

Chemistry Dept. Develops

by **Georgianna Dachs**

The hall, rooms and chemical "perfumes" have remained the same in the chemistry department for nearly fifteen to twenty years — nothing has changed or at least that is what we are given to believe.

Yet, the chemistry department at Canisius College is a bevy of growing expectations — new courses are being offered in chemistry and students are given the chance to work with visiting chemists and receive on-the-job training.

Some of these changes have already taken place; others are only in the process due to various new programs funded by the federal government and by local industry. All these new incentives and data relating to the programs were enthusiastically explained by Dr. Joseph F. Bieron, professor of chemistry here.

Dr. Bieron stated that these grants enable students who are chemistry majors to work in industry and allow them to work in the summer receiving stipends for this assistance. A ten-week program was just completed this summer by a number of the students.

The overall umbrella for this project is the "Chemistry and Industry Program," a federally funded program that is at the undergraduate level. This program provides educational opportunities related to the chemical industry.

The student has the opportunity to work outside in industry, thereby enabling him to understand not only the scientific view exposed to him in the classroom but also to see its application. The chemistry industry has always been of great importance in the

Western New York area but a great change has taken place in the last five years; here at Canisius for instance, evening classes are now offered to students who would like to major in chemistry.

The professors in the chemistry department receive various grants as well. Dr. Frank J. Dinan, now on sabbatical, Dr. Richard E. Stanton, and Dr. James E. Van Verth have received grants from the Petroleum Research Foundation. Dr. Phillip D. Heffley, Dr. James A. Leone, and Dr. Joseph F. Bieron are presently working on a two-year grant from the "Chemistry and Industry Program."

Many of the research projects that are being developed are overlapping, showing how much chemistry is a part of our lives. This year, the students who are doing research under the \$75,000 "Chemistry and Industry Program", a federal research grant, are: Thomas Kufel, working in cooperation with Hooker Chemical Company, is seeing that our drinking water remains at a safe level; Peter Palmer, is also on a project that leads to purer drinking water.

John Aker and Jeffrey Strinig are doing research on the much read-about level of PCB (polychlorinated biphenyls).

Diane Balcerzak is researching the application of extending the shelf life of resins. Testing a new peroxide in the production of plastic film and plastic containers is James Biegajski.

Deanne Robinson worked this summer doing preliminary cancer research; this project was started several years ago by Dr. Dinan. Joanne Huber and Patricia

Mischler are researching ways to slow down the process of aging. Daniel Reinhardt is continuing research begun by Dr. Dinan — that of a synthetic substitute that if the body will accept it, would inhibit the growth of cancer cells.

FUT FR

FRIDAY, SEPTEMBER

8:30 a.m.-12:30 p.m. — C.C. CH
1:30-3:00 p.m. — C.O.P.E. Aw
2:30-5:00 p.m. — CPB Mini Qu

SUNDAY, SEPTEMBER

11:30 a.m. — Loyola Guild Ma
12:30 p.m. — Loyola Guild Bru
5:30 p.m. — Phi Gamma Nu M
8:00 p.m. — AKY Meeting-FD

MONDAY, SEPTEMBER

5:30 p.m. — Alumni Exec
Scholarship Recipients-S
6:00 p.m. — Little Theatre Pra
8:00 p.m. — Dickens Fellowsh

TUESDAY, SEPTEMBER

12:00 p.m. — Principals & C
Dinner-SCL, SCA, SCC
2:00 p.m. — United Way Meet
2:30-4:30 p.m. — Accounting D
6:00 p.m. — American Chemi

WEDNESDAY, SEPT

3:00-7:00 p.m. — Encore Club
6:30 p.m. — Big Band Practio

THURSDAY, SEPT

5:00 p.m. — Campus Ministry
8:00 p.m. — Afro-Amer. Socie