humanistic care, which are: taking the elderly as the core principle, ease of use principle, suitability principle, man-machine suitability principle, innovation principle and environmental safety principle. Apply the barrier free design method of household products for the elderly to the design practice.

Conclusions: The research process of this subject introduces the theory of design psychology into the design works of barrier free household products for the elderly, breaking the boundaries of the discipline. Reexamine the concept of barrier free design, obtain a reasonable size range through anthropometry related knowledge and statistical analysis of a large number of data, so as to provide basis for follow-up in-depth research. This subject is an application subject involving many disciplines and fields. It enriches the design ideas and methods of products used by the elderly. If we continue to study on the basis of this subject, we believe that its results are of great value to the design of household products for the elderly in China.

**Acknowledgements:** The Scientific Breeding Program of Anyang Institute of Technology in 2020: WCAG2.1 and Mathematica-based research in accessible design for colorvison (Project Number: YPY2020018).

\* \* \* \* \*

## ON THE REFORM OF LOGISTIC MANAGEMENT MODE IN COLLEGES AND UNIVERSITIES UNDER THE BACKGROUND OF LOGISTIC THINKING OBSTACLE

#### Jianhui Chen

Logistics and Asset Management Division, Suzhou Vocational Institute of Industrial Technology, Suzhou 215104, China

Background: In the development of college education, logistics management is a vital part of college management. Colleges and universities, as the base of education in our country, are responsible for the education of students and the cultivation of talents. As a management department of the living, studying and experimental environment for teachers and students, the quality of logistic service directly affects the teaching environment and guarantees the development and reform of college teaching. In the logistic management of colleges and universities, logistic support services include a wide range of contents, such as basic support services such as water supply, power supply and environmental sanitation; teaching services such as laboratory instruments and teaching studios; and living services such as catering, medical treatment and accommodation for students. Compared with many foreign universities, the logistic management in our country is complicated and extensive, the work content is scattered and changeable, and it involves some social service functions, so the work is difficult. Although with the development of social economy and education, the logistic work of colleges and universities has been gradually improved, and some standardized and institutionalized logistic management mechanism has been established to guarantee the logistic service level of colleges and universities. However, from the position of colleges and universities in the field of education, the current logistics management model cannot provide effective services for the development of colleges and universities. In other words, the university's rear service work is in the university construction work quite painstakingly quite tired work. Therefore, if the logistics want to continue to develop, we need to combine the logistics management with social development, optimize the management model to improve the quality of logistics services. Therefore, the logistic management of colleges and universities needs to optimize the information technology, management idea and method of logistic management based on the particularity of late service. Therefore, in the digital logistics management, we can closely collect social service data and standards, effectively grasp the quality-of-service needs of teachers and students, and can combine the service evaluation of teachers and students, and constantly improve logistics services. In the traditional logistic management, logistic management is defined as low technical content, manual labor, only need to work seriously, do not need to spend mental energy to complete the logistic management. However, under the influence of the digital revolution, the logistic management equipment tends to be intellectualized and automatic, and the related logistic management concepts must be updated to improve the quality of logistic management. Therefore, the traditional management cannot meet the needs of intelligent management, and it needs advanced management concepts and methods to provide support and guarantee for the management. Therefore, the logistic administrators of colleges and universities should pay attention to enhance their own thinking logic and management quality, and strengthen the knowledge cultivation of digital and intelligent service. In the management mode, the traditional manual management is changed into intelligent and systematic management, the management content is more scientific and comprehensive, and the management mode is also automatic.

**Objective:** Digital service mode has penetrated into all aspects of the society, and this service mode has penetrated into the rear management of colleges and universities, promoting the reform and development. At the same time, as a logistic worker, the long and complicated work brings pressure to his life, so it arouses the workers' desire for reform, and also drives the logistic management service reform. Therefore, the digitalization and intellectualization of logistic service facilities in colleges and universities are closely related to the social development, and the traditional working methods have been impacted. This requires logics of logistic staff must be careful, and should strengthen logistic staff information technology and ability, strengthen staff equipment operation training, so that staff can master the operation of intelligent equipment, enhance the application value of logistics equipment.

**Subjects and methods:** A total of 200 logistic workers were randomly selected and investigated by questionnaire. Based on the thinking logic obstacle, this paper focuses on three aspects: strengthening the information technology and ability of logistic management personnel, strengthening the equipment operation training of personnel and enabling personnel to master the operation method of intelligent equipment. This paper investigates the influence of logistic management mode reform in colleges and universities under the background of logical thinking barrier. A total of 200 questionnaires were distributed, 186 questionnaires were retrieved and 182 were valid.

**Methods:** The influence of logistic management mode reform in colleges and universities under the background of logistic thinking obstacle by using excel form statistics.

**Results:** The results of this survey use 0 to 4 levels to quantify the influence values of specific factors. 0 means irrelevant, 1 means slight influence, 2 means general influence, 3 means obvious influence, and 4 means full influence. The obtained statistical table is shown in Table 1.

**Table 1.** Influence of logistic management mode reform in colleges and universities under the background of logistic thinking disorder

Factor	Strengthen technical	Enhance equipment	Familiar with equipment
	capacity	operation training	operation method
Logistic staff	4	4	4

Conclusions: In a word, the logical thinking obstacle has great influence on the logistic management of colleges and universities. No matter the management idea, management mode or management method, great reform and innovation have taken place. At the same time, it not only optimizes the content of logistic management, improves the level of logistic service, but also enhances the ability of logistic service, provides a good logistic basis for higher education, and further realizes the development of management quality of higher education by applying logistic affairs interactive management system, logistic service system and internal management system of internal organization.

### \* \* \* \* \*

# COUNTERMEASURES FOR TRAINING NORMAL STUDENTS' PROFESSIONAL PRACTICAL ABILITY BASED ON MODERN COGNITIVE PSYCHOLOGY

### Yueguang Gong

Teaching Affires Office, Hainan Normal University, Haikou 571158, China

Background: In recent years, the lack of practical ability of new teachers in primary and secondary schools has attracted more and more attention. A survey shows that the problems of new teachers trained in normal universities are mainly manifested in: weak practical consciousness and poor ability in education and teaching professional skills. Basic skills are not solid; Insufficient organization and guidance ability. Lack of normal basic training in subject teaching and educational research. Therefore, strengthening the cultivation of normal students' practical ability has become an urgent problem to be solved in normal universities. Here, from the perspective of modern cognitive psychology and Anderson's point of view on knowledge classification and learning, we try to make some rational reflections on the essence, learning process and training mode of normal students' professional practical ability, and put forward some feasible suggestions on the construction of training mode of normal students' professional practical ability.

**Objective:** Professional practice ability is an important part of normal students' professional ability and the basis for normal students to become a qualified teacher. Normal colleges and universities should strengthen the cultivation of normal students' professional practice ability and promote the teachers' professional development of normal students.

Subjects and methods: First, the formation of professional practical ability is driven by motivation or