

# REVIEW OF SCIENCES

## Chemistry

By ROBERT H. SCHULER

The Canisius College Student Affiliate Chapter of the American Chemical Society has become very active in holding bi-weekly meetings. Among other activities, movies and papers on various topics of Chemistry are presented to the group. Mr. Bruno Zwolinski, who is now studying at Princeton for his doctorate, Mr. Robert Schuler, and Mr. John Woodward have recently given such talks. Today at 1:15 movies on plastics will be presented, to which an invitation to attend is extended to all students.

### Graduate Students

The group of graduate students that are engaged in work for their thesis have coordinated their efforts and very valuable information on the chemistry of titanium is expected to be accumulated.

### Publications

A paper by Father Lourdu Yeddanapalli, S.J. and Mr. Clarence Schubert, S.J., has appeared in the January issue of the "Journal of Chemical Physics". This paper is on the kinetics of the decomposition of aluminum trimethyl. Father Yeddanapalli studied in his native

India and in Europe and then obtained his doctor's degree from Princeton University. He was professor of physical chemistry at Canisius from 1943 to 1945 and has since returned to India. Mr. Schubert intends to continue further research on the study of the reactions of this compound and on that of a new compound that was discovered during their work.

## Physics

By ELIGIUS J. WOLICKE

Looking at the large number of students enrolled here now, as compared with the wartime student body which at one time numbered but little more than a hundred, we are reminded of the changes which the school has had to undergo during the last few years. In particular the Physics Dept. has had to make tremendous adjustments to the varying demands.

### 24 Instructors

At the height of the war the large number of Air Force Cadets enrolled, raised the number of Physics personnel to an all-time high of twenty-four. The equipment in the department then was insufficient to meet the needs, and new equipment had to be acquired. Some of it was built here at the

school while other apparatus was purchased. At that time there were approximately seventy to eighty students in the laboratories every day and this continuous use of laboratories and equipment was equivalent to ten years' ordinary use.

### Three Students

When the cadets were recalled all that remained was a small civilian student body and when deferments for college students were cancelled, that student body became still smaller. As a result the Physics staff had to be reduced and the laboratories were only in use about eight or ten hours a week. The number of upperclassmen majoring in Physics during one period dropped to three.

### Record Enrollment

Now with the number of students enrolled already much greater than it was a few months ago, and with promise of many more in July, the Physics Dept. will again have to adjust itself to the increase of students taking Physics. It is hoped that in the very near future new teachers may be acquired, but because of the great demand for physicists at the present time, it is difficult to find competent instructors. It is consoling to note that this expansion promises to be more permanent than the previous influx of Air Cadets.