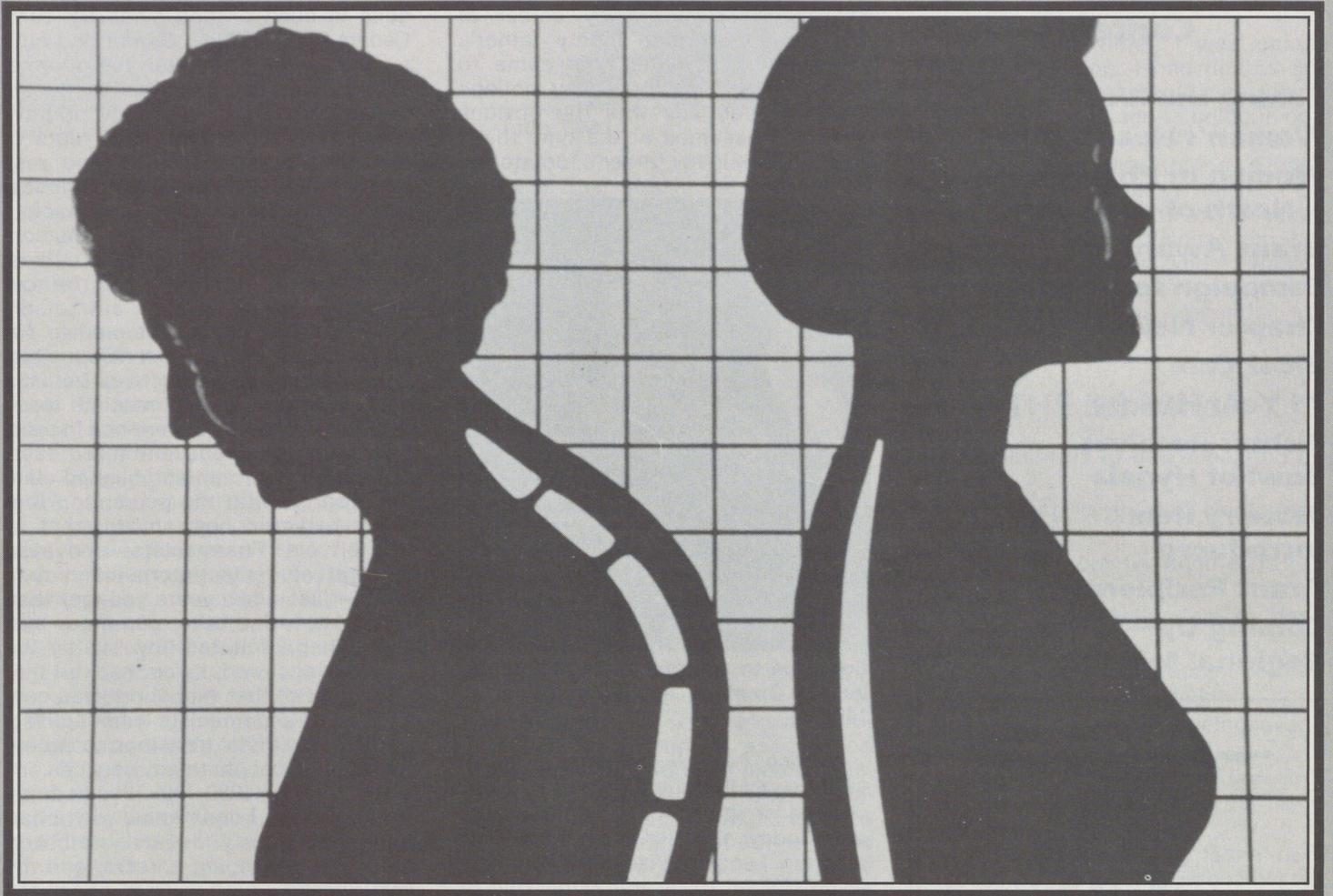


LAMBDA KAPPA SIGMA  
International Pharmacy Fraternity

# Blue & Gold Triangle

APRIL, 1987



## WOMEN'S HEALTH ISSUES

# TAKING THE RISK

by Janice L. Feinberg, Pharm.D., J.D.



## Blue & Gold Triangle April, 1987

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There was no obvious reason for me to go to law school, or quit my job after 11 years in hospital pharmacy practice, or leave my home, family, and friends to live in Washington, DC. But people persist in wanting to know why.

Some people thought that the only rational reason for me to change careers was dissatisfaction with the pharmacy profession. But that was not the case—I've loved the profession ever since starting my "career" at age eleven, working in my father's pharmacy. When the time came to make a decision about my college studies, pharmacy was the obvious answer. I assumed at the time that I would follow in my father's footsteps.



Swearing in ceremony, District of Columbia Court of Appeals, November, 1986.

In 1969, I entered the University of Southern California School of Pharmacy, one of the few at that time (and even today) to offer a Pharm.D.-only program. I soon realized that I was not being trained to be the same kind of pharmacist my father was. The need to study pharmacokinetics was just being appreciated; the fourth year of pharmacy school was spent on clinical rotations; and the talk within the profession, at least in California, was of becoming a "clinical pharmacist."

In 1971, I began working as an intern pharmacist at Cedars of Lebanon, a 500-bed teaching hospital. My fate was sealed in 1971 when Cedars of Lebanon Hospital opened its first satellite pharmacy; I knew then that I wanted to make hospital pharmacy my career.

Before decentralization, the pharmacy at Cedars of Lebanon worked

out of the basement, providing a three-day supply of medication from orders generated by ward secretaries, and sending them to the floor via dumbwaiter. The pharmacists interacted with nurses primarily by phone, and saw physicians at "drug day" or when they came by the pharmacy window to ask for something.

Reflecting on my career in hospital pharmacy, I am astonished at the radical changes the profession has undergone in such a short time. By 1975, Cedars-Sinai Medical Center had built a new 1000-bed hospital; the pharmacy department was completely decentralized; a comprehensive IV additive program was in place; four years of medical students, interns, and residents had been exposed to clinical pharmacy services; and pharmacists worked in every patient care area, consulting with physicians and nurses, and taking an increasingly active role in patient care.

By the time I was promoted to Assistant Director, with the responsibility for hiring new staff, I realized the new generation of pharmacists working with me had no experience in practice during the predecentralized days. They walked into an established clinical program with the perception that things had never been any different.

I felt old. Pharmacists—and even medical students, interns, and residents—just a few years younger than I, had known no other pharmacy system. When I realized how swiftly the changes occurred, I was thankful that I was part of that very short-lived generation of pharmacists who actively participated in the transition to decentralized clinical pharmacy services.

Suddenly, in 1980, I decided to apply to law school. I don't know why; I had never seriously entertained any thought of changing careers, and my vow upon graduation from pharmacy school ("I will never sit in another classroom again!") echoed in my mind. But something was compelling me to at least go through the process; one step at a time, never looking beyond to the next step. First, the LSAT, then the application and acceptance, and finally, the agonizing decision of whether or not to really go.

It was a risk. I had everything—a secure position at a large teaching hospital, job satisfaction, a good salary, and the belief that I had the best job in hospital pharmacy administration. And yet, I was leaving it all behind. Why was I doing it? I didn't know, but I am glad I did not wait for the answer



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Janice Feinberg on graduation day with Mom, June, 1985.

to come—because it never did.

I loved law school—clearly a minority opinion in the ranks of law students. For the first time, I was in school just for the sake of learning. There was no “law career” pressure on me because I did not begin law school with the thought of becoming a practicing attorney; I just wanted to learn the law. When I first started law school I told myself I would quit if I didn’t like it. But as difficult as it was—working full time during the day, going to class in the evening, and studying every night and weekend—I enjoyed every minute of it.

Just three months into my first semester, I had a discussion with one of my law professors that changed the course of my life. Until that time I was willing to work full time while attending school; I would do what it took to get by, keeping my scholastic expectations reasonable. My professor told me, if I loved the law, I should dedicate myself to my studies. If I excelled, he said, then my options upon graduation would be mine. This was a turning point for me; it was when I decided to quit my job—and the only career I had ever known.

During my last year in school I decided that I would not become a practicing attorney, and that whatever I was going to do, it would be in Washington, DC.

My love affair with Washington began during my first visit in 1982. I could not get enough of the nation’s capitol; I returned every year for a visit until my move in 1985.

It was difficult leaving my family and friends—I felt guilty; but I realized living and working in DC was what I really wanted. My mother gave me the encouragement I desperately needed during this time. My decision to leave

was the final step in the process of learning to live my life for myself.

By November, 1985, I was living in DC—no job, no friends, and no definitive plans. Once I arrived, things began to fall into place. An acquaintance had recently started his own pharmacy association management firm, and its expansion coincided with my arrival.

I always loved pharmacy—that is why I am happy to still be working in the field, although not in any way that I ever envisioned. In my dreams I could never have imagined that I’d be doing the things I am doing today. I work as an independent consultant on a contract basis primarily with Pharmacy/Association Services, Inc., based in Arlington, Virginia. The firm provides management services to small pharmacy associations, and is involved in editorial contracts. The services I provide run the gamut of association management: conference planning, legal and legislative consulting, strategic planning, editorial, and freelance writing. In addition, I am editor of the *PAS Washington Line*, a monthly newsletter for pharmacists and state and national pharmacy association executives that focuses on relevant legal issues and legislative issues, and other topics of interest to health care professionals.

My law school education made it possible to radically diversify my career, but it was my willingness to take risks that freed me to set and pursue new goals. Whether it is reviewing contracts for clients, speaking at seminars on pharmacy law, researching and writing on legal issues, or following state and federal legislation, I can apply what I learned in law school to my association management and editorial work; I can apply what I learned

about risk-taking to my life.

My move from Los Angeles to Washington, DC, and my professional interactions and experience since that time have given me a more realistic perception of the pharmacy profession. Developing a broader, national perspective of the profession was one of the rewards of my risk-taking. I was amazed at how little I knew about what was going on outside of California, and as important, outside of hospital pharmacy practice. By taking the risk, a whole new world opened up for me. My career change and relocation provided me with some valuable insights; most importantly, it proved that risk taking can pay off in the most rewarding ways.

Many, many times I was unsure what I was doing. I had doubts and fears about the course I was taking. All my life, I was used to being in control; now I found myself living a life that was unfamiliar to me. Finally, things started to make sense; I became comfortable with my feelings, confident in my decisions, and free from the need to know where I was going before I got there. I carry around the following poem as a reminder.

## THE DILEMMA

To laugh is to risk appearing a fool.

To weep is to risk appearing sentimental.

To reach out for another is to risk involvement.

To expose feelings is to risk rejection.

To place your dreams before the crowd is to risk ridicule.

To love is to risk not being loved in return.

To go forward in the face of overwhelming odds is to risk failure.

But risks must be taken because the greatest hazard in life is to risk nothing. The person who risks nothing does nothing, has nothing, is nothing. He may avoid suffering and sorrow, but he cannot learn, feel, change, grow or love. Chained by his certitudes, he is a slave. He has forfeited his freedom. Only a person who takes risk is free. (Author Unknown)

For me, “The Dilemma” is the answer to the question, “why.”

# Women's Health Issues

an educational project  
sponsored by...

LAMBDA KAPPA SIGMA

&

KAPPA EPSILON

## The Need for Estrogen Therapy for the Prevention of Osteoporosis—the Benefits of Estrogens and Considerations of Risks

### INTRODUCTION

Osteoporosis is a major public health problem. It is the most common bone disorder encountered in clinical practice. Osteoporosis may be defined as an age related disorder characterized by decreased bone mass, and marked by an increased susceptibility to fractures due to changes in the structure and strength of bone.

### SIGNIFICANCE OF OSTEOPOROSIS

Osteoporosis affects as many as 20 million Americans . . . the majority of whom are women. It has been estimated that over 1.3 million osteoporosis related fractures occur among women in the U.S. every year, and that the annual cost of these fractures exceeds 3.8 billion dollars.

### CLINICAL FEATURES AND PATHOPHYSIOLOGY

Bone is made up of calcium and phosphorus crystals, imbedded in a matrix of protein fibers. Calcium gives bone its strength and rigidity, while protein, mostly collagen, makes bone somewhat flexible.

Bone undergoes continuous remodeling (turnover) throughout life. Small

quantities of old bone are lost through resorption, while at the same time, new bone formation occurs. In osteoporosis, the formation of bone does not keep pace with its resorption.

Structurally, there are basically two different types of bone, cortical and trabecular. Cortical bone is very dense and solid. Trabecular bone, on the other hand, is much more porous . . . honeycombed in appearance. All bones contain both types . . . hard cortical bone forms the outer shell with the more porous trabecular being interior. The proportions of cortical and trabecular bone vary at different sites. Spinal vertebrae, for example, are mostly trabecular bone. Since osteoporosis affects this type of bone more readily, the spine is one of the first areas to be affected by the disease.

### RISK FACTORS FOR THE DEVELOPMENT OF OSTEOPOROSIS

There are a number of identifiable risk factors for the development of osteoporosis. Women are at higher risk than men because they have approximately 30% less bone mass than men

at any given age, and because of a dramatic decline in bone mass for up to eight years after menopause.

#### —Small Stature/Low Weight

Thin women seem to have less bone mass at maturity and lose bone at a greater rate than heavier women.

#### —Race

Osteoporosis is a disease of white and Oriental women. Black women are apparently relatively protected from the disease because of their greater bone mass at maturity.

#### —Premature Menopause

Estrogen protects women against bone loss. The earlier the menopause, or the more abrupt it is, as with oophorectomy, the greater the loss of hormonal protection.

#### —Calcium Intake

The most important nutritional factor in the prevention of osteoporosis is calcium intake. Studies indicate that low calcium intake or decreased calcium absorption accelerate bone loss.

#### —Sedentary Life Style

Exercise involving weight bearing has been shown both to reduce bone loss and to increase bone mass. Im-

mobilized individuals lose bone at a high rate.

**—Positive Family History**

Up to 90% of osteoporotic patients, who can provide a family history, will give evidence of osteoporosis within their family.

**—Alcohol, Smoking and/or Caffeine Use**

Alcohol intake is clearly an important risk factor, even in men. Studies indicate that women who smoke typically have less bone mass than non-smokers. Heavy caffeine intake may increase urinary loss of calcium.

**—High Protein Diet**

A diet high in protein increases the amount of calcium excreted by the body. Most Americans consume much more protein than they need.

**SYMPTOMS OF OSTEOPOROSIS**

Clinical manifestations of osteoporosis include fractures and their complications. The most common fracture sites are the thoracic and lumbar vertebrae, the neck, the hip, and the wrist. Multiple vertebral fractures shorten body height, lead to the development of kyphosis and may result in respiratory and GI dysfunction. Fractures of the vertebrae may be painful or painless. Not only are patients hospitalized for long periods of time for these disabilities, but patients suffer from fear . . . fear of loss of independent living . . . fear of additional falls . . . and depression.

**PREVENTION AND TREATMENT**

The mainstay of prevention and management of osteoporosis includes estrogen and calcium supplementation, with weight bearing exercise as an important adjunct.

**CALCIUM:**

To attain calcium balance and avoid calcium loss, premenopausal or estrogen treated women must ingest, via dietary sources or supplementation, *1 gram of calcium per day*, while postmenopausal women who are not treated with estrogens should ingest *1.5 grams/day*. For those unable to meet these calcium requirements by dietary intake, supplementation with calcium tablets is recommended, with special attention to the actual content of elemental calcium.

**EXERCISE:**

Women who exercise regularly seem to be better protected against bone loss. Exercises which pull and stress the long bones of the body, such as jogging or walking, seem to be most beneficial.

**ESTROGEN THERAPY FOR OSTEOPOROSIS PREVENTION**

The association between estrogen deficiency and osteoporosis has been recognized for almost one-half a century. The specific mechanism by which estrogens act is unclear. Al-



**Linda Wieloch, Regional Supervisor, was on hand to assist with the Women's Health Issues presentation on Osteoporosis. The presentation was available for viewing at the ASHP Mid-Year Clinical Meeting and the APhA Annual Meeting.**

though estrogen receptors have not been found in bone, hormonal therapy has been shown to decrease bone resorption and increases calcium absorption and retention.

Women who have any of the risk factors for osteoporosis previously discussed, are the strongest candidates for estrogen therapy postmenopausally. Estrogen therapy should begin immediately after the last menstrual period or after surgical oophorectomy because bone resorption due to a negative calcium balance appears to be greatest in the first 5 to 8 years postmenopausally. There does

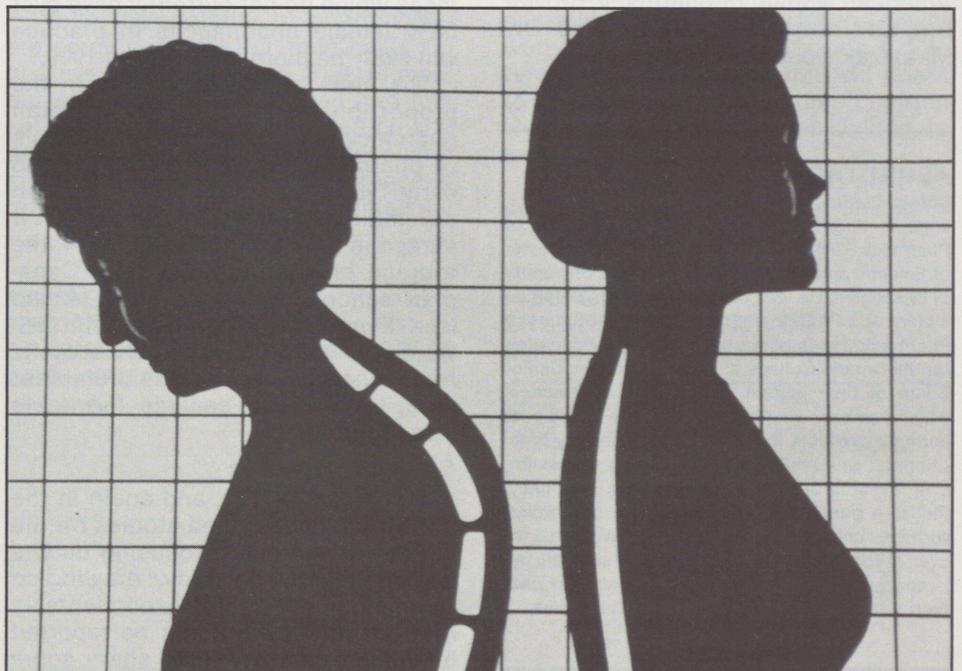
appear to be a dose response relationship between bone mass and estrogen dose, with doses ranging between 0.3 mg and 2.5 mg of conjugated estrogen. Available data suggest that 0.625 mg of conjugated estrogen or its equivalent (25 mcg of ethinyl estradiol or mestranol) be used for hormonal therapy for the prevention of osteoporosis. For treatment, higher doses may be required. Cessation of estrogen therapy after 4 years has shown calcium resorption equal to that in untreated women. It is therefore recommended that hormonal therapy be undertaken long term in women at risk for osteoporosis. Estrogens may be administered on a daily basis either continually or cyclically for 21 to 25 days monthly. A progestogenic agent may be administered for 10 days each month to decrease endometrial proliferation. The major disadvantage of adding a progestogen to estrogen therapy is the return of moderate withdrawal bleeding; any other bleeding should be considered abnormal. Histologic or cytologic endometrial evaluation should be undertaken at yearly intervals, especially if abnormal bleeding occurs or if the hormonal therapy selected is estrogen alone.

**ABSOLUTE EXCLUSION CRITERIA FOR ESTROGEN THERAPY**

Estrogens are contraindicated in patients with the following:

1. Known or suspected neoplasias, particularly breast or endometrial cancer.
2. Undiagnosed or abnormal endometrial bleeding.
3. History of severe thrombophlebitis.
4. Acute, active liver disease.

..... Cont. on page 8



# Women in Pharmacy—

## North of the Border

Bernie DesRoches, Ph.D., FRSH

It was with a great deal of interest that I read the article on "History of Women in Pharmacy" by Alice Matuszak in the December 1986 issue of **Blue & Gold Triangle**. We envy the manner in which the history of American women in pharmacy has been chronicled; in Canada we have not, as yet, been as fortunate in setting out the story in print. An excellent paper has been published recently, however, on the history of Ontario's women in pharmacy which I commend to your reading.<sup>1</sup> It captures the flavour of the early struggles and achievements of female pharmacists in this major province, and alludes to the place of Lambda Kappa Sigma in the history of American women of pharmacy, providing an interesting adjunct to Dr. Matuszak's paper.

### Canadian Profile

While our two countries are comparable in size, Canada has only approximately 10% of your number of people and pharmacists. However, in terms of the proportion of female pharmacists, we have seen a more rapid and extensive increase than you have experienced to date.

The proportion of female pharmacists was similar in both countries in 1900. By 1983, 25% of your pharmacists were female;<sup>2</sup> in Canada, at that time, some provinces were already pushing close to the 50% mark!<sup>3</sup> Your projections show that you will reach a level of 40% female practitioners by the year 2000.<sup>2</sup> In Canada, those provinces which do not currently have over 50% female pharmacists in practice will likely be there, or close, by 1990.<sup>3</sup>

The story of this rapid rise in the proportion of females in Canadian pharmacy really begins in our schools of pharmacy. Through the 1950s and early 1960s, the rise in the proportion of female students was gradual, but it surged in the early 1970s. By 1974, the average graduating class from Canadian schools was over 50% female (see Figure 1).<sup>4</sup> From that point onward, the eventual emergence of female pharmacists as the dominant group in Canada became inevitable (see Figure 2).<sup>4</sup>

### Ontario Perspective

In the early 1970s, and again in the mid-1980s, I conducted studies on the women in pharmacy, focusing on Ontario. The last such study,<sup>5</sup> drawing on a sample of over 3,000 respondents, is more extensive than can be reported here, but I would like to share some

highlights with you. While we practice in two different countries, the similarities in our cultures, philosophies and attitudes toward practice, I suspect, will make many of our findings applicable to your situation.<sup>6</sup>

Over 40% of the pharmacists currently licensed in Ontario are female, largely as a result of a school enrollment that is approximately 70% female. Quite naturally then, the proportion of females in practice is skewed toward those who are younger (56% are under 33 years of age) but married (68%). Indeed, marital status and having a young family were the major factors accounting for differences in the practice patterns of men and women.

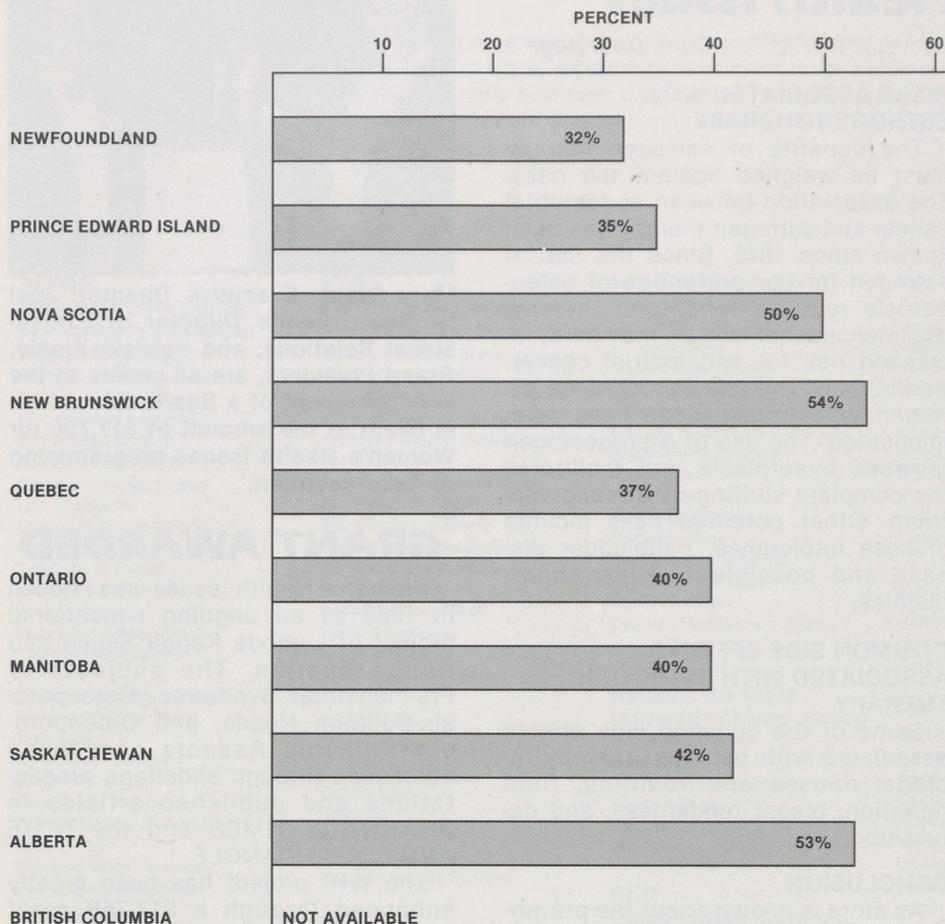
In terms of stability of employment, a greater proportion of women (64%) than men (48%) change employers, a difference which is significant only among pharmacists who are between 33 and 65 years of age and those who are married, divorced or widowed. Male and female single pharmacists, under 33 years of age, are remarkably similar in their job stability and indeed, in their work patterns.

When one compares the shortest and longest times with a single employer according to the respondents' ages, there is generally no significant difference between females and males, particularly among the youngest pharmacists. It is this group which comprises the largest number of females, so this finding is very relevant. Coupled with the similarity in pattern among those in the 33-43 age grouping (see Figure 3) suggests that, as their numbers increase in the higher

### ABOUT THE AUTHOR

Bernie DesRoches received his Bachelor of Science in Pharmacy degree from the Faculty of Pharmacy, University of Toronto, and his Master of Science and Ph.D. degrees from the University of Wisconsin. He was the first North American recipient of a Ph.D. in the area of Social Studies of Pharmacy. He is currently Director of Education for the Ontario College of Pharmacists and Senior Editor of their journal, **On Continuing Practice**, which has been acknowledged as one of the best journals available for community pharmacy practitioners. Dr. DesRoches has carried out extensive research on human resources in pharmacy, focusing particularly on women. He is married, with four children. He and his wife have cared for over 70 foster children in their home, specializing in the needs of battered, sexually abused children, and those with serious medical problems.

**FIGURE 1  
PERCENTAGE OF PHARMACISTS WHO ARE WOMEN: 1985**



age groups, we can expect women to show a degree of stability of employment similar to that of their male colleagues.

When it comes to absence from practice, significantly more females (48%) than males (17%) take time off from work for reasons other than vacation. The main reasons for absence—maternity leave (42%) and time off for rearing children (24%)—together account for 66% of the reasons for leaving practice other than vacation.

While women tend to take time off from work more frequently than men, in general, they are absent for a proportionately shorter period of time (less than one year). An American study<sup>7</sup> reported in 1981 that most females were inactive for less than three years, which is consistent with our findings. However, the study reports that females tend to be away from practice for longer periods than do men, is not consistent with our experience. Another study,<sup>8</sup> also reported in 1981, found that such absences from women could be expected to last from 10 to 11 years, which is not substantiated in our study.

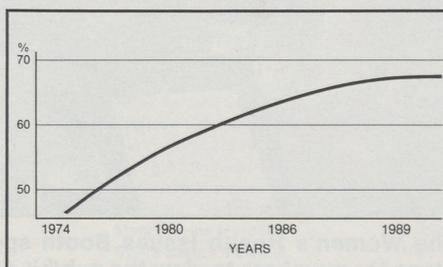
In 1972, 12% of female pharmacists in Ontario were not employed; in 1984, this proportion dropped to 4%, a sig-

nificant difference in light of their comparatively larger numbers.

Viewed from another perspective, we know that 95% of female pharmacists currently residing in Ontario are employed in some facet of pharmacy, compared to 85% for men—virtually no difference!

While the majority of pharmacists are employed on a full-time basis (35 or more hours per week), 87% of men, but only 68% of women fall into this category. The difference is particularly dramatic for work weeks involving more than 40 hours. The difference is rather dramatically and significantly

**FIGURE 2  
PERCENTAGE OF FEMALE GRADUATES—CANADIAN SCHOOLS OF PHARMACY**



related to age, particularly those who are 33 to 65 years old (see Figure 4).

In terms of holding positions of responsibility, e.g., owner or manager of a pharmacy, the proportion of women in such positions has increased substantially since 1972 (27% vs 14%), but men are still by far, the predominant group. Data shows, however, that this is partially a function of time—women are willing to take on positions of responsibility, and as their numbers become larger, they will take their share of these positions.

With regard to our future human resource needs, we have a growing proportion of pharmacists who will be female, but a declining proportion of this work force plans to work full-time. While 52% of the men plan to work full-time in the future, only 44% of female pharmacists indicate an intention to do so, a significant difference. The picture is not all gloomy—the proportion of men and women who intend to work at all compares very favorably—87% for women, 83% for men. What we find, however, is that a greater proportion of these women will be working on a part-time basis only, compared to their male colleagues who, in the majority of cases, will work full-time.

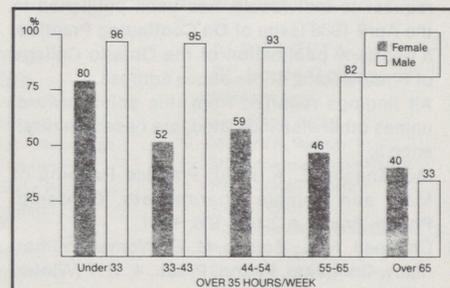
By far, pharmacists who are single are more likely to work full-time in the future than their married colleagues. There is no significant difference between single men and women in this regard but once married, fewer female pharmacists plan to work full-time than do married male pharmacists.

### Summary

If past history is a guide, and women hold true to their projections, we can expect that, in the future, fewer women than men will work on a full-time basis. The profession will adapt to this by filling one full-time position with two or three females willing to work part-time.

There is no indication that pharmacy will ever be a profession devoid of

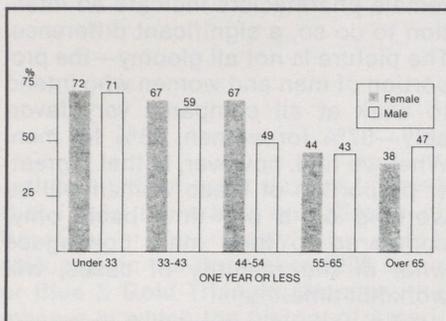
**FIGURE 3  
SHORTEST TIME WITH ONE EMPLOYER ACCORDING TO AGE**



men; while it is certain that it will soon have a majority of female practitioners, there is reason to believe that the needs of both sexes can be accommodated in such a way that their unique skills and interests can be developed to maximum potential, benefiting profession and public alike.

Pharmacy should not view the imminent "shift in power" as a negative event, but rather as a development that must be meshed, through foresight and action, into a professional career in concert with the profession's ideals, standards and role.

**FIGURE 4**  
**HOURS PER WEEK AT PRINCIPAL JOB ACCORDING TO AGE**



**Notes and References**

1. Stieb, E. W. et al: Women in Ontario Pharmacy, 1867-1927, **Pharmacy in History**, 28, 3:125-134, 1986. This is a publication of the American Institute of the History of Pharmacy, Pharmacy Building, University of Wisconsin, Madison, WI 53706-1508.
2. Matuszak, A. J.: History of Women in Pharmacy, **Blue & Gold Triangle**, 6 (Dec.) 1986.
3. Based on data gathered annually by the author from licensing bodies in Canada.
4. Data for 1974-1984 is drawn from Health and Welfare Canada: **Canada Health Manpower Inventory 1985**, 203-206, 1986. Data for 1985-1989 is drawn from personal communications with Deans of Canadian Schools of Pharmacy, 1986. Highest projected enrollments indicate an 86% female graduating class from one university in 1988, lowest would be 44% from another university in 1989.
5. DesRoches, B. P.: **Women in Pharmacy—A 1984 Perspective**, Ontario College of Pharmacists, 483 Huron St., Toronto, Ont., Canada M5R 2R4, 223 pages, 1985. Copies of the full report are available to pharmacy organizations. A summary of the findings, available on request to individuals, has been published in the April 1986 issue of **On Continuing Practice**, a quarterly publication of the Ontario College of Pharmacists, at the above address.
6. All findings reported from this point onward, unless otherwise indicated, are based on reference 5.
7. Mercandate, E. A. et al: Practice Patterns of Male and Female Pharmacists, **Contemp. Pharm. Pract.**, 4, 2:100-106, 1981.
8. Chappell, N. L., Barnes, G. E.: Women in Pharmacy, **Contemp. Pharm. Pract.**, 4, 1:17 (Winter) 1981.

# Women's Health Issues

..... Cont. from page 5

## RISKS ASSOCIATED WITH ESTROGEN THERAPY

The benefits of estrogen therapy must be weighed against the risks. The association between endometrial cancer and estrogen therapy has been known since 1946. Since the use of estrogen for the prevention of osteoporosis requires long term therapy, postmenopausal women may be at increased risk for endometrial cancer. Additionally, the use of high dose estrogen or estrogen alone have been implicated. The use of a progestogen reverses hyperplasia and facilitates the complete sluffing of the endometrium. Other potential risks include glucose intolerance, gallbladder disease and possible clotting abnormalities.

## COMMON SIDE EFFECTS ASSOCIATED WITH ESTROGEN THERAPY

Some of the common side effects associated with estrogen therapy include: nausea and vomiting, fluid retention, breast tenderness, and depression.

## CONCLUSION

As more is known about the prevention and treatment of osteoporosis, women may be spared the suffering of this disease in later years. For now, the best advice is to start early on a life-long course of action which may help prevent bone loss. One can start by including an adequate intake of calcium rich foods with calcium supplementation when necessary. For the older woman, estrogen replacement along with calcium supplementation are appropriate. This, coupled with a regular exercise program, can go a long way toward contributing to healthy bones throughout life.



Mary Gear, Executive Director; Joel Hoffman, Searle Director of Professional Relations; and Patricia Kienle, Grand President, are all smiles at the announcement of a Searle Educational Grant in the amount of \$17,750 for Women's Health Issues programming on Contraception.

## GRANT AWARDED

Women's Health Issues was chosen in 1983 as an ongoing educational project of Lambda Kappa Sigma and Kappa Epsilon. The subjects of Pre-menstrual Syndrome, Osteoporosis-Calcium Needs, and Osteoporosis-Hormonal Aspects have been addressed through slide/tape presentations and published articles in **PHARMACY TIMES** and the **BLUE AND GOLD TRIANGLE**.

The WHI project has been greatly enhanced through a \$17,750 grant from the G. D. Searle Company for programming in 1987-88. The grant will support videotapes, speakers and publications on Contraception.

Joel Hoffman, Searle Director of Professional Relations, recently discussed the project with representatives of LKS and KE at the ASHP Mid-Year Clinical Meeting in Las Vegas. He reported that funding will begin this summer. The videotapes will be available for chapter and alumnae at large use in addition to being shown at the ASHP and APhA Meetings.



The Women's Health Issues Booth sponsored by LKS and KE was a gathering place for members to view the exhibit and visit in Las Vegas at the Mid-Year.

# Campaign for Progress

*Alumnae Chapter Members and Alumnae at Large have contributed and paid dues during the last year bringing success to our fund raising efforts. These sisters in addition to those listed in the December TRIANGLE can be proud to be counted among those supporting the Fraternity with their time and their contributions. There is still time to contribute to the Campaign for Progress or to contact your local chapter to pay alumnae dues. Your gift will help Lambda Kappa Sigma continue to grow and excel for women in pharmacy.*

## **ALPHA** **Massachusetts College of Pharmacy and Allied Health Sciences**

Denise Ducharme Adams  
Margaret Barker Allen  
Ruth Sheldon Bodurtha  
Gail Phillips Bucher  
Gail Bartholomew Cox  
Emma McDonnell Cronin  
Lisa Desmarais  
Laurie McGowan Dionne  
Gay A. Fillippone  
Sue Corkum Folger  
Ursula Elsie Gassiraro  
Vivian Grasser  
Mary Ellen Gillespie Hollis  
Claire Wallace James  
Doris Joe  
Christine Schlegel Johnson  
Margaret Eleanor Jones  
Jean Kalil  
Carol Jean Kuzdeba  
Judith McCarthy  
Olive Stonis Palumbo  
Patricia McGarvey Pentleton  
Nancy Perry  
Charlene Morin Peterson  
Donna Marie Scagliuso  
Carol Senecal  
Marie Rossi Steele  
Kathleen Dolan Whitney  
Irma Friedman Zieper

## **BETA** **Albany College of Pharmacy, Union University**

Rita A. Corbett  
Ann Hall  
Jane Frances Konkol  
Ada Einstein LaCholter  
Louise Swendsen Maggiamaco  
Tracey Mantz  
Roxie Moss Miles  
Mary E. Murphy  
Roxanne Hall Richardson

## **GAMMA** **University of Illinois**

Anna Charuk  
Sue Vozari DeSanto  
Helena Suen Fu  
Magdalene Harmon  
Florence M. Hatter  
Eileen Storto Jaracz  
Therese Hula Remblake

## **DELTA** **University of Pittsburgh**

Carol Ann Nowicki Lyon  
Joan Zitelli Ringeling  
Roberta Wilson Thomas

## **EPSILON** **University of Maryland**

Emma Morgenstern Frey

## **ZETA** **University of California**

Helen Ondry

## **ETA** **Philadelphia College of Pharmacy and Science**

Elizabeth Kessler Brady  
Eliz McCormick Briody  
Ruth A. Brown  
Elizabeth Wagner Chase  
Frances Finnigan Curran  
Betty J. Harris  
Caroline Berger Jushchysyn  
Alice Mack Kerchner  
Patricia Clancy Kienle  
Rocchina D. Leoncavallo  
Dorothy Osborne McAlanis  
Betsy K. Murray  
Rosemerie Pleva Rieck  
Patricia Rossboro  
Mindy Schlachter  
Marie Mobilio Stapinski

## **LAMBDA** **University of Southern California**

Connie Hom  
Ikuko Ito  
Edna Logan Ivans  
Leslie Blinn Litsey  
Vanessa Sorrels Stothers

## **MU** **Washington State University**

Edna Harpole Atkinson  
Henrietta Rubin Churchill  
Carol A. Dean  
Patricia Duncan  
Barbara Allen Franklin  
Roberta Dods Freese  
Helen Wahl Horst  
Martha Merrow Maki  
Gertrude Horn Reavis  
Pauline Gonser Warner

## **NU** **Drake University**

Dorothy Adams Brown  
Mary Chebuhar  
Alice M. Coenen  
Phyllis Miller

## **XI** **University of Rhode Island**

Elena Bablenis  
Shirley Pinder McKee

## **OMICRON** **Wayne State University**

Patricia Pauling Allen  
Joan Moretta Ballentine  
Margaret Bingham  
Rosemay Bonnette Boutt  
Sophie Jonieck Ciemiega  
Audrey Sogoian Derderian  
Bernadette Drobot  
Marlene Delp Fichter  
Mary Kalinski  
Bernadine Zak Kargul  
Mall Rebane Kionka  
Linda Ford Lane  
Barbara Malek Lanzon

Mary Edna Aboud Murray  
Barbara Hardesty Nichols  
Henrietta Zapytowski  
Nowakowski  
Isabel Hause Ozark  
Judith Gerometta Paul  
Josephine Peregon  
Gerogia Wasilowski Randinitis  
Joyce Arlene Robinson  
Jane Rogan  
Patricia Urda Roos  
Beth Ellen Serling  
Rashieda Shah  
Geraldine Basile Smith  
Mary Jane Sudekum  
Helen Wirpsza  
Deborah Montgomery Zubow

## **PI** **Rutgers, the State University of New Jersey**

Diane D'Ambrosio  
Susan Lee  
Dolores Damiano Peterson  
Yvette Sari Sheer  
Carmela Silvestri  
Mary Teresa Tymon

## **RHO** **Oregon State University**

Kim Rowse Brouwer  
Debra M. Haberkorn  
Marilyn Loveridge Johnson  
Muriel C. Vincent  
Marilyn Wong

## **SIGMA** **Columbia University**

Helen Lombardi Conte

## **TAU** **Duquesne University**

Joan Atkinson Ansberry  
Margaret Frazier Basch  
Linda Jaskiewicz Biagianti  
Rose Tarlowski Celecki  
Barbara Ann Chick  
Geraldine L. Thrash Cost  
Sandra J. Crabtree  
Michelle Albano DeBalko  
Sonja Fuchs DeGray  
Arleen Snyder Einloth  
Rita Falcone Ferderber  
Beverly Franks  
Carolyn Goddard  
Marilyn Frances Harris  
Barbara Fazio Harrold  
Margaret McGann Himler  
Rose Marie Rumora Iiams  
Cynthia Marie Kahrer  
Gail Zimmerman Kandor  
Anne Keane Keiser  
Marijo Kraisinger  
Anna Perrone Lamberti  
Stefanie Leister Lanese  
Cathy Ann Laska  
Jeanine Matsukas Majzlik  
Geraldine Manzione  
Rosetta L. Manzione  
Mary Perrine Meredith  
Sylvia Bartos Mulvihill  
Susan Schultz Neely

Susan Nuskey  
Susan Matters Oliver  
Hazel E. Easterbrook Overbeck  
Patricia Preto  
Diane K. Ryan  
Antonietta Sculimbrenne  
Lynne Ferris Soltis  
Karen Mary Hayes Sporrer  
Barbara Grube Starzynski  
Donna Marie Tobin  
Mary Jo Vajentic  
Rita M. Modic Walker  
Linda Christine Wieloch

## **UPSILON** **Idaho State University**

Debbie Lyn Craig  
Kathleen Bowker Payne

## **PHI** **Butler University**

Patricia Crook Bennett  
Annette Etter Birt  
Kathy Bradley  
Joanne Brown  
Merri V. Strong Cascio  
Deanna L. Muncie Dempsey  
Nancy McConnell Devens  
Portia Dutchess Devore  
Julia Hughes Dillon  
Pamela Nelson Dryden  
Beverly Swanson Etherington  
Kathleen Higgins Fon  
Joanne Fritz  
Emily Cramer Hancock  
Roselene Freije Hider  
Katherine Iknayas Huff  
Sheryl L. Williams Isenberg  
Lucille Kuhn Kavanagh  
Adele Lobraico Lowe  
Anne Wolfe Medearis  
Anita Battista Meek  
Beth Ann Lorenzen Norris  
Patricia Johantger  
O'Shaughnessy  
Karen Jean Geisler Roberts  
Harriet Seacott  
Sylvia Marie Schmidt  
Sandra Holt Senetar  
Karen Woodruff Smollen  
Dayna Whitehead Stein  
Ann A. Stevenson  
Patricia Louise Leerkamp Taylor  
Christine A. Elek Urbanski  
Jeanne Hawkins Van Tyle  
Karen VanDerMeid  
Donna Wall  
Debra Foltz Wilson

## **CHI** **University of Washington**

Lisa K. Furomoto Barr  
Marilyn Johnson Briggs  
Shirley Lisman Cavanaugh  
Pat Landers Chandler  
Christine Powers Ferris  
Rosemary Knutson Fox  
Donna Fujii  
Cynthia Ito Hinds  
Nancy Nelson Horst  
Ina Edwards Jenkins

Lillie Brashear Jones  
Jean Hanson McLaughlan  
Karen A. Hansen Nelson  
Marla Beers Oskinski  
Marilyn Martin Palmer  
Susan Lewis Priestner  
Susan Winters Rowe  
Linda J. Little Rupnick  
Virginia Sargavakian  
Lucille K. Klone Schimel  
Amy Carol Koths Shea  
Lynette Tallman Scott  
Connie Carr Shafer  
Shelley Sunich  
Eileen P. Hornall Tanac  
Lois Lemon Thom  
Joyce Y. Yamada Tsai

## **OMEGA** **Medical University of South Carolina**

Theresa Hedgecock

## **ALPHA ALPHA** **Temple University**

Suzanne M. Heske  
Eugenie M. Lepri  
Oksana Katchak Novitsky  
Inez Griggs Zell

## **ALPHA BETA** **University of Connecticut**

Shirlene Easley Carfi  
Barbara Jean DeMaio  
Merece LeGeyt Goodwin  
Joanne Hesketh  
Stacy Lynn Kimmel  
Claudia E. Melo  
Barbara Zuius Philipp  
Sandra J. Grillo Pulaski  
Joan McNamara Radin  
Mary E. Trcka Simonetti

## **ALPHA GAMMA** **Samford University**

Wendy Thompson Crick  
Xanthi Hahamis Grammas  
Kim Michelle Hunt  
Abigail Elizabeth Parkerson  
Belinda Rolfe Storey

## **ALPHA EPSILON** **University of Tennessee**

Donna Kohls Curry  
Sandra Haverstick Fancher  
Robin Renee Hammons  
Betty Hart Tusa

## **ALPHA ZETA** **St. Louis College of Pharmacy**

Laura Ann Beiter  
Marilyn K. Burton  
Mary Joanne Byrne Huber  
Pamela Keil Ehlers  
Avis J. Ericson  
Antonia Garamella Evans  
Patricia Giganti  
Christine Ettlign Grass

..... Cont. on page 16

# CHAPTER NEWS

## BETA Albany College of Pharmacy

The spring semester began with pledging on January 19th. Beta Chapter welcomed 18 new sisters on February 1st with the traditional ceremony and refreshments following. As their pledge project, the pledge class of 1987 visited the Ronald McDonald House and helped with various chores around the vicinity.

For Valentine's Day the sisters of Beta Chapter put together a fundraiser involving a kissing booth, and candy kisses of course! Our many fundraisers include: weekly sweatshirt sales, ice cream sundae sales, and carwashes. Beta Chapter is attempting to begin a new type of FUNdraiser, a Mr. ACP contest in April.

Our pharmacy-related committees have been active in many projects. These include: distribution and instruction on the use of early detector colo-rectal cancer kits, a display and literature concerning a different drug each month, and attempts are being made to have various elementary schools participate in a fingerprinting program.

Hygeia Day was celebrated with a Quarter-A-Dip dinner with everyone welcome. To celebrate the initiation of the 1987-88 officers, a Mother/Daughter Brunch was held in April. Also in April, an Alumnae party was held to celebrate Beta Chapter's Founders' Day. To end the semester on a fraternal note, Lambda Kappa Sigma Beta Chapter will invite our brother fraternity, Kappa Psi Beta Delta Chapter, to a formal cocktail party.

Joan DeMario

## DELTA University of Pittsburgh

Ten pledges were inducted as sisters on January 26 followed by dinner at Brandy's Restaurant. The pledge class presented a hand made table cloth to the chapter to be used at future ceremonies. New sisters include Toni Frangona, Rhonda Huisenga, Marie Kelly, Diane Pessolano, Tonya Ponzurick, Christine Ruby, Lianne Russolo, Michele Stoyka, and Kristin Voorhees. Best pledge was Laura H.

Our annual formal dinner dance was also held in January at the Park Schenley. Guests included alumnae, faculty members, and Linda Wieloch, Regional Supervisor.



**Beta Chapter Officers were all smiles at Founders Day celebration.**

Delta chapter was honored to have Madeline Feinberg present her "Eldercare" program during the school's Pharmacy Week celebration in February.

We plan to continue our monthly career seminars that we began last term. Half of a regularly scheduled meeting is allotted for our guest speaker. Our speakers have included Pitt and LKS alumna Lorraine Horner, who spoke about obtaining an MBA degree after pharmacy school and Pitt alumnus Dr. Ed Antel who spoke on obtaining a Ph.D. degree and his Upjohn position. Fundraising activities have included several bake sales, a coffee and donut sale, and a "School of Pharmacy" sweatshirt sale. We also hope to present a poison prevention program at the School for Deaf Children this term.

Delta Chapter plans to reactivate its Alumnae Chapter in honor of the University of Pittsburgh's Bicentennial. Any interested lambs that we have not been able to locate should contact the alumnae office to give the coordinators an updated address.

K. Kalp

## NU Drake University

The sisters of Nu Chapter started out the spring semester with enthusiastic new officers. We have already held lots of activities in the few weeks we've been back at Drake and have many more planned.

The first thing we did after Christmas break was have "Activation Week" for our two fall pledges, Abby Schwartz and Kelly Thomas. After a week of fun, they were initiated. Special congratulations go to Kelly, Outstanding Pledge, and her "Mom", Marta Neill, Outstanding Pledge Mom.

The next thing was Rush. Our Infor-

mal Rush was a pizza party while at Formal Rush we made ice cream sundaes and viewed a slide presentation showing the prospective pledges some of our activities of years past. The spring pledging ceremony was held on February 6th. Congratulations to our new pledges Kris Javella, Stephanie Semler, and Jackie Spiegel! After pledging we had a fun pajama party with Kappa Psi and their new pledges.

This fall we started a new professional project. We are working with the Iowa Society to Prevent Blindness by vision screening five Des Moines preschools each year. We are pleased to have found an on-going project for future years.

This semester, our three pledges will be selecting their pledge moms and then some day, very early in the morning, the actives will be kidnapping them for breakfast! We also visited Blank Children's Hospital to help the children make Valentines. In addition, we are making plans for our HOPE project, our annual Spring Formal with Kappa Psi, and for street painting at this year's Drake Relays.

Amy E. Ouart

## OMICRON Wayne State University

On December 18, we initiated three new members. Since then they've all become very involved. Therefore, we extend our appreciation to Valerie Bailey, Sandy Daily, and Karen Putty. We now have six pledges.

This year we sponsored many professional and community service projects. Faculty members lectured to a local high school on the subject of "Crack"; we set up a showcase promoting "responsible" drinking; and provided two needy families with baskets of food and gifts for Christmas. Our service to the needy will continue this semester when we volunteer our patient counseling skills. We also held our annual bake sale for Project HOPE.

We still had time for fun. This department included such activities as horseback riding and ice skating. The skating we'll do again. We enjoyed the chance to sport our new fraternity jackets. The horseback riding is questionable.

In the area of fundraising we've sold t-shirts and sweat shirts, held bake sales, and took part in a survey for our alumnae.

## TAU Duquesne University

To start the new semester, officers were elected: President, Berni Brezinski; First Vice-President, Patty Wanzie; Second Vice-President, Cherie Lynn; Recording Secretary, Danette Lang; Corresponding Secretary, Jennifer Berry; Historian, Candice DelVecchio; Treasurer, Lisa Mazarik; and Pledge Mistress, Lori Barton. One of the first projects of the new officers was a written survey, asking sisters' opinions on several aspects. By polling members' likes and dislikes, the survey helped plan a semester enjoyable to all.

Rush, this semester, kicked off with a Beach Party—a nice escape from the dreary Pittsburgh winter. Pledging was underway with such activities as Big/Little Day, Blue and Gold Day, and a pajama party with videos and pizza. We were proud of our five pledges: Denise, Hee, Karen, Shawn, and Valerie; they worked very hard getting to know both the Fraternity and the sisters.

One major project we have been working on the past few months is the production of a slide show. It will be shown at Open Houses and to prospective pledges in order to introduce LKS to those unfamiliar with the fraternity.

Along with our annual events: Hygeia Day, Parent Tea, Senior Banquet, and a Spring Formal; other plans included a skiing trip and an ice skating party.

Congratulations are in order for two of our sisters, Terri Kwiatek and Laurie Dandar. Terri was awarded a Cora E. Craven Educational Grant, which is given annually to members in good standing of LKS enrolled in B.S. in pharmacy or Pharm.D. programs.—Good job Terri! Laurie recently announced her engagement to Greg Chiodo (one of our former Fraternity Sweethearts). Best of luck to Laurie and Greg for a very happy and healthy future!

Candice DelVecchio

## ALPHA ALPHA Temple University

The Alpha Alpha Chapter, I am proud to say, is well on its way to recovery. A special thanks to all those at the convention who gave us that extra oomph!

We started the school year off plainly, by hosting a Generic Party. Other rush functions included our annual

luncheon and a Pizza Party.

In November our guest speaker, Robert Voytovitch, Director of Pharmacy of Underwood Memorial Hospital in Woodbury, NJ enlightened us on the ASHP and Residency Programs. Flowers were sent to Emma Cronin for Founders' Day.

Fundraisers, a much needed source of income, included a bumper sticker sale with the slogans, "Pharmacists Rx-Rated" and "Pharmacists are Indispensable." A carnival complete with cotton candy, snowcones, peanuts, and popcorn was held in the lobby. Trish Romanovitch, '88, danced around in her clown outfit to the delightful carnival tunes.

By far, the highlight of our semester was the addition of sixteen new pledges! We welcomed them with a delicious "Make your own Sundae" study break.

The sisters helped spring on its way by warming the hearts of our fellow classmates at our annual Valentine's Day Party. We are very honored to have Ruth Brown celebrate Hygeia Day with us and the Eta Chapter from PCP&S by speaking at our luncheon. A farewell to our seniors will take place in the form of a tea. The final step in the Alpha Alpha Chapter's reconstruction will come in May when we move into our new LKS house.

Dina Rovere  
Mickey McCarthy  
Monica Crain

## ALPHA GAMMA Samford University

Since the end of pledging, the Alpha Gamma sisters have been very busy with service, social and professional projects.

The pledges were especially busy during this time. On October 10, they helped decorate Samford's cafeteria for homecoming and collected tickets at the alumnae meeting. In November, they held a blood pressure screening for the customers of Birmingham's West End drugstore. In the spring, they will sell "Pharmacists Are Indispensable" shirts. Congratulations to Kelly Ellis and Leslie Poole who were named super-pledges at the December Christmas program.

On October 11, we registered guests for the C.E. program at Samford. On October 17, we celebrated Founder's Day. Also that evening we had our Big Sis-Little Sis slumber party at the home of Kelly Ellis. On October 21, the LKS and Kappa Psi women won the women's intramural football championship. At the end of the month the pledges were initiated. After initiation the pledge class had an ice cream party at Swensen's.

In November, LKS sponsored a speaker on hospital pharmacy. We also presented a program on osteoporosis and gave calcium supplement samples to students, faculty, and staff. We also celebrated Thanksgiv-



Trish Romanovitch and Kathi Goul at the Alpha Alpha Chapter Carnival Day at Temple University in Philadelphia.

ing (a few days early) at Sadie's restaurant in Roebuck, AL.

We began December by winning the intramural women's volleyball championship with the sisters from Kappa Psi. Throughout the month, we collected toys for the "Toys for Tots" drive and presented them to the Fraternal Order of Police at the Christmas program December 12. Participating in the program were Kim Alton and big brother Eddie Bostic who sang a duet, "Winter Wonderland." "Grandma" Ginger Tidwell told the story "Twas the Night Before Finals." Randy Brown, Tim Young, David Holland, Stanley Hicks, Mike Stinnett, Lee White, Bruce Pelfry, Robert Bowers, Eddie Bostic, and Hank Goodbub were named this year's Big Brothers. Alvin Lipps and Cecil Vincent were named Sweetheart and Mr. Personality, respectively. Following the program, a party was held in the foyer of the pharmacy school. Decorations were provided by LKS.

Our spring semester promises to be equally busy. Some of the activities planned include Valentine's Day Candy-Gram sale as a fundraiser for Project Hope. Also planned are activities in observance of Hygeia Day, a spring formal and a clothing drive.

Kris Stuteville

## **ALPHA ZETA St. Louis College of Pharmacy**

This semester has brought a lot of activities to our chapter. When we returned from Christmas break, we found that "Rush Week" was just one week away. We entertained our guests at a refined Italian Restaurant with dinner, speeches, a skit, and lots of game-show type games. Everyone had a great time and it proved very successful as we now have a pledge class of 17!! Once again pledging season is lots of fun mixed with some work where everyone gains in the end! The sisters are also busy with bagel sales, candy sales, and the traditional carnation sale held in association with Valentine's Day. We hope everyone else had a great pledge turnout. It's so super to see so much sisterhood!!

Cheryl Robinson

## **ALPHA IOTA Ferris State**

Fall was full of Professional activities for Alpha Iota. We sponsored our quarterly blood drive with the men of Phi Delta Chi. We also continued to



**Winners of the Alpha Iota professional awards include (l. to r.) Zayda Pizarro—Executive Board Award, Jackie Batchelor—Pledge of the Year, Karen Angwin—Ruth Davies Flaherty Award, and Kim Hindenbach—Lamb of the Year.**

keep our bingo date once a week with the older people at the Greenridge Nursing Home. And for the die-hard studiers at Ferris, we kept the Pharmacy Reading Room open late two nights a week. With our careers in mind, our member Ann Panches had her father speak to us. Being a Registered Pharmacist, he spoke on the advantages of getting involved with Pharmacy Associations. Finally, we celebrated Christmas with the underprivileged children of the County.

Fall was also filled with social get-togethers for the AI women. It seems whenever our chapter gets together, we have to pass around a sign-up sheet to bring food! We lambs of Alpha Iota LOVE to eat. Because of this, we formed two volleyball teams with the men of Kappa Psi and the men of Phi Delta Chi to keep in shape.

We also sold mums and sweatshirts this year. We were very pleased at selling 500 mums, with all proceeds going to Project H.O.P.E. By selling many warm sweatshirts, we were able to fund our winter Formal this year.

Winter Formal was a great success. We were proud to see alumnae Karen Weist could make it. Our Formal is a time to honor our seniors with special "joke" awards, and to present our Professional Awards.

Lori VanDeKerkhove

## **ALPHA LAMBDA University of British Columbia**

Last term during "Monte Carlo" Night, Alpha Lambda Chapter successfully raised a sizable donation for Berwick Preschool. This term a few lambs went to visit the preschool and were thrilled to learn that our donation was used to hire a speech therapist. At the "International Dinner" the alumnae met the collegiates. Everyone had a great time sampling each others' ethnic dish. Educational events this term included a "Woman to Woman" Conference and a salad luncheon and lecture about "Elder-Care" sponsored by Parke Davis. "Manufacturer's Night" was also educational by talking to and questioning drug representatives, gathering pamphlets, and collecting samples.

On February 19-22, C.A.P.S.I. (Canadian Association of Pharmacy Students and Interns) members from across Canada attended "Professional Development Week" in Vancouver. Our chapter had a table to display and promote LKS, encouraging other Canadian girls to form a chapter. The money raised in our recent plant sale was donated to PDW. From March 6-8, Alpha Lambda helped with the film show at U.B.C. Health Sciences' Open House. At both of these events, the members promote LKS with our new and flashy LKS/U.B.C. sweatshirts.

Elaine Hasebe

## ETA ALUMNAE Philadelphia, PA

Eta Alumnae Chapter has a new President, Geraldine (Gerry) Hanton Barnes, '70; Carolyn Jushchysyn will continue as Treasurer and Frances Curran as Secretary. The chapter is delighted that Patricia Clancy Kienle was re-elected Grand President at the 1986 Convention, Ruth (Foof) Brown was elected to the new position of Vice President for Alumnae, and Frances Curran was elected as a Grand Council Advisor. We wish them well during the biennium.

The chapter has donated over \$5,000 of its scholarship funds to the LKS Educational Trust and the Trust will administer the funds so that an annual \$500 Virginia Osol Memorial Grant can be awarded to an Eta Collegiate each year on Hygeia Day. Anyone wishing to contribute to the fund may send a check to the LKS Trust, c/o Adele Lowe, 12610 Brookshire Parkway, Carmel, IN 46032.

Eta Alumnae Chapter, through the PCPS Dean of Students Office, was instrumental in locating a very long lost Lamb from Nu Chapter—Celia Frumer Handleman. Celia, a 50 year member, was initiated into Nu Chapter in 1929, the same year she graduated from the Des Moines College of Pharmacy, now Drake University College of Pharmacy. Following graduation, Celia and her husband migrated to Philadelphia, PA where they operated a pharmacy for 37 years but LKS never knew where she was. She is a widow now and living at York House, a retirement community in Philadelphia. Now that Eta has found Celia, we are making her a member of the chapter and will meet with her soon.

Since the Eastern Regional Meeting will be held at the Lackawanna Station Hilton in Scranton, PA the weekend of September 25-27, 1987, the chapter invites all who can to attend so we can have a mini-reunion.

Alumnae support for the upcoming election of the PCPS Board of Directors is being sought for Ruth Brown, Carolyn Jushchysyn and Frances Curran. Be on the lookout for a ballot and vote.

Eta Alumnae are very proud of our collegiate sisters Stephanie Santos and Vickie Rehill who have been awarded Craven Scholarship Grants.

A survey of the chapter's total membership indicates that many Etas are "lost". If you know of anyone who might be "lost", especially sisters who may have not graduated, and have an address, let Frances Curran know, c/o PCPS.

Frances F. Curran



Wendy Goodwin and Koko Wenzel enjoying Alpha Lambda Monte Carlo night in Vancouver.

## PHI ALUMNAE Indianapolis, IN

Spouses and friends were invited to attend our November meeting at a favorite Mexican restaurant. The civic speaker was a former Hospital Administrator who roused enthusiasm for the Tenth Pan American Games to be held in Indianapolis, IN August 7-23, 1987! Several members are interested in volunteering and others are planning to support the Games by purchasing tickets. We celebrated the Christmas season by exchanging confectations at the December meeting. We also finished the Current Paper Products sale as our primary fundraiser.

Continuing education programs are being offered at the January, February, and March meetings. Non-member pharmacists are encouraged to attend for a nominal fee. The topics include Serum Triglycerides, Alzheimers Disease, and a New Drugs of 1986 Review for the total of five C.E. hours. We have been thrilled to see several collegiate members at our meetings—this makes the transition into Phi Alum life a natural! We plan to host a Senior Recognition Banquet in April for the graduating collegiates; then a Salad Dinner in May just before the summer recess for both Phi Alums and collegiates!

Merri V. Cascio



Gamblers nervously waited while Andria Chang dealt at the Monte Carlo night. The winner was the Berwick Preschool where the Alpha Lambda donation was used to hire a speech therapist.



Phoenix Metro Chapter members posed with Madeline Feinberg after their CE program on Elder Care. Pictured are (l. to r.) Nina Foushi, Marti Coyne, Ruth Demar, (back) Pat Hoyt, Charlotte Loring, Vivian Jeras, Madeline Feinberg, Nancy Twigger, Jean Nahom.

## ELDER CARE

We've started the Elder Care® program in Phoenix! If you were at the Convention in Indianapolis or have read the December 1986 issue of the "Blue and Gold Triangle," you know that this is LKS's Biennial Project, and what a perfect project for those of us in the Phoenix Metro Chapter. With our normal component of elderly in the population, plus a huge retirement component, plus our winter visitors who leave the snow and cold for our sunny skies, we have the ideal population for this project.

Phoenix Metro wanted to bring Madeline Feinberg to our chapter to speak with us about Elder Care® and to show us how it's done. After talking with Parke Davis representatives about the possibility of doing this, we found that they require an audience of 75 participants in order to send Maddy as a guest speaker. Since we are only 20 in number, LKS decided to make this a joint venture with the Central Arizona Society of Hospital Pharmacists and Maddy came to Phoenix.

Madeline came in January and we promised her sun and warm weather. (This seems like an easy promise to keep when you live in Phoenix.) However, on the day of her arrival, we had frost and the coldest day in ten years! So much for promises. Maddy was her usual vibrant self and presented two programs to help us begin our Elder Care® project.

She first joined us at the Squaw Peak Senior Center in Phoenix to conduct a workshop on how to present the program. About ten pharmacists and Maddy had lunch with the Seniors at the center and then Maddy presented Elder Care®. When we were looking for an audience that Maddy would address, we contacted the City

of Phoenix Human Resources Department. They directed us to the Division of Aging Services and this department set up our meeting at Squaw Peak. We found that Phoenix has twelve Senior Centers throughout the city. They are open Monday through Friday and are designed to get people involved in activities to prevent isolation, withdrawal and loneliness. In the smaller communities surrounding Phoenix we found similar centers, other community groups for Seniors, church organizations, nursing homes and Senior groups in trailer parks who will be our audiences.

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## 75 Year History Lambda Kappa Sigma

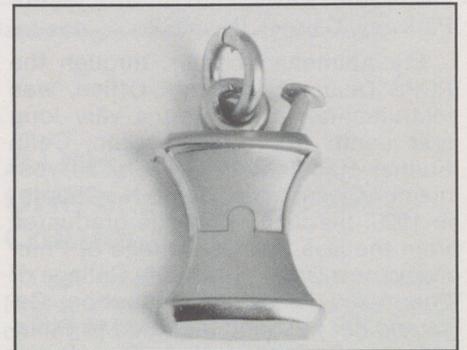
In conjunction with the 75th anniversary convention in Boston in 1988, Lambda Kappa Sigma is publishing an anniversary history book. For the 50th anniversary of the fraternity, the Golden History Book was published. We will build on the GHB by updating the history of all chapters since then. The 75 Year History Committee strongly suggests that every chapter form a committee to locate all material now stored in file drawers, boxes, and in notebooks and be ready to write the chapter history. When directions, which will include a copy of the chapter material from the GHB, are sent to the chapter—soon—the chapter will be prepared to tell its story. Alumnae members who may have some chapter material at home should contact their chapter. The 75 Year History Committee: Patricia Kienle, Ruth Brown, Frances Curran and Nancy Horst. Alumnae-at-Large may send additional information to Patricia Kienle.

## FICHTER RECEIVES BOWL OF HYGEIA

Marlene Fichter, Omicron, has received the 1986 "Bowl of Hygeia" for the state of Michigan. The award was presented in recognition of Marlene's work against substance abuse and as chairman of the Pharmacist Helping Pharmacist Council. The council deals with impaired pharmacists in the state of Michigan.

One of only two women in the state of Michigan to receive the award, Marlene joins Jane Rogan, another Omicron sister, in the honor. Recipients of the Bowl of Hygeia were the guests of the A. H. Robins Company in Richmond and also honored at the NARD convention.

The Omicron Alumnae Chapter presented Marlene with the Ruth Davies Flaherty Service Award in September.



Mortar and Pestle Jewelry (pictured larger than actual).

## JEWELRY ITEM INTRODUCED

Balfour, our official Fraternity jeweler, has made available a new jewelry item for members and friends. Symbol of our profession, the mortar and pestle makes an attractive charm or pendant. Consider this as an attractive gift for graduating members as well as incoming first year students who are looking for something to symbolize their chosen profession. The jewelry is available in Balclad (gold electroplate) at a cost of \$7.50 or in 10K gold at a cost of \$27.50. Please add \$2.00 to each order to cover postage and handling. Orders must be pre-paid and the jewelry may be ordered from Lambda Kappa Sigma, International Office, P.O. Box 981, Claremore, OK 74018. Chapter members will be using jewelry sales as a fund raising effort by adding a chapter profit to the cost of the jewelry.

# GRANT RECIPIENTS

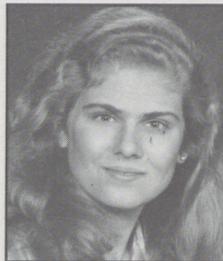
## CORA E. CRAVEN RECIPIENTS



Kimberly D. Kalp  
Delta



Victoria Elizabeth Rehill  
Eta



Stephanie Santos  
Eta



Theresa M. Kwiatek  
Tau



Susan E. Baron  
Phi



Kimberly Ann Alton  
Alpha Gamma



Amy Jones Campbell  
Alpha Epsilon



Leberta Gentile  
Alpha Zeta



Brenda Jaworski  
Alpha Iota



Mary Jo Bischoff  
Alpha Mu



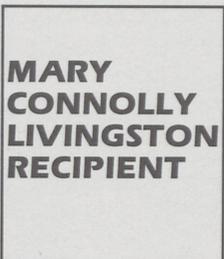
Frieda Ann Hill  
Alpha Nu



Theresa Allen  
Alpha Xi



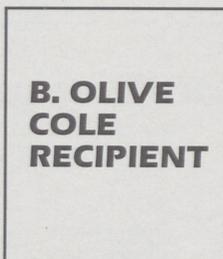
Le Hue Tran  
Alpha Xi



MARY  
CONNOLLY  
LIVINGSTON  
RECIPIENT



Ellie Howell  
Alpha Nu



B. OLIVE  
COLE  
RECIPIENT



Karen Bossert  
Beta

## FIRST LIVINGSTON GRANT AWARDED

Donations to the memory of Mary Connolly Livingston (1894-1982) have enabled the Lambda Kappa Sigma Educational Trust to offer a grant in the name of our founder. It was her initial generous donation to the trust that laid the basis for what has become a funding source for graduate and undergraduate pharmacy educational grants. Mary Livingston was an enthusiastic and diligent pharmacist who saw great importance in the sound professional training of pharmacists. The establishment of the Livingston Grant will help to ensure the lifeblood of her profession and that of her Fraternity.

The Livingston Grant will be awarded annually to a Pharm.D. student who ranks in the upper half of her class and presents evidence of financial need. The first grant is awarded to Ellie Howell, Alpha Nu. Ellie ranks number one in her Pharm.D. class and will graduate in 1988. Active in Alpha Nu chapter, she has served as Pledge Class President and AN First Vice-President.

## Beta Sister Receives Cole Grant

Karen A. Bossert, a 1982 graduate of the Albany College of Pharmacy at Union University and a sister of Beta Chapter, was awarded the Dr. B. Olive Cole Graduate Educational Grant for 1986. Karen is a Ph.D. candidate, majoring in pharmaceuticals, at the Philadelphia College of Pharmacy and Science. Following graduation she plans to enter the pharmaceutical industry to obtain practical experience and later hopes to return to academia to teach.



I'm pleased to support the Educational Trust. Here is my gift!

( ) Other \_\_\_\_\_ ( ) \$50 ( ) \$25 ( ) \$20

Name \_\_\_\_\_

Gifts may be sent to:

Address \_\_\_\_\_

Adele Lowe, Chairman  
LKS Educational Trust  
12610 Brookshire Parkway  
Carmel, IN 46032

Chapter \_\_\_\_\_

If gift is to be a commemorative or memorial one, please list name of person to be honored and the occasion.

\_\_\_\_\_

# COMING UP! REGIONAL MEETINGS

July 31–August 2	Midwestern Regional Novi Hilton Detroit (Novi), Michigan
August 14–16	Western Regional Sheraton Plaza 500 Vancouver, BC, Canada
September 25–27	Eastern Regional Lackawanna Station Hilton Scranton, Pennsylvania
October 9–11	Southern Regional Hilton at Peachtree Corners Atlanta (Norcross), Georgia

Write the International Office, LKS, P.O. Box 981, Claremore, OK 74018, for complete hotel and registration information.

## ELDER CARE

..... Cont. from page 14

In our second program with Maddy, she addressed the group of pharmacists from LKS and CASHP in a two hour CE program. She stressed the problems of the Seniors, the disease states they encounter most often and their lack of information. She stated that we, as pharmacists, are the perfect educators for this population, so we are challenged to meet this need. Parke Davis has provided many resource materials to use in presenting the Elder Care® program and Maddy acquainted us with these slides, pamphlets, etc.

The pharmacists in Phoenix thank both Parke Davis, for their support and Madeline Feinberg, for her caring and great spirit, that infects us all. LKS members in Phoenix are excited about our part in the Elder Care® program and are ready to begin!

Jean Nahom  
Phoenix Metro

## Campaign for Progress

.... Cont. from page 9

Mary Grear  
Barbara Jean Hauck  
Elizabeth Ann Graves Keener  
Michelle Liszewski  
Jean Mann  
Robin Mihalevich  
Char Schlueter Oldani  
Judith Joerling Peipert  
Peggy Keil Rehmer  
Rhonda L. Rosenberg  
Pam Young

Marianne F. Plachta  
Esther Gramza Woods

### ALPHA IOTA Ferris State

Barbara Schaffer Berryhill  
Mary Ellen Engelgau  
Suzanne Wheeler Grehl  
Wendy Malwitz  
Joan Leever McCloskey  
Joanne Perry McGurn  
Betsey Spayde  
Lori Purnell Thomas  
Sandra McFarland Wolinski

### ALPHA KAPPA University of Georgia

Luanne Betz  
Wanda C. Black  
Catherine Marie Burnett  
Jane Heng Chin  
Evelyn Katherine Dixon  
Penny H. Bragg Hall  
Marsha Claire Kapiroff  
Judy Peeler  
Carolyn Ann Perry  
Deborah Ward Shivar

Rheta Leverett Skolaut  
Billie W. Wickliffe

### ALPHA MU University of Toledo

Mary Rolf Edwards  
Beverly King  
Sandy S. Kline  
Sarah Carson Newell

### ALPHA NU University of Kentucky

Mary Lou Schepers Anderson  
Barbara Carver  
Patricia Chadwell  
Patience Nave Fort  
Pamela Lynne Gore  
Eva Frances Hall Grogan  
Lynn Harrelson  
Judy Stewart Ladd  
Sandra Lawler  
Julie H. Anderson Losch  
Becky Hunter Sergent  
Mary Kolb Sutherland

### ALPHA XI University of the Pacific

Fan F. Lau Au

H. Michelle Becker  
Ruth Conroy  
Fredericka Fineman  
Linda Southworth Flournoy  
Anne Conyers Hom  
Lisa Iwasaki  
Valerie M. Kubota Kosaka  
Cynthia Lem Lee  
Suzanne Millar  
Catherine Kyoko Nihei  
Sally Redemann  
Norma Ross Sexton  
Edna Shum

### ALPHA OMICRON West Virginia University

Debbie Pasquarelli  
Debby Warden Phillips  
Debbie Waddell

### ALPHA RHO Northeastern University

Debra L. Krasnow

### ALPHA SIGMA Texas Southern University

Sharon Davis

Cheryl Ann Gatlin  
Barbara Mason Hayes  
Shirlette Glover Milton

### PHOENIX METRO

Wanda Jagodzinski Cooke  
Martha Coyne  
Nina Rose Foushi  
Patricia Elaine Hoyt  
Dorothy Cunningham Jaeger  
Cheryl Cepelowitz Jalowiec  
Charlotte Loring  
Norma Ellingwood McConnell  
Carmelita Scafuri Moczynski  
Jean Grimm Nahom  
Mabel So  
Nancy R. Twigger

### ALPHA ETA Long Island University, Arnold and Marie Schwartz College of Pharmacy and Health Science

Hilda L. Rivera

### ALPHA THETA State University of New York at Buffalo

Renee Rizzo Fleming  
Rose Crimald Madejski



Address Correction Requested

**LAMBDA KAPPA SIGMA**  
**International Pharmacy Fraternity**  
**P.O. Box 981**  
**Claremore, OK 74018**

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