

Training Creative Talents for Graduate Students of the Agriculture Information Field in China

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Abstract: There are subjective, formal, indexing issues for training creative talents of the agriculture information graduate students in Local colleges and universities. Local colleges and universities need to establish the status and core function of training graduate student creative talents, establish the relationships of researches and educations, social services and culture processes. Secondly, Local colleges and universities need to guarantee investments for training graduate students, and establish a scientific and reasonable evaluation system. Thirdly, Local colleges and universities need to lead tutors to guide graduate student training processes and improve the quality of graduate student education to serve the community, so this can mutually promote graduate student trainings and scientific researches. In a word, Local colleges and universities should improve innovative the training system, the model and the evaluation criteria for training high-quality creative talents for the agriculture information graduate students.

Keywords: Local Colleges and University; Agriculture Information Field; Graduate Student; Creative Talent

INTRODUCTION

Currently, our goals are to identify possible impacts of the information society on sustainable development in agriculture. Some new and important problems are continuously challenging the agriculture field. Information and Communication Technologies are regarded as major methods for more efficient agriculture.

Moreover, we focus on a broad range of agricultural information technology issues for illustrating key factors in the agriculture information field, which should determine the future sustainability development degree. Current agriculture issues related to sustainable information development and their interactions.

Challenges and Opportunities of Agriculture and Information and Communication Technologies

Agriculture continuously faces some new challenges and opportunities in current information era. For example, the globalization of food markets, the productivity and competitiveness, climate change etc. Obviously, effective agriculture running are regarded as a vital role for maintaining economic and social stability and providing the sustainable development environment.

Information and Communication Technologies can decrease consumer prices, support farmers to increase their production. As results, Information and Communication Technologies can contribute to more efficient and sustainable agriculture.

Integrative Method for Sustainable Agricultural Developments

The major phenomena factors are relevant to the relationship between agriculture and information technologies, which are translated into an integrative method for sustainable agricultural developments by combining agriculture and information and Communication Technologies.

Economically sustainable development depends on abilities to employ new technical skills such as applications of information technologies in an economic environment, which requires us to continually invest and expand for retaining their competitiveness. We regard the sustainable developments as a remarkable potential to broaden the space for agricultural developments. Basically, the issue is the kind of value structures that can present the information society thinking.

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TASKS OF THE AGRICULTURE INFORMATION FIELD OF LOCAL COLLEGES AND UNIVERSITIES

The economy and information technology are sustain and rapid developing and these cause the desire for graduate student creative talents. Local colleges and universities should cultivate a large number of innovative talents with high quality for the agriculture information graduate students. Moreover, we also need to improve educations for graduate students.

In recent years, local colleges and universities attach great importance to information on cultivation of graduate creative talent. However, Local colleges and universities are not enough on graduate student educations of creative talents, and no lead tutor to present their scientific research works in the training process.

Local colleges and universities are utilitarianism. There are a lot of mistakes to train innovative talents for current information graduate students of the agriculture information field in local colleges and universities [Song Shi, *et al*, 2015, Feng Guo, *et al*, 2014, Hong-bin Qiu, 2013].

Local colleges and universities and tutors are lack of scientific understandings for training innovative talents, and they superficial attention to cultivation of innovative talents. The valuation system is difficult to adapt cultivation of innovation talents [Kong Fanmin *et al*, 2006; Sheng Qiaoya, 2004; Shi Qingping, 2003; Zhang Hongxi, 2009].

TRAINING CREATIVE TALENTS

Several Elements of Creative Talents

Graduate student creative talents consist of several elements in the agriculture information field shown as the followings: reasonable knowledge structure, strong independent innovation ability, practice ability, innovative ability, sense of competition and competitiveness.

Innovation personnel training must adhere to the sustainable development of graduate student. Creativity becomes the core quality of graduate creative talent.

We adhere to the graduate student of comprehensive sustainable development. We will graduate creative talents for the agriculture information high quality talents with firm and active thinking, practice and strong, great development potential.

Teaching Reforms

Teaching reforms are the focus of training reforms for graduate student innovative talents with high quality in the agriculture information field.

Teaching embodies the concept of education. Innovation personnel training depend on the implementation of creative education. Cultivate talent

for innovation must establish a new curriculum system, which meet the graduate student all-round development, promote graduate student creativity [Hui-qiang Li, *et al*, 2011, Jin-ping Wei, 2008,]. Course system is the foundation of innovative talent training mode reform.

Tutors need to guide graduate students, use the training model by combining classroom teaching and research projects, and actively carry out academic discussions, scientific experiment and social practice for strengthening the training of innovation ability.

We must adhere to the practical test standards. Scientific evaluation system pays attention to direction of creative talents. Evaluation can be found of the cultivation of graduate students creative to provide a basis and help for training innovation.

Local colleges and universities must establish status for training innovative talents, and clear the core function for training creative talents. Moreover, Local colleges and universities establish relationships between scientific research and training processing, social services and training processing.

Promoting Graduate Student Educations and Tutors' Scientific Researches

Tutors' scientific researches should improve the training quality of graduate student. Local colleges and universities should input of graduate students.

Local colleges and universities create the kind of relationship to set up a scientific and rational evaluation system in the specific processing. This can lead tutors into graduate student training process, and mutually promote graduate student educations and scientific researches.

Role of Local colleges and universities need to establish and change running thinking. In addition, Local colleges and universities must have a greater degree of autonomy, as well as the market competition mechanism, for paying attention to graduate student education.

ANANAZLIZE

Some results [Liu Zhanwen, 2013; Song Shi *et al*, 2015] show that lack of adequate abilities to provide jobs for graduate students in agriculture, lack of educations of graduate students are the most important barriers to employment agriculture graduate students.

As a result, local colleges and universities need to enhance entrepreneurship in the agricultural higher education. We will reduce several factors such as unsuitable training methods, unsuitable content and educational planning, poor communication, lack of training agriculture courses, poor instructional programs. Some researches show some obstacles such as structural, infrastructure, education, incentives and motivation factors.

Some results [Chang-lin, *et al*, 2011; Deng Chunyan 2005; Hu Guoliu, 2012] indicate that local

colleges and universities need to enhance the selecting and training methods, content and educational planning for graduate students in the agriculture information field. Moreover, local colleges and universities need to obtain an agricultural higher education system to train graduate students. The local colleges and universities need to complete dynamic interactions with and agriculture market needs.

CONCLUSION

We present some step to train creative talents for graduate students in the agriculture information field. In a word, local colleges and universities should improve the mode of innovative personnel training system, and evaluation criteria to train innovative talents with high quality for the agriculture information graduate student .

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