Honor Men Plant Ivy

About three weeks ago, the D. Van Nostrand Company began distribution of Organic Chemistry, a textbook written by Drs. Allan R. Day and Madeleine M. Joulie of the Chemistry Department.

By its very nature, Organic Chemistry is an innovation. It teaches the chemistry of the compounds of carbon, not by bare presentation of facts which are to be memorized, but through an integrated, systematic revealing of theory and application.

To the chemistry major and pre-medical student of bygone days, who suffered and wrestled with textual material which gave little or no insight into the basis of what was being studied, this book would have been a God-send. To students who have previously studied under the Day-Joullie duet, Organic Chemistry will look like a set of well-written lecture notes. And the reason for this is obvious. To quote from the text's preface: "This book is based on material presented at the University of Illinois in a two-semester course in undergraduate organic chemistry, having three lecture hours per week." In an interview with The Daily Pennsylvania, Dr. Day, professor of chemistry, said that his co-authored book was intended as a stepwise presentation of course material which has been tested both in the laboratory and the classroom. The attempt, he continued, was that of "finding the best understandable arrangement."

A few introductory pages of basic discussion of classification, electronic structure and bond formation of organic compounds, Organic Chemistry is written in the style of the best textbooks. To the third-year student, it is a building block. A chapter entitled "Nature of the Process"—rather, nontechnical advice—is of special interest to the student of chemistry and biochemistry. A chapter concerning organometallic compounds will be read by the metalurgist. And for the physicist, ethics in science must be an outgrowth of his interests. The 684-page text discusses methods of electron localization and provides a basis of the nature of organic compounds.

Reading references are listed at the end of each chapter in order to assist the student in his study (Continued on page 4).

PP Suggestion Box

Opened For Advice

The Pennsylvania Police have made a major move toward reducing accidents on the campus this year. The suggestion box, located along the walkway between the dormitories and the science halls, gives students a chance to express their ideas in a non-confrontational setting.

Telephone Service

For the convenience of students, telephone service has been provided in the W.P. Dickey Office of the Bell Telephone company of Pennsylvania. A representative is on call at the Pennsylvania Police Department.

To four at Univ.

Ford Foundation gives fellowships to four at Univ. for the 1960-1961 academic year. The fellowships were announced last week by the Ford Foundation.

Officer Members Elected By Honor Societies

by Harry S. Cohen

Celebrating Home Day ceremonies Friday, the junior honor men elected John C. Newcomb, president of the Priests, Warren F. McPherson, alter of the Priests, and Albert L. Deering president to Hexagon. They replace Raymond N. Schwartz, former president of Hexagon, and Sylvester Viviano, former president of the Priests.

Other officers elected by the Class of 1961 were: Michael D. Winkler, vice-president of the Priests; Francis Brady, junior officer of the Priests; and Robert R. Shapiro, junior officer of Hexagon.

Elected to the Honor Societies, the University's oldest honor society, were Jonathan B. Kottman, McNair's Norman, John Cohn, John H. Miller, Richard G. Rosen, Peter Hamblett, Edmund Ericks, George Anspach, Frank H. Matzke, Peter O'Malley, Peter Schantz, Edward S. Segal, Thomas S. Seligman, Timothy S. Stringer, Ernest Tracy, Larry Turner, John Vender Wells, and John W. Van Aller.

John Newcomb, new chief of the new chapter of Alpha Sigma Epsilon, is a member of the Houston State Student Board, and is in Phi Kappa Beta Honor Society. New elect to the Priests include: Paul W. Boyce, Robert W. Hovland, Peter J. O'Malley, Peter Schaft, Edward S. Segal, Thomas S. Seligman, Timothy S. Stringer, Ernest Tracy, Larry Turner, John Vender Wells, and John W. Van Aller.

The Hillel Journal Is Now Obtainable

The Hillel Foundation has just announced the publication of The Hillel Journal, a composite of articles, poems, and stories designed to stimulate and interest the reader in topics such as religion, history, culture, and ethics.

The material was contributed by a wide range of students, and by prominent contributors to the Jewish community. The editor of this new effort, which he hopes will be published at least annually, is Arnold Farkas, a graduate student in the department of sociology.
Penn Players Reply
Editor, The Daily Pennsylvanian:

For the better part of the last eight months, the Pennsylvania Players have been the target for a number of jokes, puns, and organizations. Although it would be unrealistic of us in the press to consider any criticism that has been aimed at us was prompted by personal objections or ambitions on the part of the critics, the fact that an answer is due, and would like to take this opportunity as well as use this space to explain to our critics, our place and most of all our function as an undergraduate dramatic organization.

As regards criticism, we can think of no better place to begin than The Daily Pennsylvanian's editorial of Wednesday, May 18. The editorial mentioned that the subcommittee on the proposed program of the Drama Guild is "composed of many members, of the Pennsylvania Players," and would "try to point out that this is incorrect." The subcommittee was composed of six members, only one of whom is a member of the Penn Players. The subcommittee is headed by Dr. Warren, Assistant Vice-President for Engineering Affairs, and includes two faculty members, a representative of the student union, as well as one representative each from the Undergraduate Council and the WIGA.

The editorial further remarks on the "Penn Players lack of desire to stage serious drama," a policy dictated by the group's administrators and not its student membership. We can probably spend the remainder of this letter in arguing the semantics of the word "serious drama," but rather let us assure you that as the elected representatives of an organization and club totaling some three hundred and seven (377), we are the ones who dictate policy on the types of drama to be done. "The administrators" could not do ideas. The "administrators" do not pick the shows. This is an arrangement in which our "administrators" have felt to be in the best interest of the many thousands who have passed through our office for the past twenty-four (24) years.

The musical plays (there have been six in as many years) have slowly become an added target for criticism. Aside from the fact that upwards of fourteen thousand (most of whom were students) have been willing to come and see these productions, and aside from the fact that every member of the student audience "enjoyed" the performance, we happen to feel that musical plays are among the most important forms of current theatre - an opinion shared by a goodly number of people throughout the nation.

Perhaps the criticism leveled at the musical plays has been due to the seemingly prevalent idea that musical plays are all "Penn Players" and that these plays are unable to attract a good audience. This is not the case and we would suggest that if any student organization has the patience to list the number of original plays, workshop sources, straight plays, etc., that we have performed in the past two years. And, indeed, if there were not an absolutely outstanding interest in musical plays you can be assured that we would not present them.

A number of our critics have found cause to complain of our use of the word "entertainment." The great Shakespearean scholar Sir Walter Scott once defined "entertainment" as "any form of theatre representative of such emotions as make up the shake plays." And there is a song from the Broadway musical Opal entitled "Let's Have Fun," where during which the solist performs a strip-tease while singing. In these two cases the former is neither limited (and pedantic), while the latter, though enjoyable to some, is, quite what we have in mind.

From the deductive to the inductive we could say that anything which the Penn Players do is entertainment. But, better yet, "entertainment" is an acute synonym for "theatrical" and "drama." The purpose of drama is to bring to life characters and situations on the stage and to arouse the emotions of the audience, whether it be laughter (through comedy), sadness (through tragedy) or thought (through intellectual simulation). Needles to say, this does not cover the range of human emotions. But we find it does define and perhaps answer other criticism as to what we mean by "entertainment."

There has been a great deal of talk by a great many people through a great many mediums that the absolute epitome of mismanagement performed by the Pennsylvania Players is not on the positive side, but rather on the negative side; that is to say, the Pennsylvania Players lack, absence, and apparent disinterest in presenting to the experimental theatre, unusual plays, off-Broadway productions, or whatever it is that is supposed to stimulate intellectual thought and education in the theatre.

We are interested in good theatre and we are the first to recognize the fact that there are a great many plays which have been done and a great many plays which, for one reason or another, have never been produced by the professional theatre. But as a great many people will tell you (and by "people" we refer to you the performers at various drama schools throughout the country) the challenge of the only place, to study, discuss and perhaps even evaluate the so-called world of experimental theatre.
New Med. Building Dedicated To Pharmacologist Richards

The new $3,165,660 medical research building was dedicated to Alfred Newton Richards, emeritus professor of pharmacology at the University, last Thursday at 4 p.m.

Dr. Richards has been associated with the University Medical School for 43 of his 76 years.

Speaking at the dedication ceremony, Dr. Richard E. Wex, of the Rockefeller Institute, said, "For all of these achievements, and because he is a man we shall not forget - for his work at the University of Pennsylvania was a fitting tribute to Alfred Newton Richards."

Dr. Richards has effectively served the nation with his specialized knowledge in both war and peace. He was a major in the Chemical Warfare Service, which was a vital tool for the development of chemical weapons, and worked with the Harry H. Dale at the National Institute of Medical Research in London during World War I.

In the second World War, Dr. Richards was one of the "Big Six" in America's scientific high command.

A graduate of Yale, he received his Ph.D. degree from Columbia and holds a number of honorary degrees from colleges and universities in the United States and abroad.

The prominent scientist began his career at the University in 1911, at the age of 34, and rose to the presidency of the Vietnam Band for Medical Affairs in 1939 and remained in that capacity until 1946.

As chairman of the Committee on Medical Research of the Office of Scientific Research and Development, Dr. Richards helped take part in all phases of the limited scale of hospital experimentation.

Within a period of three years, his organization of research in the use of penicillin, sulfa drugs and plasma changed the whole practice of medicine. Improved methods of blood transfusion and more effective ways of controlling infections diseases won the eminent professor the Medal of Merit awarded by President Truman in 1946.

In pharmacological research, Dr. Richards has worked in many fields, especially in the action of chlordane and histamine and pioneering research on kidney function.

ALFRED N. RICHARDS
Emeritus Professor

New Medical Research Building Designed For Maximum Flexibility

The Alfred Newton Richards Medical Research Building of the University of Pennsylvania School of Medicine might be called the building that helped itself to be built.

Architect Louis I. Kahn designed the building for maximum flexibility. It consists of four major towers—three towers comprise the laboratory, or "experimental" area, and the fourth in the service tower, housing such things as storerooms, central stairway, animal quarters and storage areas.

As the central tower is of a more conventional design, and did not lend itself to precast construction, it was built first. While it was going up, precast concrete structural members were being built elsewhere. When the time came to assemble the "studio" towers, workers were able to use the service tower as scaffolding, supply area and construction utility area.

Architect Kahn saw this as illustrative of the convenience and flexibility of the building design. The scientist, he said, will make the same use of the central tower as did the construction crew. For the creative part of their work they will be able to concentrate in their studios, away from the distractions of outside influences created by service and utility activities.

The laboratory towers each contain seven levels, of 40-foot square studios. From two sides of the towers extend smaller towers for stairway access and cross, and air exhausts. The front tower has two exhaust structures.

The air was taken in and exhausted from the Alfred Newton Richards Medical Research Building never moves. Four thin, tall towers adjacent to the service tower act as "mussles," inhaling air from the University's Botanical Gardens, at the rear of the building. Air circulates throughout the building, and from each studio, is expelled and out. In this way the experiments of one studio do not contaminate the air of another.

The building will be the largest link in a series of structures to be constructed along Hamilton Walk, on the University of Pennsylvania campus connecting physically the School of Medicine and the Division of Biology. A second building designed by Louis Kahn will also be part of the medical research building in the near future.
**Quakers Face St. Joe In Final Home Game**

by Marvin S. Levine

When the Penn varsity baseball team takes to the field this afternoon it will be facing an opponent that has been in the same conference for the past four years. Freshmen will be playing for their first season. Coach Jack McDole has announced that the team will consist of a 13-member squad, Powell who played a critical role in the team's success.

**Lacrosse Mentor Accepts Challenge; Proves Successful**

by Stephen A. Hurwitz

After 22 successful years of coaching lacrosse at Swarthmore College, Avery Blake decided to take over the role of Penn mentor in 1928. During his stay with the Quakers, coach Blake worked tirelessly to develop the team and make it successful, all the while maintaining a level of physical excellence that would make him a model for his students. He showed that the game could be played so poorly.

He stated, "I won't be around in the coaching business for another 40 years, and I think this is a wonderful opportunity to test my coaching ability and that it was worth a try."

Blake, a former lacrosse player himself, was brought to Swarthmore College in 1924 by the head coach, who was looking for a new mentor who could raise the team's standards. Blake accepted the challenge and felt it was a wonderful opportunity to test his coaching abilities and to show that it was worth a try.

The rules of the game were being made to fit the new star, and the lacrosse team was starting to take shape. The new star was raising the stakes in the game, the Quaker team was gaining in confidence and loyalty, and Blake was raised in the heart of the country. In 1924 and 1928, Blake coached the team to victory in the championship, and in 1926, his team's performance was so strong that it earned a trip to the national title.

Blake conceded that he had enjoyed his time at Penn, Princeton, Harvard, and the University of Virginia. He also enjoyed the challenge of coaching at the highest level and was able to pass on his knowledge and experience to the players. His coaching philosophy was centered on the idea that the team should work together and support each other, and this approach led to many victories for the team.

**Psychology Dept. Uses Game Theory**

by Elliott Sager

While psychology majors generally haven't reported any problems with pickpockets around campus, they are coming out of the psychology classroom with a new, ground-floor view of College Hall. They have been discussing the concept of cooperativeness and count their chances very carefully. They have just completed a half hour of playing the card trick. Not only did they not cheat, they didn't know the trick. They were simply following the rules of the game.

The psychological experiment was conducted by Dr. Stephen A. Hurwitz. The participants were divided into two teams and given a certain number of cards. They were then told that they could not look at the cards in the other team's hand. The goal was to complete a sequence of the experiment. It was designed to test the players' cooperation, which is a complex process involving the cooperation of the members of the teams. However, the goal of the experiment was not to win the game but to learn from the experience and apply it to real-life situations.

The tests have been completed this year and will be given again next year. They are designed to test the cooperation and coordination of the college students at this time. The purpose of the experiment is to help students learn how to cooperate with others to maximize gains, others to break-down barriers, and others to reap the benefits of cooperation. The mathematics of game theory and group decision-making is an important topic, and it is not just for the students who are taking the course.

**Lettcrs (Continued)***

*More than two hundred yar ds, Benjamin Franklin Jr. from the University of the Old Line. Philadelphia College of Medicine. In the course of the 21st year, he did not notice that the river was rising. It levelled the city and flooded the streets.*

*The Pennsylvania newspapers have not noticed that the river was rising. We are proud of our record—a 100% success rate—so far, thanks to the efforts of our dedicated staff. If you have any questions, please feel free to contact us for more information.*

*Board your nose into the DP Classified*
Jobs, Salaries, And Wages
Look Good For Class Of '60

by Stephen A. Friedman

"Anyone who has a definite career choice can get a job," a Department of Labor spokesman reports in a recent edition of Newseum.

With salary offers for graduating seniors now averaging $1,000 a month in comparison with last year's $847, the 80,000 June graduates will find that on a place-ment director at N. W. U. said. "More companies want to hire more men at more money than ever before." American firms are searching for 10 per cent more graduates this year than last.

Newseum reports that the nation's 76,000 graduating science majors, including engineers, chemists, physicists and mathematicians, will draw the largest beginning salaries and are the most eagerly sought after. The Labor Department has stated that, "If an engineer can walk, he can get $7,000 a year." And, the United States seems to be headed for an even greater shortage of engineers.

September 1958 engineering fresh- men were 11.1 per cent less than the year before and 100 engineering freshmen were 3.5 per cent less than in 1956.

General Electric claims that it needs 26 per cent more technical graduates this year than last. The Du Pont Corporation states that it alone could employ most of the

New Eng. Students
Protest Dr.'s Jailing
On May 14, sponsored by members of their respective faculties, students from over twenty New England colleges marched on Con- necticut's N. H. in protest to the im- prisonment of Dr. Wilford Upham. Jailed for refusing the sum of suspected subversives who seek- ed a summer camp to be spon- sored, Dr. Upham's case has touched off a storm of controversy throughout the country. Many newspapermen and religious groups have come out strongly against the New Hampshire Supreme Court which upheld the prison sentence.

Among the colleges from which students participated are Dart- mund, Harvard, Smith, Mount Holyoke, Amherst, Yale, Radcliffe, Brandeis, Northeastern, Southern, Sun- ton, and the University of Massa- chusetts, New Hampshire and Vermont.

NOTICES

CAMPUSS TRUST—Geneviève Nei- le, Halloween Hall, 7 p.m.

CAMPUS COUNCIL—Electric students—President, Russell G. Kelly; vuc President, Richard C. Langer; re- gistrar, Patricia S. Green.

PLR—Staff members are instructed to sell our monthly today and tomorrow.

THE KAPPA BETA—Kappa beeta meet- ing is at 2 p.m. in Mark and Jane Thompson's Apartment in compari- son for all members.

"STEVENVSON FOR PRESIDENT"—Protests are available at Hound Hall information desk.

XWPS—Important business stuff meeting at 1 p.m.

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The Daily Pennsylvanian
Monday, May 23, 1960
Page Five

Do You Think for Yourself?
(PUT THIS QUIZ IN YOUR THINK-TANK AND SEE WHAT DEVELOPS)

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Chemistry Dept. Develops With New Text

(Continued from page one)

"To introduce the student to the chemical literature and to encourage him to do some reading of source material." Self-teaching sections have also been constructed "to test the students' knowledge of general principles and to stimulate them to think for themselves.

Organic Chemistry is abundantly interspersed with diagrams and structural representations of reactions. Because of this and the well-ordered construction, the text will be a necessity, it would seem, to students taking Chemistry I (Organic Chemistry) next semester.

By having a text which follows the lecture material as very closely, Dr. Day and Dr. Jossieil will have an easier time in teaching their course. The textbook will be the student's reference book and book of examples, leaving the professors more lecture time to discuss basic theory.

The preparation of the text took place during the spare-time hours of Drs. Day and Jossieil over the past two years. A special note of congratulations should be extended to them as the common practice of textbook authors is to take a year's leave of absence from their teaching duties in order to focus their complete attention on writing. Beginning is the spring of 1964. Dr. Day and Dr. Jossieil began writing under their normal work load of lecturing and research.

Dr. Day has been teaching at the University since 1938. He graduated from Bluffton College (Ohio), and received his M.S. and Ph.D. in chemistry from the University. Writing technical material is certainly not new to Dr. Day. In 1966, "Electronic Mechanisms of Organic Reactions," written by the good doctor, was published. He is also the author of many research papers which have appeared in the journals of the American Chemical Society, of Organic Chemistry, and of Physical Chemistry.

Dr. Jossieil, assistant professor of chemistry and more affectionately known as "famous Pete" of the Chemistry Department, began teaching here in 1964. Born in Paris, she is a graduate of Simmons College in Boston, and received her M.S. and Ph.D. from the University. She has published numerous research papers in her field.

In recent years, the authors have been engaged in research conducted in conjunction with the University Medical School, the Biology Department and the Chemistry Department's own cancer research project.

Day-Jossieil research projects are now enlarged mainly in the areas of electronic mechanisms, antimetabolites (used in cancer-fighting experiments) and the chemistry of heterocyclic compounds.

The author-astronomists have given great thought to their presentation as educators to instill in each student a quest for learning. The courses they teach are not easily mastered and require a considerable amount of a student's mental machinery. An inspired teacher is the goal of their teaching.

Organic Chemistry is much more than a textbook. It is the result of much thought, discussion, experiment and classroom presentation. It is a symbol of perseverance.

The publication of Organic Chemistry is the culmination of the hard work and diligence of the two truly outstanding people who wrote it. It is a credit to the organic chemistry division and the University as a whole.

Students in Chemistry 15, the introductory organic chemistry laboratory, perform their experiments under close supervision of instructors who are engaged in teaching them the applications of the theory propounded in Organic Chemistry.

 Classified Ads

SUMMER RENTAL—FULLY FURNISHED apartment with 2 bedrooms, living room, kitchen, bath, 2nd floor. Near Wanamaker, Fairmount Park, and Center City. Call 4-7433. (Joseph Dunkel, 5235 McFadden St.)

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FOXTAIL HOMESTAY CHURY 1228 FISA ST. SHELTER or help for elderly. 1 bed, 900. Call 6-8171.

RUBBER STUDY COLLINS 1224 Potomac Ave. 2447, 4-5398.

SALE—WINTER FURS.
Ski jackets, ski parkas, outer furs, Made in France. 724 Fishtown Rd. 4-6733.

Looking for housekeeper. Must have experience. Call 3-5662.

SUMMER ROOM—ONSEM.
Cosmetology, secretarial art, 6-26. 1 hour free. Afford. 7-9; 1 pm. 5-5.

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Cosmetology, secretarial art, 6-26. 1 hour free. Afford. 7-9; 1 pm. 5-5.

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