

Graduate Students Tackle Chemical Research Problems

Two articles, the fourth and fifth in a series describing the work done in the Canisius College Chemistry Laboratories by Louis A. Rampino and James Lander in partial fulfillment of the requirements for the degree of Master of Science in Chemistry, appeared in the December, 1939, issue of the *Journal of the American Chemical Society*. The series describes the results of a study of the critical increment of ionic reactions. Mr. Rampino previously had read a paper describing the work before a meeting of the American Chemical Society at Baltimore. He is now the holder of a fellowship in chemistry at Fordham University and Mr. Lander has a similar fellowship at Cornell University.

Similar work is being done at the present time in the College Laboratories. Some of this work might be described as purely academic in char-

acter, while some has more immediate practical application.

Studies Temperature Effect

For instance, Roger J. Sommer, a graduate of Alfred University is studying the effect of temperature on the reduction of nitro-benzene to phenylhydroxylamine. Miss Norma Stiglemeier has set out to determine the relative efficiency of sodium, potassium and ammonium thiocyanates in the Volhard determination of the halogens. Michael Dubenitz, Edward J. Lang and Albert W. Riester are investigating the effect of light on the bromination of cinnamic acid and its derivatives under varying conditions.

William J. Floriano is studying the Reimer-Tiemann reaction for the

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