

ABSTRACT

Erlin Muliawati D.A, 2016 **Improved Learning Outcomes Using Learning Model *Discovery Learning* In Biology Concepts Scope**. Thesis Department of Biology. Faculty of Teacher Training and Education. Pasundan University Bandung (UNPAS). Under the guidance of: Dra. Hj. Lilis Suhaerah, Kes. and Dr. Hj. Mia Nurkanti M.Kes.

*This research aims to develop a learning model *Discovery Learning* in improving student learning outcomes in learning more about *Scope Biological Sciences*. The method used is *quasy experiment*, with designs *Nonequivalent Control Group Design* for the design of this experimental class group or the control group was not chosen randomly. The research subject is class X IPA 2 as classes and class X IPS Experiment 1 as the control class academic year 2016/2017. Instruments used in the form of multiple choice test of 30 questions using ANATES, of 30 questions taken 15 questions that meet the test criteria following instruments acquired 30% easy, 20% foolproof, and 50% moderate. Results obtained in the form of tests (Cognitive). Data on average pretest score in the experimental class at 46.00 and the average data value of pretest on control class is 40.00. As for the average value of posttest in the experimental class at 63.90 as well as the control class is 48.83. With the increase (Gain with an average of 70% means that there is a learning outcome as it provides learning model *Discovery Learning*).*

Keywords: *Discovery Learning, Nonequivalent Control Group Design, Learning Outcomes, Scope Biology*