

PROGRAM OF THE SECTION ON CHEMISTRY AND
BACTERIOLOGY

L. B. HOWELL, Chairman

1. The adsorption of diphtheria toxin and toxoid on colloidal gels. F. A. Miller, Thomas DeVries, and Mary A. Miller, Eli Lilly & Co. and Purdue University.
2. The action of sodium formaldehyde sulphonylate in experimental pneumococcus infection. H. M. Powell and W. A. Jamieson, Lilly Research Laboratories.
3. Purification of suspensions of the virus of vaccinia. C. A. Behrens and F. A. Nielsen, Purdue University.
4. Fostering the spirit of inquiry in the college of liberal arts. William M. Blanchard, DePauw University.
5. Catalytic oxidation of carbon. Don Martin and Jesse E. Day, Manchester College and Ohio State University.
6. Ester formation processes with boron fluoride and some structural relationships. S. Geraldine Toole, F. J. Sowa, and J. A. Nieuwland, University of Notre Dame.
7. Determination of organic sulphur by liquid ammonia-sodium method. V. Arcadi, F. J. Sowa, and J. A. Nieuwland, University of Notre Dame.
8. Indiana group in American Men of Science. R. H. Carr, Purdue University.
9. A hymolal salt test for potassium. E. A. Wildman, Earlham College.
10. A periodic table for laboratory display. Louis Agassiz Test, Purdue University.
11. Syntheses in the biphenyl series. D. D. Hartley and R. E. Lyons, Indiana University.
12. Catalytic oxidation of the carbohydrates and related compounds by oxygen in the presence of iron pyrophosphates. IV. Methyl alcohol, formaldehyde, formic acid, sodium formate, ethyl alcohol, acetaldehyde, acetic acid, sodium acetate, glycol, glycollic acid, sodium glycollate, oxalic acid, and sodium oxalate. Ed. F. Degering, Purdue University.
13. Undergraduate organic laboratory chemistry. III. D. Inexpensive experiments. Ed. F. Degering, Purdue University.
14. The analysis of solutions containing small amounts of formic and acetic acids. Fred O. Gibson and W. E. Bradt, State College of Washington.
15. Selenium derivatives of salicylic acid. R. E. Nelson and G. S. Boase, Purdue University.
16. Acyl derivatives of ortho-aminophenol. C. E. Sparks and R. E. Nelson, Purdue University.
17. Relative activity coefficients of bismuth chloride in hydrochloric acid solutions. Thomas DeVries and E. M. Hattox, Purdue University.
18. The synthesis of alkyl acetylenes from calcium acetylide. Thomas H. Vaughn and James P. Danehy, University of Notre Dame.

Papers 4, 9, and 10 were illustrated with exhibits.