

VARAPORN MEKAVIBUL : THE STATUS AND NEEDS OF COMPUTER USE IN HEALTH SCIENCES LIBRARIES. THESIS ADVISOR : ACHARN BOONRUANG NIAMHOM, THESIS CO-ADVISOR : ASSIST. PROF.CHONTICHAA SUTHINIRUNKUL 210 PP.

The objectives of this research are: to study the status of computer usage in health sciences libraries; to study the needs of implementing computers in health sciences libraries; to study and to compare factors in decision making of computer usage in the libraries between health sciences administrators and librarians; to study and to compare factors in decision making of computer usage between the libraries using computers and those planning to use computers; to study and to compare types of library works between the libraries using computers and those planning to use computers; and to study and to compare computer systems and programs between the libraries using computers and those planning to use computers.

The population of this research are composed of 37 library administrators and 33 librarians who work in 11 libraries using computers and 22 libraries planning to use computers. Results from this research are:- Factors in decision making of computer usage between the administrators and the librarians are not different. One factor among 15 factors is significantly different at the level of $P < 0.05$. Factors in decision making of computer usage between the libraries using computers and those planning to use computers are not different. Two factors among 15 factors are significantly different at the level of $P < 0.05$. Types of library works between the libraries using computers and those planning to use computers are different. Computer systems and programs between the libraries using computers and those planning to use computers are not different.