At REVCO, it's the pharmacist up front that counts

The major and basic difference between Revco's 288 stores and ordinary drug stores is the Company's marked emphasis on its prescription business. Revco pharmacists now fill prescriptions at the rate of nearly 13 million a year.

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- Revco's training program for interns is the most outstanding in the profession
- Revco provides excellent salaries and fringe benefits
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- Revco's rapid growth and continuous expansion program offers many opportunities for advancement to management positions

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Mr. Albert Selk
Assistant Vice President,
Store Operations
Revco D.S., Inc.
3030 Olney Road
Cleveland, Ohio 44113

The WAYNE PHARMIC
Volume 16 1972 Number 2

Thank you

The Pharmic staff wishes to extend its appreciation to Dr. Dunker for his invaluable assistance in forming this publication.

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Staff

Editor
Business Manager
Business Assistant
Photographer
Activities Editor
Contributors
Guest Writers
Faculty Advisor

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Have you considered the challenges and rewards of a professional sales career? As a Lilly representative, you will bring new developments and firsthand information on important pharmaceuticals into the physician's daily practice. To do so, you are Lilly and considered a valued member of the health team. You will be the technical expert representing a company that is backed by the finest research facilities and a reputation for quality and progress. It is a most rewarding way to make full use of your extensive pharmaceutical training.

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THE ROLE OF THE PHARMACIST

A task force to develop criteria for a clinical role for the pharmacist sponsored by the Department of Health, Education and Welfare, published a report in the Spring of 1971. Virginia Cleland, Ph.D., Professor, College of Nursing, Wayne State University was a member of this task force. The report begins by stating "The pharmacist is a health resource whose potential contribution to patient care and public health is grossly underdeveloped and, thereby, is used ineffectively."

LOOKING AHEAD to SPARE TIME

"Tell me what you do with your spare time," says the old gypsy fortune teller, "and I will tell you what sort of a person you are."

The rule holds good for all, the high-paid executive and the young beginner. During business hours you are doing things that you have to; even the president of a nation must obey the strict discipline of many important matters to be handled quickly. And there's no use trying to judge a man by the things he does under pressure.

But when the pressure is over, and you can do as you please, what do you do then? Four nights a week in the bad old for a movie? Most of Sunday reading the funny sheets and the murder trials? Then the gypsy fortune teller will have no trouble predicting your unhappy future.

For happiness is made of better things than these. The pleasure seeker never finds it. It comes to those who have planned wisely for their spare time. To the man or boy who has learned to get recreation and renewal of energy out of an evening at home with a book.

Good books in the long run cost no more than cheap amusement, and the whole interest on the investment is a whole lot higher. Books furnish your mind with thoughts and keep it bright and up-to-date. A bookless man is like a haunted house, its emptiness, dust, and cobwebs never attract.

Include a book budget in your regular living expense account, and see what it does for you by the end of the year! Plan to spend a small sum out of your allowance each week or each month for books. Go home each night with the knowledge that a good book is waiting to be begun or finished after dinner. You'll be surprised how much real happiness you will find and how much unexpected prosperity will come your way. Better than all, you'll find yourself thinking, forming a
Reflections from the Editor

As I look back on my five years at the College of Pharmacy, I cannot help but reflect on the memories of events past. Although all of us were united by a common professional bond in a health care team, there was something more that united the students in my class. It was the bond of friendship. It was never announced publicly, but it was noticeably present.

Nowadays, it is difficult to find someone who has a moment extra for you. Besides giving professional medical advice, the extra minute or two that you may spend with a patient chatting about his family or business will prove to him that you really care about his well-being. Perhaps, a bad feature of our curriculum is that it does not give us an opportunity to learn how to cope with people. Bedside manners are united by a common professional bond in a health care team and not using it when it is needed.

Edward Everett Hale

To All Undergraduates...

All things to remember in your college days.

The value of time;
The success of perseverence;
The pleasure of working;
The dignity of simplicity;
The worth of character;
The power of kindness;
The influence of example;
The obligation of duty;
The wisdom of economy;
The virtue of patience;
The improvement of talent;
The joy of originating.

Marshall Field

What Is Graduation?

Graduation is an end,
But also a beginning... The start of all the dreams.
That every graduate is spinning.
Graduation is sighs and laughter,
Mingled literally with tears.
Linger now memories of one's sharing Life with classmates through the years.
Graduation is conclusion
Of one big phase of work and fun,
A milestone passed, new things begun.
Graduation is excitement,
Speeches, farewells and applause,
Diplomas and a master board.
The gate to pathways unexplored.

Reflections from the Editor

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HEALTH MAINTENANCE ORGANIZATIONS

Impact on Health and Health Professions

Paul L. Zoller

On February 22, 1972 the 19th Annual Stephen Wilson Seminar with its theme "Health Maintenance Organizations - Impact on Health and Health Professions", sought to propose a solution to successfully meet the challenge of the delivery crisis of the 70's.

The first speaker that morning was Mr. William McCloud, an H.E.W. administrator, who spoke about the "Context for the Development of HMO's". He emphasized the important developments in federal involvement in health care since 1960 and stressed that the federal government HMO strategy was not to build upon the strengths of the present health care system. He stated that the common goal of all health care strategy is better health care for all in the U.S. on an equitable basis. His definition of a HMO was a very flexible one encompassing prepaid group practice and prepayment as well as a standing fee-for-service concept in some instances to ensure the goal of total health care.

He indicated where the federal government stands in the organization of health care delivery, on financial assurance and on management accountability for HMO's.

The next speaker Mr. Marvin McIntyre, the director of the WSU Regional Medical Program, spoke on the "Multiple Definitions of a HMO". He stressed the need for physician control and peer review to ensure just and equitable costs in any HMO model developed.

The third speaker Dr. Caldwell B. Esselstyn, director of the Bureau of Emergency Health Services in the New York State Department of Health, spoke on "One Form of a HMO - Prepaid Group Practice". This is a non-profit prepaid, consumer sponsored, group practice plan based on capitation. This plan is not new but has been utilized by unions, group health cooperatives and the Kaiser Foundation for years.

Dr. Esselstyn emphasized that unlimited free choice on the part of a patient seeking medical care is not necessarily in the patient's best interests. This is because the patient frequently is not in the best position to choose from an "unlabeled" group practice.

Dr. Esselstyn concluded his talk for lining the appealing advantages of the prepaid group practice HMO to the medical practitioner, the patient and to the federal government. This type of HMO appeals to the medical practitioner because:

(1) It appeals to the patient because:
(1a) All services are provided under one roof.
(1b) Emergency services are insured.
(1c) It gives him some time off without loss of income.
(2) It increases the amount of equipment, facilities and the like available to him.
(3) It attracts fringe benefits.
(4) It allows him increased time for training others.

It appeals to the federal government because:

(1) Liability is predictable;
(2) An incentive is provided for the establishment of an economical drug formulary system.

Dr. Axelrod, a professor in the department of Medical Care Organizations at the U. of M. School of Public Health, followed with "Alternatives for Financing HMO's". He emphasized the necessity of getting the most Medical care possible for the taxpayer's dollar. He stated that the HMO is not a substitute for national health care insurance. He emphasized that the HMO group care may very well prove more costly in the short run because in providing the earlier detection of individual health problems that would not otherwise be detected, an increase in medical expenses would be incurred by the HMO. In other words it may take more than a year or two to prove worth a pound of care.

The social value provided by the HMO, however, would indeed make it's cost worthwhile in the long run. Dr. Axelrod went on to discuss the developmental costs in initiating an HMO which seemed to be almost astronomical and finally he covered the savings of financing HMO's.

The first afternoon speaker was Dr. Albert I. Wertheimer from the H.E.W Office of Research and Statistics Division of Health Insurance Studies. He spoke on "The Role of the Pharmacist in a HMO". Dr. Wertheimer is a pharmacist who thinks that pharmacy as it exists today is a marginal profession and that in order for a pharmacist to fit into an HMO setting as an integral part of the health care professional team, he needs to be re-educated. In order to achieve this goal the present pharmacists curriculum will have to be revised.

The final speaker of the day was Dr. M. Keith Weikel, H.E.W Director of the Division of Health Evaluation, who presented "The Evaluation of HMO's". Dr. Weikel stated that in any evaluation of a HMO one must first define the criteria used for the evaluation. He then stressed that one must acquire good pertinent data upon which decisions can be made concerning the value of an HMO in providing good health care delivery services for all citizens.

Good health care in the United States is rapidly becoming thought of as a right that all citizens should be able to expect. Hopefully the health maintenance organizations will be able to extend that right equally to all citizens by providing the solution to the health care delivery dilemma of the 70's.
GOOD LUCK GRADUATES
from the staff of
THE WAYNE PHARMIC

1972

Richard Sillitoe
23, Single
Phi Delta Chi
APhA, SAB, CHRP
VD Awareness Program
Clerkship
Community and Hospital

Maudestine Bell
Single
APhA, ASHP
Clerkship
Hospital Pharmacy

Robert W. Baran
27, Married
GDI, APHA
Community Pharmacy

Colleen Cullen
22, Single
Lambda Kappa Sigma
APhA, SAB, S-FC
CHRP
Hospital Pharmacy

Hershel B. Cohen
22, Single
GDI, APHA
Community Pharmacy

Stuart E. Bas
25, Married
Phi Delta Chi
APhA
Community Pharmacy

James W. Culver
23, Married
Phi Delta Chi
APhA, SAB
VD Awareness Program
Clerkship
Hospital Pharmacy
Your role will be an important one. You'll be their living link with the fast-paced, ever-growing, always-new world of pharmaceuticals. You'll be their man with the answers, an Upjohn representative. Physicians, pharmacists, hospital administrators... they will all know your company and its products. And respect them. They'll listen to you. They'll know that when you speak, you speak with authority based on in-depth education in your field. It's a big job. With big rewards to match right from the start.

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Waking every morning to the braying of your neighbor's donkey and the calls of his rooster instead of the metallic buzz of your trusty Westclox.

Finding — too late — that the bright red and green lines marked "highway" on your roadmap in reality meant that the "highway" is passable by a four-wheel-drive vehicle only during the dry season.

Having your gardener make a special search for the poisonous snakes in your garden because it is your turn to host the dozen or so members of the international pre-kindergarten crowd.

Finding out that not everyone in the world speaks English or French or Spanish and having to work hard at making yourself understood when all you need to know quickly is the location of the nearest bathroom, toilet, WC, "100", etc, etc, etc.

Stepping on one of the household's gecko lizards in the dark.

Sharing a bus ride through the Khyber Pass with animals and poiturry on their way to the bazaars of Kabul.

Watching the "The Green Hornet" and Donald Duck in Arabic and Peter Pan and Charlie Chaplin in Spanish.

Clambering aboard a camel and holding on for dear life as he gallops along. Hoping like hell that you won't fall off and disgrace the good old U.S.A. and yourself forever in the eyes of the local populace.

Clambering aboard a sea turtle for a quick picture as she wends her weary way along the beach in search of a good spot to lay her eggs.

Marvelling at the instinct that brings her a thousand miles each year to this particular spot of this particular beach.

People, who, despite their vast differences in color, religion, and philosophy are so very much alike — more so than governments and propagandists would like us to believe.
Greeks' Corner

Phi Delta Chi

The Alpha Eta Chapter of Phi Delta Chi Fraternity has been con- tinuing its contributions to the well-being of Pharmacy and WSU. Last November Phi Delta Chi participated in the WSU Blood Drive held on campus. Over sixty percent of the blood donors were recruited by Phi Delta Chi.

Drug Abuse also has been a topic met with great interest and enth­ usiasm given by the WSU Drug Abuse Council. This year, the Phi Delta Chi participated in the November 24th Drug Abuse Awareness Week which was held in conjunction with the WSU Sorority Council. This week was an active one for WSU.

Lambda Kappa Sigma

The Omicron Pi Chapter of Lambda Kappa Sigma has been presented in the form of pamphlets and charts. This year, a special pamphlet was an active role. All of us will graduate!

Drugs Prevention Week near we are preparing to distribute poison antidote charts to members of Wayne State University. Dennis Schneu- ler, Historian

Kappa Psi

Mu Omicron Pi Chapter of Kappa Psi Pharmaceutical Fraternity extends greetings to all members of all our pharmacy schools. During the early fall the mighty men of K.P. gathered to plan the fraternity's quin­ tercentenary anniversary. It is October the fraternity spon­ sored another of its annual ayades and "soda" bash in the selling wilderness of Lower Michigan. At the end of the Fall Quarter we held a Christmas dance at the fraternity house. The admission charge was one small toy, all of which were given in the Christ­ mas Spirit to the patients at Detroit's Children's Hospital.

During the Fall Quarter our membership list grew larger with the initiation of seven new Brothers.

During our Winter Quarter we have to curtail most of our func­ tions due to an increased academic load. With the close of the Winter Quarter, the scholars of Kappa Psi were all anxious to unwind at our regional convention which was held in Ohio.

With Poison Prevention Week near we are preparing to distribute poison antidote charts to members of Wayne State University, Dennis Schneu­ ler, Historian

Did you know that the College of Pharmacy is Shapero's Shack and that beer can be turned on in Room 100?

Would you believe that the new student lounge is something we will never see . . . that they do take attendance at Commencement Exer­ cises? You can imagine Stu Bar sitting a yellow shirt and a solid-colored tie, forgetting what invert sugar is and telling Dean Barr that not all of us will graduate?

How about Rich Balleult's buying dinner for Mrs. T? You can imagine Jim Calver getting the only "A" from Dauphinais?

You can see Herb Green wearing a beard and growing six inches . . . Barry Edwards wearing a tag . . . Richard Schiff winning the best­ dressed award?

Imagine Bob Baran not knowing what the Zimmermann Reaction is and not skipping class every other day every other week . . . Maud Bell not studying at all . . . Richard Kade being the worst note-taker in class . . . Brenda Levine doing extra coursework after regularly scheduled classes or sitting in the first row in Room 100 . . . Horace Johns being an aca­ demic prodigy . . . Norm Zuchowski getting his picture taken for the Pharmic . . . Horace, just what is the "Standing Air Column?"

Would you believe that Eugene Dillard is really "Mr. Short Wix" . . . Robert Edwards is "George" . . . Howard Hines is a "Beautiful Dreamer" . . . Walt Flesner is "Cool Hand Luka" . . . Hank Goodman is "Mr. Doug Alouse" . . . Joe McInnesky is "Tarzan" . . . Frances Zalewski is "Mama Cass" . . . John Harper is "Mr. America?"

Can you imagine what would happen if we would not let Gerald Cohen say something . . . Ralph Eustis saying "Hey, woman" . . . Phil Goldenberg saying "Hey, pal" . . .

Could you picture Tim Cohen without a nose of "No-Doo" . . . Ken Grody crying at "the goal of this dissertation" . . . Carolyn Kaczyński losing an election to the SAB?

Would you believe that Janis Hayes is not a member of Phi Delta Chi . . . Dave Jakubowski does not know every girl at Henry Ford Hospital . . . Larry Little has a low IQ . . . "Freezard" is a member of the Romanian Secret Police . . .

Abul! The hours is come!! We are finished!!!

Can You Imagine?

Dean Barr without a national health crisis.

Dr. Moore with a new hobby.

Dr. Feen wearing his over-cast again.

Dr. Ducker dropping his index cards.

Dr. Abramson being voted the worst teacher of the year.

Dr. Bailey not being our classmate.

Professor Dauphinais is really a fugitive from justice.

Dr. Biil buying a cat anti-freeze for his English racecar.

Dr. Mushey allergic to animals.

Dr. Nagwekar running out of semi-log paper.

Dr. Bailey not having our class.

Dr. Mulvey allergic to animals.

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Each of the six students working with the program takes a turn at playing the parts of a retail pharmacist and chemistry teacher. We also show the students how to make a ventriloquist jar filled with pills and capsules, hobbies found in medicine cabinets and household chemicals that are potentially dangerous to them and smaller brothers and sisters.

I have been working with this program over the past five months. I first joined the program and just started three watching the children's ad questions, fascinating. But most of all by doing this volunteer work, I feel that I am doing something to help cut the rapidly growing drug problem. Maybe out in the audience there's a child who will be saved from a life of drug abuse one day, just by remembering what we are trying to get across. I believe that the Medication Respect Program is really together and will become nationally known and used.

During the summer I worked for Dr. Harold E. Bailey, Professor of Pharmacognosy at Wayne State University. Pharmacognosy is the study of extracting drugs in their crudest form obtained from various parts of plants. leaves, stems, flowers, roots. One of the substances (drugs) which are extractable from plan t materials (Alkaloids) is really together and will become nationally known and used. A test for antibiotic properties follows the plant chromatography experiments. Only the samples that showed the bright blue spot under fluorescent light are used. The test for antibiotic properties is called the biological assay. An assay is made by making a small paper disc into the methanol-plant solution. The disc is then placed on an agar dish which contains bacteria. The bacteria are allowed to grow from 18-24 hours. If the area around the disc is clear (called the zone of inhibition) this means that the sample is antibiotic. If the area around the disc is cloudy in appearance, this means that the sample does not have antibiotic properties.

The solutions are now ready for test for alkaloids, contentment process known as plant chromatography. In plant chromatography, the alcohol plant solution is placed on a glass plate which is covered with a special white powder called silica gel. A drop of the solution is placed on the silica gel plate. The silica gel plate is placed in a glass jar containing a mixture of the alcohol, methanol and benzene. The methanol and benzene forces the drop of solution on the plate to "run" or spread upward. The silica gel plate is removed from the jar, allowed to dry, and is viewed by a fluorescent lamp. If a bright blue color is seen under fluorescent light, this means that the sample dropped on the plant contains an alkaloid. A test for antibiotic properties follows the plant chromatography experiments. Only the samples that showed the bright blue spot under fluorescent light are used.
THE PHARMACIST-MERCHANDISER
OR MEMBER OF THE HEALTH-CARE TEAM?

It is stated in the Principles of Medical Ethics of the AMA that "the pharmacist should act and should recommend the cooperation of the pharmacists in the education of the public concerning the practice of ethical and scientific pharmacy." Has this principle any real meaning to the layman? It is a means by which a profession and should recognize the cooperation of the pharmacist in the education of the public concerning the practice of ethical and scientific pharmacy.

The Practice of Pharmacy originally revolved around the functions of the pharmacist and dispensing of medications and the statistics of drug manufacturers took the responsibility of individual compounding. However, by one of the students who participated in it:

We used schools. The lab space, equipment, and a graduate student assistant for Chemistry Department at Wayne Schools. The lab space, equipment, and a graduate student assistant for Chemistry Department at Wayne Schools.

The students were very helpful to us throughout the summer project. He was very helpful to us throughout the summer project.

We must strive to improve communications with members of the medical profession, solely to institute more rational and logical treatment of patients. A pharmacist should hold the health and safety of patients to be of first consideration; he should regard the patient's full measure of his ability as an essential health practitioner.

During this past summer ten high school students worked in the Chemistry Department. During this past summer ten high school students worked in the Chemistry Department.

A recent editorial from the August 9, 1971, issue of the Journal of the American Medical Association has done much to negate our attitudes. Entitled "Drug Substitution - How To Turn Order Into Chaos," this article portrayed Pharmacists as dispensers of drugs, and not healers of the diseased increased profits. Dealing with the question of Pharmacists' ability to substitute proprietary equivalents for identical

The profession of Pharmacy is now trying to "spread its wings," so to speak. Increased needs for pharmacists-oriented professional skills has caused the Profession to finally take a stand and be allowed to exercise our best professional judgements solely in the interest of the patient and public health. A pharmacist should hold the health and safety of patients to be of first consideration; he should regard the patient's full measure of his ability as an essential health practitioner.

During the summer we also had lectures on the fruit flies, anti- bacterial action, and dissemination. Mr. Rice, a science instructor at King High School gave us all the necessary information. Mr. Rice had started this research a few years ago with a group of students at King High School. The project is the subject of the student's senior year project.

The biggest thing the summer did for us was that it showed us and helped us to know that education should be viewed as a humanizing element, rather than a way to increase one's wages. We were very proud to have had a chance to participate in this program.

Student Editorial
Henry Goodman

We, as members of the Profession of Pharmacy, attempt not to segregate ourselves in the consciousness of the community. As Pharmacists, our medical profession, solely to institute more rational and logical treatment of patients. A pharmacist should hold the health and safety of patients to be of first consideration; he should regard the patient's full measure of his ability as an essential health practitioner.

The profession of Pharmacy is now trying to "spread its wings," so to speak. Increased needs for pharmacists-oriented professional skills has caused the Profession to finally take a stand and be allowed to exercise our best professional judgements solely in the interest of the patient and public health. A pharmacist should hold the health and safety of patients to be of first consideration; he should regard the patient's full measure of his ability as an essential health practitioner.

Student Advisory Board

When I was elected to the presidency of the Student Advisory Board, one of my goals was to bring to the faculty student opinion on pertinent subjects relevant to pharmacy. Purdy due to my own inactivity and panicky nerves, I was unable to win vote. I am sure that you will not forget. I would suggest to the next president of the Student Advisory Board that he work even harder to foster student opinion.

One manner in which we have been able to reach students through the student organization. Most of you have completed these forms and have received a copy of "A Guide to the Evaluation of Your Pharmacists." We have been able to reach students through the student organization. Most of you have completed these forms and have received a copy of "A Guide to the Evaluation of Your Pharmacists."

We would like to take this advantage to wish all our graduating seniors the best of luck in their futures as pharmacists. Many of you have completed these forms and have received a copy of "A Guide to the Evaluation of Your Pharmacists."

THE GRADUATE PROGRAM
Melvin W.V. Dunker, Ph.D.

Requests for information and completed applications for the regular graduate programs leading to the M.S. and Ph.D. degrees have been coming in to the College in a steady rate which is now more rapid than usual. Many of the requests are from abroad and all admitted will not, if the present rate of growth continues, have a choice of positions for the summer. In this respect, the inquiries about the Ph.D. program are also running somewhat higher than last year. These facts suggest that there will be some increase in the number of candidates for the regular graduate program in the Fall of this year.

The Department of Chemistry, Mathematics, and Physics in association with the University, has recently established a graduate program in Medical Ethics of the AMA that is to be held this summer.

The AMA has always felt that patients want to make their opinions known to the public, but the students have not asked their opinions? Is this also the case for the student organization upon which to base our judgements as physicians, because of our Pharmacists' ability to substitute proprietary equivalents for identical

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When I was elected to the presidency of the Student Advisory Board, one of my goals was to bring to the faculty student opinion on pertinent subjects relevant to pharmacy. Purdy due to my own inactivity and panicky nerves, I was unable to win vote. I am sure that you will not forget. I would suggest to the next president of the Student Advisory Board that he work even harder to foster student opinion.

One manner in which we have been able to reach students through the student organization. Most of you have completed these forms and have received a copy of "A Guide to the Evaluation of Your Pharmacists."

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THE GRADUATE PROGRAM
Melvin W.V. Dunker, Ph.D.

Requests for information and completed applications for the regular graduate programs leading to the M.S. and Ph.D. degrees have been coming in to the College in a steady rate which is now more rapid than usual. Many of the requests are from abroad and all admitted will not, if the present rate of growth continues, have a choice of positions for the summer. In this respect, the inquiries about the Ph.D. program are also running somewhat higher than last year. These facts suggest that there will be some increase in the number of candidates for the regular graduate program in the Fall of this year.

The Department of Chemistry, Mathematics, and Physics in association with the University, has recently established a graduate program in Medical Ethics of the AMA that is to be held this summer.

The AMA has always felt that patients want to make their opinions known to the public, but the students have not asked their opinions? Is this also the case for the student organization upon which to base our judgements as physicians, because of our Pharmacists' ability to substitute proprietary equivalents for identical

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**Among whom was Locusta, the sorceress.**

Possibly the antithesis of the practice of pharmacy.

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**Wayne State University, College of Pharmacy**

**Compliments of**

**College of Pharmacy Alumni Association**

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**Contrasting the Old With the New**

Locusta - Considered the Most Famous Wholesale Poisoner of Classic Times: Tool of Desperation.

Patricia Heyczyn

Condemeded for the offense of poisoning, Locusta was saved by Agrippina, wife of Claudius, third emperor of Rome. Agrippina re-
quired the services of Locusta, who with the complicity of Seneca, effect ed the removal of Claudius. Locusta thus secured the Roman Em ipire for Agrippina's son Nero. (When asked by her astrologers that should her son be emperor, he would kill his mother, Agrippina replied, "Let him kill her as long as he is emperor").

Locusta was later employed by Nero himself to remove his most dangerous rival Britannicus, son of Claudius, and without a will pro-
claiming another successor, the legal heir to the Roman Empire. Being
delicate and less than successful, Locusta was assisted by Nero himself in the preparation and administration of the poison. She was again
tastefully rewarded for her services with estates and presents. Students were sent to her so that her art might be perpetuated.

Nero's assassination in 67 A.D. marked the end of the Julio-Claudian line of Roman emperors. A period of civil unrest ensued. Galba was
proclaimed emperor. He set about arresting and executing the chief malefactors of Nero's reign — among whom was Locusta, the sorceress.

Poisoning — possibly the antithesis of the practice of pharmacy — requires a knowledge of drugs and their effects. With the new emphasis
on the right to die and death with dignity, perhaps Locusta's art will be
perpetuated even more in our era.

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**Are You Needed Pharmacist?**

"Why do we need pharmacists?"

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"Why do we need pharmacists?"

"Why do we need pharmacists?""Almost everyone in hospitals is being checked by the patients interviewed, the nurses' questions answered, a bulletin published too.

The IV's are no longer incompatible, the solutions are crystal clear;

The doctors will get to like him as time passes slowly by,

The pharmacist is making one effort here.

After all, it's time to get moving, the pharmacist is making one effort here.

Since the times are changing and change it must,'"

The Therapeutic Committee is no longer idle and unused.

After all, it's time to get moving, the pharmacist is making one effort here.

The nurses' questions answered, a bulletin published too.

The IV's are no longer incompatible, the solutions are crystal clear;

The doctors will get to like him as time passes slowly by,

Let the medical student...
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College of Pharmacy
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