are now 20 members and it is due to June's interest in Lambda Kappa Sigma. She felt it is such a worthwhile organization that many girls could benefit from it. Her attractive personality, good scholarship and concern for the welfare of the students of the college have been widely recognized by the faculty and staff. In this respect she exemplifies the high ideals of Lambda Kappa Sigma.

To the Educational Grant Committee:  
I was both delighted and surprised to find out that I was one of the recipients of the Cora E. Craven Grants.

I want to express my thanks to Lambda Kappa Sigma for making this educational grant available to me, and to the Grant Committee for taking the time to consider myself a worthy recipient. I'm sure there were many equally deserving applicants.

This financial assistance will help me to complete my final semester at the University of Rhode Island.

Had to let you know how grateful and appreciative I am.

Fraternally,  
**JUNE K. WOODRUFF, XI**



**ANTONIETTA SCULIMBRENE**, a member of Tau Chapter has an outstanding record. Her outstanding work dates back to high school days when the caliber of her projects made her an annual winner in the Junior Academy of Science both locally and statewide. She has won many Gold excellence. At the Quguesne University she completed 2 years of work in one year and currently has completed 71 credits with all A grades and 29 credits of advanced standing. She is in her fourth

year of the pharmacy curriculum and takes part in the pharmacy research program. She takes an active part in Lambda Kappa Sigma.

Both her parents are deceased so she finances the entire cost of her education from her own resources.

To the Educational Grant Committee:  
I am very honored to have been chosen as a recipient of the Cora E. Craven Educational Grant. I would like to extend my thanks to the fraternity for this award. I am grateful for this special bonus in addition to the many socially and educationally enriching experiences I have had as a member of this fine organization.

Fraternally,  
Antonietta Sculimbrene  
Tau



**JANET LYNN KETNER**, whose home is in Morristown, Tennessee, a member of Alpha Epsilon Chapter is a junior at University of Tennessee. Janet has financed her education from money made from summer jobs, her job at school and through the University's financial aid in the form of a loan.

At present she is a reporter for Lambda Kappa Sigma and is involved in a number of campus activities and is extremely interested in fostering the best image of pharmacy students in their medical units complex. Among the faculty she is known for her hard work, cooperation and dedication to the profession.

To the Educational Grant Committee  
I would like to take the opportunity to thank the Fraternity and especially the members of the Grant Committee for awarding me one of the Cora E. Craven Educational Grants. I am honored to receive this Grant, and it means a great deal to me. My family and I both deeply appreciate it, as it relieves quite a bid of my financial burden caused by my educational in pharmacy school. Thank you again.

Fraternally,  
Janet Lynn Ketner  
Alpha Epsilon



**CATHERINE PAYNIC** from St. Louis College of Pharmacy and Science is presently Corresponding secretary of Alpha Zeta Chapter and was Chairman of the Alpha Zeta Muscular Dystrophy drive

in 1974. She has been a willing worker on the chapters various service projects in the community.

Cathy earns a portion of her education by working at the college. She has proven her scholarship by being on the Dean's list 2 out of 4 semesters that she has been at the college. She has also proven her love for her fraternity and her willingness to give of her time, and her determination to make her own way when others would have given up or settled for mediocrity.

To the Educational Grant Committee  
Thank you for choosing me as one of the recipients of the Cora E. Craven Educational Grants. I am honored.

Since my initiation in Alpha Zeta Chapter three years ago, my original skepticism of "fraternal organizations" has subsided and my faith in Lambda Kappa Sigma strengthened. I have discovered Lambda Kappa Sigma to be more than a mere beer blast or just a good time which seems to be the livelihood of some fraternal organizations.

As I have found and am sure you are all aware, being a member of LKS requires a certain responsibility, not only to its members but also to other members of society. I am relieved to see that as we grow, we are continuing to better ourselves and our standards even when they (our standards) may not initially lead us to popularity.

Thank you for both honors: Of being awarded this Grant and even more importantly, of being a member of LKS.

Thank you for your help and for being what you are. In return, I will strive to maintain our goals; and furthermore, I hope I can be as understanding and as giving as you have been to me.

Fraternally,  
Catherine A. Paynic  
Alpha Zeta



### A MONEY-MAKER

If your chapter is looking for a unique money-maker, why not try this recipe for Hard Candy made with any number of pure flavoring oils obtainable in your pharmacy. Put the candy into glass apothecary-jars. A nice bottle is the one Squibb packages its Theragran products. They come in several sizes, so start saving them ahead of time for the anticipated sales on the candy. Other inexpensive bottles are obtainable in other stores. Tie a piece of ribbon around the neck of the bottle and type a label identifying the flavor of the candy and color the border with a felt tip pen that matches the color of the ribbon. With the price of sugar down now, you should be able to get at least a dollar for a small jar and \$1.50 for the larger jars of candy. Here is the recipe:

3/4 cups of sugar; 1 1/2 cups light corn syrup (Karo); 1 cup of water; 1 teaspoon of flavoring oil.

Sprinkle 18x24 inch strip of heavy duty aluminum foil with powdered sugar. Mix the first 3 ingredients in large heavy sauce pan. Stir over medium heat until sugar dissolves. Boil, without stirring, until temperature reaches 310 degrees F. Remove from heat. Stir in the flavoring oil and coloring. Pour onto foil. Cool. Break into mouth size pieces. Store in airtight containers.

Suggested flavors and colors:  
Peppermint, cinnamon, spearmint, anise, saffras, pink, red, green, dark blue, light brown, lemon, orange, grape, wintergreen, cherry, yellow, orange, purple, pale green.

Julia Pishalski, Omicron Alumnae

### NOTICE TO CONTRIBUTORS

All manuscripts (chapter reports, articles, notices, announcements, other material) submitted to the Editor should be ready for publication, typewritten, double spaced on good quality paper 8 1/2 x 11" and with 1" margins. All pages should be numbered consecutively. Each manuscript should be identified with the author's name and chapter. Photographs may be color or black and white which ever are lighter and clearer. They should be protected from bending and possible damage in the mails; do not roll photographs. Do not write on the back of photographs; identify individuals in the photographs on a separate sheet of paper.

# News from Our Chapters



## BETA

Beta Chapter went right back to work after vacation by holding a Slave Day Raffle. Raffle tickets were sold for five days and on the fifth day 18 sisters were raffled off. The slaves volunteered their services to their masters for 2 hours. Basic household work was done, nothing strenuous. The slaves and masters enjoyed it very much-it was successful.

Our Rush Party will be held on February 4, at Cosimo's Restaurant. There will be pizza and beer. On February 10 bids go out, and pledging will begin on February 16. Our Pledge Committee has done a very good job coming up with many new ideas, and fun assignments. We are expecting to have a good size pledge class.

At the Veterans Hospital, this semester, we will have a new service project. We are called ward secretaries and will perform duties such as giving directions, taking messages (written and telephone), and making sure that visiting hours are obeyed. We take turns, 3 girls a week for 3 hours. It should be very interesting, because we will be dealing in a professional atmosphere.

The Closed Weekend is scheduled for March 12 and 13. The dinner-dance will be held at the Century House. There will also be a wine and cheese party, and a cocktail party that will be held at the sisters apartments. It should be a fantastic weekend.

Congratulations are extended to Nancy Lipowicz and Linda Kenyon on their engagements. We wish them the very best in life.

HOLLY F. GRIFFITH

## ETA CHAPTER

The end of the year is in site and of course we are trying to cramp everything in.

We have fourteen pledges this semester. They are Andres Abramczyk, Romona Ackalysky, Judi Biglin, Judy Bocco, Cheryl Boholnick, Pat Brady, Sue Cancelosi, Sandy Coccetti, Eileen Eovington, Jana Delturk, Donna Dragon, Lynn Goldfarb, Karen Kovalovich, Denise Mercuri, Nancy Mitchell, Debbie Primka, Anita Sacce, and Kathy Tierno. We are sure they will be a credit to the fraternity.

Our Hygia Day program is being held on March 17th. John Guinther from the Philadelphia Magazine is going to speak on the juvenile judicial system. It is a program that we all should be interested in, seeing that we will probably have children of our own someday.

We are holding another Jump-A-Thon this year. It will be from March 29th to March 31st. We'll jump rope from 7:00 a.m. to 6:00 p.m. The money is being raised for the West Philadelphia Community Mental Health Consortium, Inc. They do a tremendous amount of work in our community. Their services range from counseling to serving hot lunches to the elderly. They don't expect payment for their services, unless the person is able to afford it, then donations are accepted.

Our large money making event of the year is our annual Frat Review. This year it will be on April 13th. All the fraternities except one, on our campus are participating. They will be given twenty minutes to put on some sort of show for the audience. We have three judges that vote along with the audience. The winner is awarded a trophy at the end of the night. Good luck in everything you do this Bicentennial year.

NANCY L. STOCK

## ALPHA IOTA

It's that time again--SPRING will soon be here. And of course we have alot planned.

Right now we are planning to participate in the annual Greek Fun Night. The theme this year is The Wide World of Television. That should really "channel" our thoughts for new ideas.

We also are involved in Greek Bowling. Many of our sisters aren't pro bowlers but they are out giving it the ol' college try. If they aren't bowling, they are rooting the lambs on to victory.

Our morning coffee hour is quite well. As always we are donating another one hundred dollars to Project Hope and plan to do the same next quarter.

New pledges? You better believe it! Three of them! Loretta Temple, Bonnie Jo Vincent, and Laura Faith are working hard and enjoying their pledging activities as all new born lambs should.

Spring weekend is approaching fast and we are anxiously awaiting its arrival. We plan on doing some canoeing, partying and overall having a good time. We are also looking forward to seeing some alumni lambs.

We have planned many rush parties for the coming quarter and hope to attract new faces to the lamb community.

Have a nice spring!!! See you all in Toledo.

CINDY PLEMMONS

## ALPHA ZETA

The past few months have been busy one's for our chapter. During March we initiated thirteen new members. We came back from our spring break to celebrate Hygeia Day by enjoying a great breakfast together at Denny's.

Later that week we announced the winners of the Poison Prevention Poster Contest. This is an annual project sponsored by Alpha Zeta during Poison Prevention Week. Two fourth year students took first and second places. We hope to see even more participation next year.

From March 15-19th our school had a Bicentennial Celebration. During that week, Alpha Zeta participated by sponsoring a bicentennial quiz. We would like to congratulate Bill Pemberton, who won in a tiebreaker. He really knows his American History and received an uncirculated set of bicentennial coins.

Of course, in all the rush we couldn't forget our mothers. Alpha Zeta held their annual Mother-Daughter banquet at Luigi's this year. We had a lot of fun and laughs showing our mothers just what LKS is all about and what it means to us.

Our future plans are going to keep us busy. We have a car wash and several bagel sales planned for April. This summer we have several float trips planned and of course a visit to Six Flags. Have a good summer! See you at the Convention in Toledo.

## ALPHA ALUMNAE

Alpha Alumnae Chapter hopes that when Lambs come to Boston this summer they will call us and we will try to give any information and assistance that you would like.

Boston has a lot of things to see and a lot can be done with public transportation.

We had a post-Christmas party at Elsie Gassiraro's house. We enjoyed the company of all the collegiates who came.

We are having a Dinner and Theater Party April 7, to see My Fair Lady.

We will celebrate Hygeia Day at the College with our collegiate chapter. Barbara Fitzpatrick will be our speaker.

Pat McGarvey Pentleton and her husband are off to a week of skiing.

Rosetta Amodeo Hassan has just returned from a week cruise in the Caribbean.

Lorraine Dubois will be leaving soon for a week of skiing at Lake Tahoe.

As for yours truly I am looking forward to the Convention in Toledo and hope to see you all there.

ELSIE GALGANI

## ETA ALUMNAE

Greetings Sisters,

Eta Alums are back into action after the holidays. We collected our Christmas Cards to send to an organization in India. On December 3, 1975, we had our annual Christmas Party for Eta Collegiate Seniors. It was a great success. The Alums baked their fruit favorite desserts which were enjoyed by all. We also had a drawing for a ceramic Christmas Tree that was donated by Marian Ricardo. Marian also made the ceramic candle holders which were given to our seniors.

On January 14, 1976, the Alums had a Pot-Luck supper meeting. We discussed our plans for Hygeia Day celebration. The speaker for the day will be Mr. John Guinther, a writer from Philadelphia Magazine. We will also present our 2nd Annual Eta Chapter Educational Grant.

We are planning to have a Tailgate Sale this spring to help raise money for our

Scholarship Fund, and also in the works for the spring is another Hypertension Screening. We are trying to get a location in the suburbs so we will be able to make a comparison study of city vs suburbs.

We would like to thank Dr. & Mrs. Arthur Osol for their generous contribution to our Scholarship Grant Fund of \$1,000. Eta Alums are very grateful.

I would like to take this time to inform our sisters of our Dinner Dance planned for April 10, 1976, and wish all the sisters an enjoyable summer.

GERRY BARNES

## PHI ALUMNAE

Greetings Sisters; At the February meeting we had a speaker on Federal Health Programs.

Two of our Phi Alumnae sisters-Adele Lowe and Anita Meek are helping to organize the "Bicentennial in Pharmacy" program; the original Parke-Davis Paintings of Pharmacy are on display.

Hygeia Day is being celebrated with the collegiates and a speaker from the Retinitis Pigmentosa Foundation which we support as a philanthropic project. A plant party is being planned for in April.

The graduating seniors from Butler will be honored in May with a buffet meal. In June we will celebrate our 29th birthday with a "Salad Treat".

Good Health to all of our sisters and good luck in all your activities.

PHYLLIS WEBSTER

## OMICRON ALUMNAE

Our January business meeting was hosted by our corresponding secretary, Frances Zalewski. We awarded our chapter educational grant to Kathy Gaither, president of Omicron Collegiate Chapter. We also discussed the need of writing to our congressmen concerning the Higher Education Act. Frances was writing for our chapter but we are encouraged to write individually.

In the coming months we have a theatre party planned for February, and in March our Hygeia Day program will be held at Bon Secours Hospital, when Ron Paul will explain their new nursing station concept. We hope to have a wine tasting party in April. Election of officers will take place in May and we plan to include a plant party at this time.

We all wish you a successful year and hope you will all be represented at the Biennial.

GEORGIA RANDINITIS

## ALPHA ZETA ALUMNAE

Here it is spring time again, time for the things we all look forward to enjoying--picnics, gardens, flowers, kites and spring cleaning. Hope all of you get to do all of them.

Some of you probably know that Kevin Lynch recently married and moved from our metropolitan area. We hope that she will find an alumnae chapter where she is now to give them some of the energy she so graciously gave us.

The Alumnae Chapter gave a helping hand to the collegiates with the smoker rush party for prospective pledges. The result of the combined efforts was thirteen new Lambs. Congratulations, girls.

The month of April brings the Senior Luncheon for our twelve graduating seniors. We hope all of the girls will become active in the Alumnae chapter. A chapter always needs new ideas from new members to avoid antiquity.

For observance of Hygeia Day we were presented a program by Life Seekers, an organization of women in the St. Louis area who raise money for pediatric needs in the area hospitals. We have been helping them the last several months by saving labels from products of major food and paper companies. They in turn are able to obtain cash for the labels to be used for purchase of vital life saving equipment.

We are now looking forward to July and the Convention in Toledo. I hope a lot of the girls will be attending! See you then.

Judy Peipert

# TITLE IX

by Carol M. Miller

Reprinted from "The Baton" of Phi Beta Fraternity (member of PPA) Vol. LVI (2), 1976.

IN JUNE, 1972, the President signed into law the "Education Amendments Act of 1972." Title IX of the Act prohibits sex discrimination in all federally assisted education programs and amends certain portions of the 1964 Civil Rights Act. The Office of Civil Rights, Department of Health, Education and Welfare (HEW), was assigned the process of developing regulations and guidelines to implement Title IX.

In November, 1974, an amendment was added to HEW Appropriations Bill exempting fraternities, sororities and similar organizations from application of Title IX through the current fiscal year, ending June 30, 1975.

In December, 1974 the Bayh Amendment to the White House Library Conference Bill passed, exempting social fraternities and social sororities, voluntary youth service organizations, including but not limited to YMCAs, YWCAs, Girl Scouts, Boy Scouts, Campfire Girls, which are so exempt, the membership of which has traditionally been limited to persons of one sex and principally to persons of less than 19 years of age.

The Bayh Amendment of December, 1974, which specifies "social" fraternities and sororities, creates confusion as to the interpretation of the legislation in regards to professional, honorary and service organizations and fraternities.

On July 21, 1975, the "Title IX Regulations Implementing the Education Amendments to 1972" became effective. Title IX prohibits sex discrimination in all federally assisted education programs and amends certain portions of Civil Rights Act of 1964.

As an outcome of the meeting of both women and men representing 11 professional fraternities and sororities as well as the Professional Panhellenic Association and the Professional Interfraternity Conference, in Indianapolis on March 1, 1975, it was proposed that legislation be effected to remove the word "social" from the existing Bayh Amendment, thereby exempting these organizations from the effects of Title IX.

In August, 1975, several senators wrote to HEW asking for an interpretation of the phrase "significant assistance" to organizations at schools receiving federal support.

At the present time we are awaiting word of the outcome of the vote on the new amendment before Congress.

This Amendment reads: "To amend section 901 (a) (6) (A) of the Education Amendments of 1972 to broaden the exemption for social fraternities and sororities from the prohibition against sex discrimination contained in section 901 (a) of those Amendments to include any fraternity or sorority. Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section 901 (a) (6) (A) of the Education Amendments of 1972 is amended by striking out 'a social' immediately before 'fraternity' and inserting in lieu thereof 'any' and by striking out 'social' immediately before 'sorority' and inserting in lieu thereof 'any'."

## DEADLINES

### SEPTEMBER 15

Deadline for Triangle Material

### OCTOBER 14

Founder's Day

### NOVEMBER 1

Deadline for Applications for Cora E. Craven Educational Grants

### NOVEMBER 15

Deadline for Applications for Dr. B. Olive Cole Graduate Educational Grant

### NOVEMBER 15

Deadline for Triangle Material

### JANUARY 1

Announcement of the recipients of the Cora E. Craven Educational Grants

### JANUARY 15

Announcement of the recipient of the Dr. B. Olive Cole Graduate Educational Grant

### JANUARY 20

Deadline for Triangle Material



# Toledo hosts 24th biennial convention

Sponsored by  
Alpha Mu, Alpha Iota and Omicron  
Chapters  
July 25-30, 1976

The convention will begin on Sunday evening with a reception in the Parks Tower cafeteria. Snacks will be served. Parks Tower is a Co-educational dormitory situated on the campus in a lovely wooded area and overlooks the Glass Bowl Home of the Toledo Rockets.

Monday morning a buffet breakfast will be served and a number of distinguished guests will be present, including the President of The University of Toledo and the Dean of the College of Pharmacy. The rest of the day will be taken up with meetings.

Tuesday will be an especially big day. After breakfast, buses will leave for Greenfield Village in Dearborn, Michigan. The majority of the day will be spent touring this historic bit of America and the day will be completed with a buffet dinner on the way back. Admission to the village, bus transportation and dinner is included in the registration fee.

After a good night's sleep, we hope you will all be raring to go on Wednesday which begins, of course, with a hearty breakfast. Meetings will follow, leading up to the PPA luncheon in the early afternoon. After lunch, we will be touring either the Toledo Museum of Art to see their glass collection because Toledo is the Glass Capital of the World or the manufacturing aspect of prescription containers at Owens-Illinois glass manufacturing plant. After the tour, the girls from Alpha Iota have all sorts of fun and games planned before we have our picnic supper on the vast expanse of lawn behind the dormitory. After that, more business meetings before we adjourn at approximately 9:00 p.m.

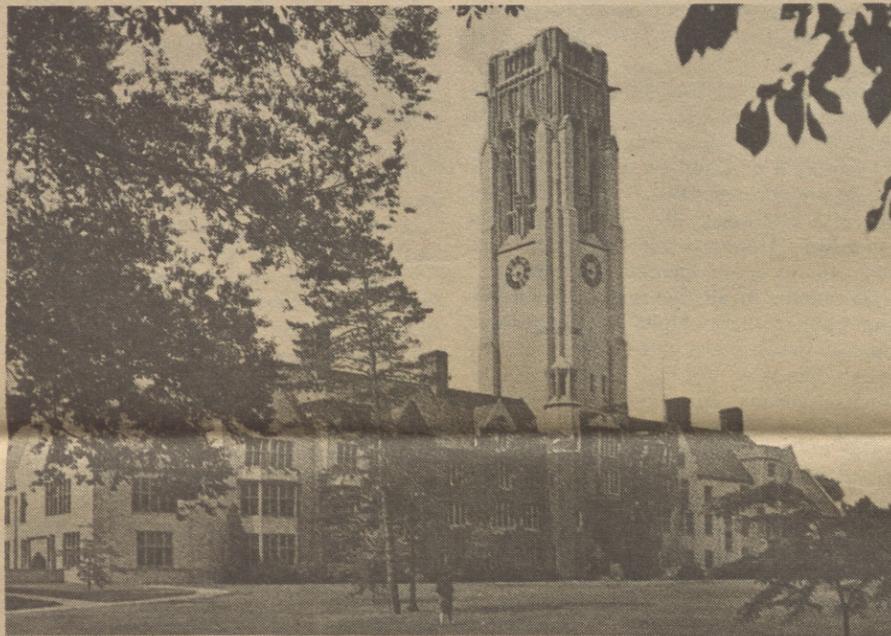
Thursday morning we will begin with meetings to be followed by brunch and then more meetings because, as you may have noticed, this is the last day of the convention. Time sure flies when you're having fun. All this leads up to the climax of the convention, the formal banquet which features a champagne fountain and lots of delicious food. Group pictures will be taken at this time.

Please complete the attached registration form for delegates to the convention. For those who will be attending who are not delegates, please put all necessary information on paper and mail.

We look forward to seeing everyone here in Toledo for this 43rd biennial convention. We hope that everyone will be able to join us for this "Bicentennial Celebration in the Midwest".



Toledo, on Lake Erie, is an important port and commerce center. It is also the Glass capitol of the world.



University Hall, distinguished by the impressive bell tower, marks the entrance to the University of Toledo.



The sixteen floors of Parks Tower can house up to 100 men and women and will be the residence facilities for the convention.

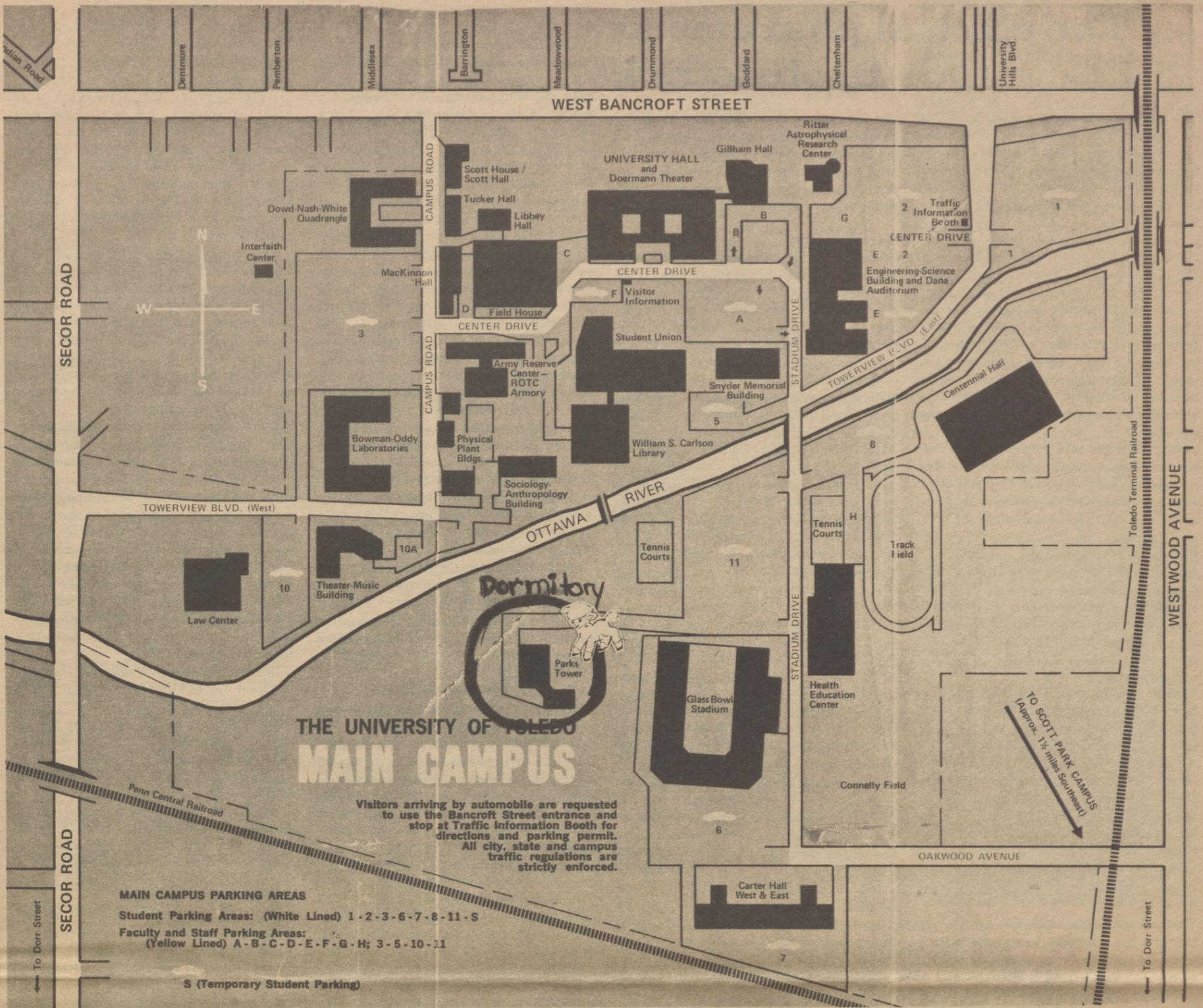
## Escape to past at Greenfield Village museum

Tuesday, July 27, will be an escape into the past! The day will be spent at the world renowned Greenfield Village- "America's greatest outdoor museum". The Village is comprised of over 100 buildings and structures, some dating back to the 17th century, which were brought from their original sites across the United States. These buildings "illustrate the growth patterns of home life, manufacturing and transportation in the development of this nation." Special features of the village include the Abraham Lincoln Courthouse, which includes a display of the chair that Lincoln sat in when he was assassinated in 1865; the original Menlo Park Lab of Thomas Edison; Henry Ford's garage and his Model T; the beautiful Suwanee Park complete with riverboat ride, and the Sir John Bennett Jewelry Store from London in which figurines come out and strike Westminster chimes every 15 minutes. Such a collection of American history can be found no other place!

Dinner will be at The Sveden House Smorgasbord, in Dearborn Heights. What a perfect way to celebrate America's 200th birthday, as well as the anniversary of fraternalism in the U.S.!

Quotes taken from **Greenfield Village**, Crown Publish. Inc.





**BY AIR--** Limousine service is available from Toledo Express Airport to principal Toledo hotels and motels. Fare is \$3.90 per person. For shortest route, take limousine to Town House Motel and then taxicab (fare about \$1.50) or "Old Orchard" bus (fare 40 cents) to University. Bus stops on West Bancroft Street across from Town House. Taxicab service from airport direct to University (13 miles) is about \$8.30.

**BY BUS--** Bus Terminal is located at Jefferson Avenue and Michigan Street in downtown Toledo. Cab to University is about \$3.25. "Old Orchard" bus (fare 40 cents) stops in front of terminal (on Jefferson) and at University's front entrance (about 4 miles).

**FROM DOWNTOWN--** From downtown Toledo, board bus (fare 40 cents) marked "Old Orchard." Bus stops at University's front entrance. Cab from downtown to University is about \$3.25.

**BY CAR--** Turnpike. (Suggested Route) Exit 4. Drive north on Reynolds Road to Bancroft (about 7 miles), turn right. Proceed on Bancroft about 2 miles to University's main entrance.

**TURNPIKE:** Exit 5. Drive north on Detroit - Toledo Expressway for about 9 miles crossing Craig Memorial Bridge and passing downtown Toledo. Exit at Central Avenue, turning left onto Central. Proceed on Central to Cheltenham Road (about 6 miles) and turn left. University is about 7 blocks from Central-Cheltenham intersection.

**U.S. 23/475** (from north). Bear right at Central Avenue exit and proceed on eastbound Central to Cheltenham Road (about 4 miles). Turn right onto Cheltenham to University (about 7 blocks).

**Detroit-Toledo Expressway.** From north -- exit at Central Avenue, turn right from south -- exit at Central, turn left. Proceed on Central about 6 miles to Cheltenham and turn left. University is about 7 blocks from Central-Cheltenham intersection.

## Toledo U

A member of the state university system of Ohio since July, 1967, The University of Toledo observed its 100th anniversary in 1972 as one of the nation's major urban universities.

The University had its origin in 1872 with the gift of 160 acres of farmland donated by Jesup W. Scott, a public-spirited Toledoan who felt that the city should have a university to train young people for responsible positions in the growing community. Today the original land endowment is the site of the University's Scott Park campus, home of the University Community and Technical College.

In early years the University held classes in various temporary locations. As reflected in its first name -- Toledo University of Arts and Trades -- courses were initially concentrated in architecture, painting and manual training.

The first academic expansion came in 1904 when the University became affiliated with the Toledo Medical College and established a college of pharmacy. Affiliation with the Toledo YMCA College of Law followed in 1909. Other colleges -- education, commerce and industrial science -- were formed in the next decade.

A municipal institution for 84 years, the University's greatest period of growth dates from 1928. In that year Toledoans voted a bond issue for the development of a modern new campus and the construction of the first two buildings -- University Hall and the Field House. Occupied in 1931, the original campus has since been expanded to more than 200 acres with 30 major collegiate structures. Situated in one of Toledo's finest residential areas, the campus provides a suburban atmosphere, yet remains an integral part of the civic, cultural and commercial life of the city.

The main campus has undergone extensive expansion and improvement in recent years. Completed in 1972 were a College of Law Center and the William S. Carlson Library -- second largest structure on the campus -- named for the University's tenth president.

Under construction for completion in 1976 are Centennial Hall -- a multipurpose activities center -- and a new Theater-Music Building.

Glen R. Driscoll, previously Chancellor of the University of Missouri-St. Louis, became the eleventh president of the University in 1972, coincident with the opening of its Centennial observance. Under the guidance of Dr. Driscoll and the Board of Trustees, the University is engaged in a 10-year, \$10,500,000 Centennial Development Program directed toward the achievement of a "margin of excellence" in education not attainable from basic fees and state-appropriated funds alone.

Opened in 1969, the University Community and Technical College Scott Park Campus is located 1 1/2 miles southeast of the main campus. Its facilities include six major classroom and laboratory structures and a new \$1,750,000 Student Center completed in 1975.

The University also maintains the R. A. Stranahan (Sr.) Arboretum, a 47-acre site northwest of the main campus which was given to the University in 1964 in memory of the late Toledo industrialist and civic leader. The Arboretum, which includes two large ponds, serves as a natural laboratory for studies in botany, ecology and medicinal plantlife.

### REGISTRATION FORM 24th Biennial Convention

Name: .....

Address: .....  
street city state zip

Chapter: ..... Alumnae Collegiate

Room Request:  single (\$10 night)  double (\$7 night)

Dates: July 25 to July 30

Entire Convention (\$40)  Partial Registration (M,W \$10/day)(T,Th \$15/day)  
 Roomates .....

Total enclosed .....

Mode of Transportation .....

Arrival (date, time) ..... Departure (date, time) .....

Make check payable to: The University of Toledo, Division of Adult & Continuing Education, Toledo, Ohio 43606.

#### AGENDA

- Sun. July 25: Check-in. Hospitality suite in the evening.
- Mon. July 26: Welcoming breakfast. Meetings.
- Tues. July 27: Greenfield Village trip with dinner on the way back.
- Wed. July 28: Meetings-morning. PPA luncheon. Tours-afternoon. Picnic dinner.
- Thurs. July 29: Meetings. Closing Banquet.
- Fri. July 30: Check-out.

# The clinical pharmacist in obstetrics

Is a clinical pharmacist needed on the obstetrics floor? The Ob-Gyn staff members at the University of Kentucky, Lexington, thought so. Consequently, that institution became the first in the nation to appoint a clinical pharmacist as a full-time Ob-Gyn faculty member.

Moreover, due to similar feelings at the University of California at San Francisco, two clinical pharmacists now split the work load in the obstetrics clinic. Elsewhere—including the University of Illinois and the Thomas Jefferson Hospital in Philadelphia—there are plans to assign a clinical pharmacist to the Ob-Gyn service next year. And at some institutions, the Ob-Gyn department is currently sharing a pharmacist's services with another department, most commonly pediatrics.

Whether other Ob-Gyn departments follow this lead depends upon how they resolve numerous questions relative to pharmacists' roles, including: what precisely should pharmacists' duties be? Should their work be predominantly education-, research-, or patient-oriented? Should they be available on a consulting or full-time basis? How should these pharmacists be compensated? Is the application of maternal-fetal pharmacodynamics to Ob-Gyn problems really that much more complicated than that applied to non-pregnant patients?

While there is also some question as to whether such duties could not better be performed by a pharmacologist, the preference for a pharmacist is marked at certain institutions. "The pharmacist is more a part of the health care team than is the pharmacologist who tends to be more research-oriented," explains Dr. Martin Pernoll, head of the perinatal medicine division at the University of Oregon, Portland. But Dr. Pernoll is quick to add that he would be happy to have either a pharmacist or a pharmacologist in his department. "I feel that strongly about this kind of input into our therapy. We have people from all disciplines participating in the health care team, and I think it would be valuable to also have a resource person on the side effects of drugs."

There is also the feeling among some doctors that the clinical pharmacologist with about ten years of training beyond college is unlikely to want to work on the obstetrics floor. Nonetheless, the University of Arizona, Tucson, has plans to add to its Ob-Gyn staff someone who will be both a clinical pharmacologist and an obstetrician when he completes his training in 1975.

In those places where clinical pharmacists have become directly involved in patient care, this transition has been eased by certain progressive changes in the hospital's pharmacy service. One of these has been the establishment of a good drug distribution system—usually unit dose. Also, a drug monitoring system has been developed that is generally overseen by the clinical pharmacist. These two systems allow the pharmacist to focus on patient care.

"Most of the clinical pharmacy programs to date have been involved in surveillance," notes Dr. J. Hayward Hull III, instructor in clinical pharmacy, University of North Carolina at Chapel Hill. "This means that they monitor patients for adverse drug reactions or look for doses that are erroneous. Only recently have we started to see pharmacists participate in therapy planning. I think this activity enhances their status in the clinical environment."

The work of clinical pharmacists has gradually become more specialized. "Their use really started in medicine," says Dr. Richard Hutchinson, director of hospital pharmacy and central service at the University of Illinois. "Then it filtered down into psychiatry and pediatrics before branching out into areas like Ob-Gyn."

However, at most places, the need for a clinical pharmacist in Ob-Gyn has yet to be given top priority. For many services, having a clinical pharmacist would be an outright luxury. "We're a big city-county hospital," points out Dr. Roger K. Freeman, obstetrics chief at the Los Angeles County-University of Southern California Medical Center. "I think that a clinical pharmacist's services are something that the staff would consider to be a low priority need compared to not having an RN on the ward at night."

In contrast to such feelings are those of Dr. Avis J. Ericson, clinical pharmacist at the University of Kentucky, who is totally enthused about the possibilities for clinical pharmacy services in obstetrics. Having been involved to varying degrees in obstet-

rics department work since April 1972, Dr. Ericson has gained national attention for her pioneering efforts in compiling thorough drug histories on pregnant women. This undertaking may eventually shed more light on the effects of specific drugs on the fetus.

## Risks vs Benefits

Of this work, Dr. Ericson says, "I'd be very happy if someone could prove to me that no other drug is going to be as bad as thalidomide—or even a hundredth as bad. But as long as the potential exists, nobody has the right to stymie scientific research. Until you have a solid yes or no answer, you aren't really allowing the physician to weigh risk vs benefit as drug package inserts encourage him to do. Risk isn't accurately known. Is it 0.005% or 99.9%, or is it somewhere in the middle where clinical judgment comes into play?"

And the literature is often of little help, notes Dr. Ericson. "There are so many conflicting reports. One researcher will report that anticonvulsants produce certain kinds of congenital anomalies. Then another study is reported in which there were 100 epileptic women on diphenylhydantoin throughout pregnancy and every child was fine.

"Why did a drug have adverse effects on one fetus and not on another?" asks Dr. Ericson. "And did the doctors who conducted the absolving study really know what they were looking for? Were there subtle anomalies that might be considered normal by someone else? What role did the disease state itself play in producing anomalies? We also know so little about exactly how much drug crosses, or what concentrations are required in the fetus before problems occur.

"Thalidomide-related birth defects are at least evident at birth," she continues. "But how do you associate particular drug defects that don't appear until 20 or 50 years later? That's why base line data on drug use should be established during pregnancy and the offspring closely followed. The mother's drug history also belongs to the child during those first nine months.

"Epidemiologic studies show that women ingest an average of 10.3 different medications during pregnancy, not including prenatal vitamins, iron, and labor and delivery medications. Seventy-five per cent to 80% of those drugs are taken without the knowledge of the obstetrician. It is a very difficult task to assess total drug consumption. Unlike the more extensively documented drug histories, the medical charts note only prenatal vitamins and iron."

So far, Dr. Ericson has meticulously documented drug usage in 250 basically healthy, pregnant women at the Young Mothers Project Clinic, University of Kentucky Medical Center. This clinic for unwed, pregnant teens was established and funded in August 1970 by the Kentucky State Department of Health and the University of Kentucky Research Foundation. As part of Dr. Ericson's work, a copy of the mother's history will be included in each child's chart.

## Gathering Data

Dr. Ericson's technique for eliciting information is highly refined. "If you just ask the patient whether she is taking drugs, you almost automatically get a negative response. Often that is because, to a teen-ager, drugs denote things like uppers, downers, grass, and LSD. The initial approach is to establish rapport. Early questioning determines when the last menstrual period occurred. That will indicate what time interval I'm really dealing with.

"From there, we discuss medical history. It is determined whether she's ever been in the hospital—maybe to have her tonsils or appendix removed. If need be, the medical records of that hospital can be checked to learn which drugs were given. Since people in this locale frequently use an emergency room, she is also questioned about such use. Almost any kind of medication—probably in the form of shots or prescriptions—may have been given. She is also asked whether she has a family doctor in town, and if so, when she last saw him and for what reason. Dental procedures and medications are also noted for the patient."

After documenting medical services, Dr. Ericson homes in on the time since the LMP, with questions about allergies—particularly drug allergies—alcohol, smoking, vaginal discharge or urinary tract infection, and the use of any birth control methods. Since most of these girls are in the mid-to-late second trimester, they have to think back over a rel-

atively long time span.

Next, through a symptomatic approach, patients are asked about use of over-the-counter medications. Have they had headaches, morning sickness, or symptoms of a cold lately? Do they ordinarily have cramps, diarrhea, constipation? Having indicated any such problems, the matter is discussed in terms of over-the-counter items. "I may say: 'Do you use Ex-Lax or Feen-A-Mint? Have you been taking anything to settle your stomach, such as Pepto-Bismol or Alka Seltzer? How about aspirin?' Their memory is often jogged enough to say: 'I thought I was getting a cold last week so I took some Nyquil.' Amounts are determined as closely as possible based on doses they indicate and knowledge of available bottle sizes.

"The most touchy area is that of abused drugs. Queries are prefaced by saying: 'This question may sound kind of strange, and I hope you won't take it offensively. I assure you it's totally confidential, and I'd appreciate as honest an answer as you feel you can give me.' Then comes the straight question: 'Have you ever smoked grass?' The initial response is so often spontaneous—like 'Sure, I do it all the time!'—that I really feel they're telling the truth. Other drugs of this nature used by the patients are also discussed, such as amphetamines."

Queries concerning the drug habits of the father of the child are also made. It is frequently found that the father has a more extensive drug history than has the pregnant girl. "It is becoming more evident that the father's drug history may be relevant," Dr. Ericson reports.

A portion of the form that is used by Dr. Ericson to gather information deals with family disease history. It is hoped that this data will help to provide answers to questions such as: Does a history of hypertension in the family relate to the incidence of eclampsia or preeclampsia? Are we possibly dealing with genetic diseases such as sickle cell anemia or glucose-6-phosphate-dehydrogenase deficiency?

From the collection of histories, a teen-age drug use portrait is becoming apparent. There are as yet no conclusive statistics. Use of prescription medications is minimal—usually one antibiotic, either penicillin for VD or ampicillin for a urinary tract infection, and tetracycline for skin problems. Some have taken *Bendectin* for their morning sickness, and others have used a type of intravaginal medication. Not very many have used birth control agents. As for over-the-counter medications, aspirin is highest on the list, followed by cough syrup—Nyquil or Vick's Formula 44—Alka Seltzer, and laxatives. Few admit to using alcohol, but many report having smoked marijuana. Generally, with an abused drug, the girl has never touched it or has only tried it once. Others, however, have used everything in the book.

Dr. Ericson admits that the reliability of this information is questionable. "But I feel we obtain much more accurate data by working in the early months of pregnancy rather than by conducting a retrospective study after delivery."

Although the total data picture is not yet available, the history forms have proved valuable in identifying the likelihood of drug interactions and other undesirable consequences from improper drug use. There have been several instances in which a girl had been put on tetracycline by a dermatologist who didn't realize the girl was pregnant. "This substance can harm the child's teeth and bone structure." Then there have been cases in which girls who developed high blood pressure as a prelude to preeclampsia were given phenobarbital prescriptions both by an outside doctor and a hospital doctor. Since the patients were not instructed to discontinue one prescription, the double dosages caused complaints of tiredness.

Beyond that initial history, Dr. Ericson finds that continuous, thorough follow-up is necessary. "After I've done a history, the patient is encouraged to look in her medicine cabinet at home to see if there's anything she's forgotten to tell me about. If there are specific drugs she shouldn't be on, I try, through her physician, to discontinue them. Beyond that, we have to rely mainly on the patient not to take any more. I tell her, 'If you want me to keep this for you, I will. Otherwise, definitely don't take any more of this little pink capsule!' Then, when she is seen at her next visit, I can ask, 'Well, Gina, have you taken any more of those little pink capsules I asked you not to?'" However, with over-the-counter medications, direct control is almost impossible.

## Group Sessions

To raise patient consciousness, Dr. Ericson conducts group sessions where she explains

how a drug taken by mouth may cross through the placenta and affect the unborn child. "We talk about thalidomide. It is explained that this drug is no longer used during pregnancy but that other drugs could have the potential for causing different types of problems. I discuss the baby's growth from a single cell and that from this cell must develop blood vessels, a heart, the digestive tract, and eyes. Every growth step results from a delicate chemical reaction and, since drugs are chemicals too, they could interfere."

As the patients return for clinical visits, they are questioned about their vitamin and iron regimens. Additional medications consumed are also documented by asking questions such as: Have you had any aspirin in the last month? You had a cold the last time you were in. Are you still taking the cough syrup? "With their drug history in front of me, I know precisely what their patterns are," Dr. Ericson explains.

"Such information is crucial to the physician," stresses Dr. John Duhring, director of obstetrics at the University of Kentucky and one of Dr. Ericson's colleagues. "Drug histories are best obtained by a clinical pharmacist. I think it takes a clinical pharmacist to follow up on the potential of drugs. When a patient mentions Dristan, the pharmacist knows right away what this substance is, whereas the average medical doctor just knows that it is a proprietary cold medicine. The pharmacist starts thinking immediately in terms of a certain set of symptoms that the drug may produce."

But are these benefits alone sufficient justification for having a pharmacist take a drug history for every patient? "I think that's something we don't yet know the answer to," says Dr. Duhring. "It's going to take many long-term studies to show whether or not this use of a pharmacist is worthwhile."

Dr. Ericson worked in the obstetrics department before she was assigned exclusively to its staff. She was formerly an assistant professor of clinical pharmacy, with responsibilities to both the pharmacy college and the Ob-Gyn department.

Dr. Duhring says about those days: "We had not yet learned how to use her talents to the best advantage. She supervised the pharmacy technicians on the floor but any pharmacist could do that. She was active in birth control counseling, but we have specially-trained people for that job. She made rounds with her fifth year pharmacy students every day, but she was more of a teacher for these students rather than a total participant.

"Moreover, from a service point of view, I questioned whether there was a need for her utilization," says Dr. Duhring. "I would say her patient load was less than 1%. We only see about 4,000 patients a year, including 1,800 who deliver. She was having very intensive contact with a few patients, which may have been good, but I thought there ought to be a better way to get her actually involved in patient care."

Having by now been well established in the Ob-Gyn department, Dr. Ericson's next project will be to proceed with research directly related to the drug-fetus problem. "Such information will be compiled from the current literature and made available to students and practitioners through lectures, conferences, and articles. Thorough compilation of the available information is essential for our current needs. Future studies must be designed in order to fully utilize known information as a base from which to speculate and theorize."

Department seminars for obstetrics residents and interns and medical students may follow a format of drug class discussions. "One week it might be anticonvulsants," she explains. "We'll obtain from the literature information about their teratogenic potential, use, dosage, and the kind of blood levels we're really looking for." There is also the possibility of conducting clinical research on new drug products or devices related to Ob-Gyn. In addition to duties within the University of Kentucky Ob-Gyn department, Dr. Ericson will serve as a consultant to the American Foundation for Maternal and Child Health, as well as participate with state and local organizations interested in her work.

## Patient Volume

Doubt has been expressed about the need for a clinical pharmacist on the routine obstetrics floor, since there isn't that much in the way of drug therapy or esoteric diseases. Dr. Duhring contends that patient volume should be a partial determinant of the need for a clinical pharmacist. However, this is

## POEMS

The following poems were printed thirty-one years ago in our own Blue and Gold Triangle. It seems they never go out of date, do they?

### The Always Faithful Few

When the meeting's called to order, and you look around the room,

You're sure to see some faces that from the shadows loom,

They are always at the meeting, and they stay until it's through,

The ones that I would mention are: The Always Faithful Few.

They fill the many offices and are always on the spot,

No matter what the weather, though it may be awful hot,

It may be dark and rainy, but they are tried and true,

The ones you can rely on are: The Always Faithful Few.

There are lots of worthy members, who will come when in the mood,

When everything's convenient they can do a little good,

They're a Factor in the meeting, and are necessary, too,

But the ones who never fail us are: The Always Faithful Few.

If it were not for these faithful, whose shoulders at the wheel,

Keep the club moving, without a halt or reel,

What would be the fate of meetings, where we claim so much to do?

They surely would be failures but for: The Always Faithful Few.

ANONYMOUS

### Do You Mean Me?

Are you an active member, the kind that would be missed,

Or are you contented that your name is on the list?

Do you attend meetings, and mingle with the flock?

Or do you stay at home and criticize and knock?

Do you take an active part to help the work along,

Or are you satisfied to be the kind that "just belong"?

Do you ever go to visit a member that is sick?

Or leave the work to just a few and talk about the "Clique"?

There's quite a program scheduled that I'm sure you've heard about,

And we'll appreciate it if you, too, will come and help us out.

So come to the meetings and help with hand and heart,

Don't be just a member, but take an active part.

Think this over Member, you know right from wrong,

Are you an active member, or do you just belong?

ANONYMOUS

### OB-GYN

not the opinion of physician faculty members at certain other schools. For instance, at the University of Illinois, where there were 2,200 deliveries last year, Dr. William Gottschalk, professor of Ob-Gyn, says, "I think it is a question of management excellence—a qualitative rather than quantitative thing. It makes use of people whose talents we haven't used up until now."

Dr. Hutchinson says that need for a clinical pharmacist depends to some extent on volume. "But more important is the type of hospital. In a little suburban hospital with a couple of deliveries a day—and good prenatal and gynecologic follow-up—there may not be a need. But in dealing with rural or inner-city areas, where prenatal care may be inadequate and the treatment facilities

overburdened, a pharmacist can assume many tasks that were formerly undertaken by the physician in regard to patient education about drugs and prenatal care with iron and vitamins."

However, Dr. Hutchinson notes that the pharmacist's potential value in Ob-Gyn may have to be investigated more thoroughly than it was in other areas. One obvious contribution is made when they are involved with gynecologic problems. But another possible input is in providing a pure, academic evaluation of the literature.

"There's a real controversy going on over whether metronidazole works in treating trichomonas and, even if so, whether the risks are not greater than the benefits," observes Dr. Hutchinson. "Yet I know that just last week our Ob-Gyn department was concerned because it did not have both oral and vaginal forms of this drug available. So even when drugs are limited, there's a tendency to make empirical decisions in the treatment of patients."

At the University of North Carolina and at Northwestern University, Evanston, Ill., a clinical pharmacist is available to the obstetrics department on a consulting and referral basis. But elsewhere, part-time arrangements have not always been satisfactory. At the Memorial Hospital Medical Center of Long Beach (Calif.), the practice of sharing a pharmacist with pediatrics has encountered strong objections.

"There's a physician on the obstetrics staff," says Dr. William Smith, director of the pharmacy service, "who's been ranting and raving because we don't have enough pharmacist time on the obstetrics floor to help with things such as coming up with an antibiotic regimen for a very sick patient. So now we're trying to adjust our staffing to give more pharmacist time to the obstetrics area."

In addition to providing surveillance and monitoring duties, the pharmacist at Long Beach has conducted conferences for the obstetrics staff on drugs and the fetus, and drugs and breast milk. This individual is currently working on a study of drug use and the treatment of pelvic infectious disease. In one instance, the pharmacist was asked by an obstetrics staff member for written verification as to a particular drug's effect on the fetus. In making this request, the physician sought legal protection in case the drug should have an adverse effect.

Despite objections to the part-time aspect of the arrangement, physician response to the program at Long Beach has been decidedly supportive. In a study conducted two years ago, 86% of the medical staff said they thought the concept was valuable. Dr. Smith estimates that the percentage is even higher now.

But still there is not unanimous agreement. "Every doctor is a clinical pharmacist when you get right down to it," says Dr. Edward A. Bruner, chairman of the anesthesiology department at Northwestern. "The variability in response of the individual patient to applied drugs is so great that we must treat each therapeutic situation as an experiment in clinical pharmacology."

"How can any one person hope to provide everything needed to give the patient total care?" asks Dr. Ericson. "The team approach seems like a rational solution. Nurses, physical therapists, social workers, x-ray technicians—all have an expertise that becomes very valuable when used fully. Pharmacists possess this expertise, too. Some physicians have an ingrained philosophy that they should be the only ones dealing directly with the patient. They may feel their toes are being stepped on if someone comes along and counsels a patient on medication prescribed by them. Some may resist the suggestion of minor alterations in the dosage they have specified."

However, Dr. Ericson herself has encountered few such problems with physician colleagues. As Dr. Duhring points out, this may be largely due to Dr. Ericson's personality. "When problems arise about drugs, I hear more and more doctors saying, 'Let's ask Avis.'"

Dr. Ericson regards this as all a part of the team approach to medicine. "With the advent of clinical pharmacy, pharmacists have no alternative but to assume increased responsibilities." Nonetheless, a more specific definition of such duties on most Ob-Gyn floors has yet to be established.



### MOVED? NEWLY MARRIED?

If you change your address or name please notify The Grand Editor before the change is made so you will be sure to receive your **Blue & Gold Triangle**. Send your Address or Name change to:

**Pamela Ehlers**  
406 Friendly Dr.  
Red Bud, IL 62278



### POSTERS AT THE PPA CONVENTION

In connection with the **Polymathic Experience**, which was presented as the opening event of the 1975 PPA Convention, a set of three posters were prepared by Frances Curran, to draw attention to the vast amount of printed material on abuse of drugs that constantly assaults the eye in the newspapers and magazines we read. As you can imagine, in a short time of collecting, a stack of clippings accumulated. Knowing how heavy poster board can become when one packs it to travel by air, a new approach to the display problem was devised. Nylon net - yes nylon net - was obtained and cut into three large sheets of 3 feet by six feet. Attaching the clippings was a



challenge. Cellophane tape would not adhere to the net for more than a few hours, pins would be too difficult to manage and stapling was not practical. Turning to the sewing basket, strips of fusible material such as "Stitch Witchery" were carefully ironed between the clipping and the nylon net using aluminum foil as a backing material to protect the ironing board cover. Tabs were sewn to the top edge of the "poster" for ease in hanging. The resulting displays were light, attractive and traveled well, occupying no more space in a suitcase than a dress. After the convention, the posters were hung for a month in the student dining room of the Philadelphia College of Pharmacy and Science. Try this technique - you'll like it.



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LAMBDA KAPPA SIGMA - INTERNATIONAL PROFESSIONAL FRATERNITY FOR WOMEN IN PHARMACY

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