

**Internship at MissouriUniversity  
(7 - 19.11.2016 y.)**



Missouri State University is located in Springfield, which is located in southwest of Missouri. The Missouri State University was founded in 1906 as a first public college and received university status in 1972.

During our visiting we studied the structure of courses, syllabus, teaching methods. The university professors have prepared the lectures for us on their research activities.

There are two study options of Biology Masters: Traditional and Intensive Masters. Traditional Masters Education is 2 years and Intensive Masters Education is 1.5 years. Main research areas in biology are the behavior of animals, water biology, cell biology, immunology, microbiology, physiology, systematics, wildlife protection. The program of each candidate is formed by the Committee on the Admission in the students' interview passing and it should include at least 32 credits. The minimum score GRE should be 3.25 on biology for candidates.

There are 6 farms at the university for bachelors and masters where they have practice and prepare materials for dissertation. The main farming activity is beef cattle breeding with year-round pasture management system. Main breeding species in the region are Hereford, Aberdeen Angus and their hybrids. Only coarse and concentrated feed are prepared for animal feeding. The system of course roughage conservation is the use of plastic bags. In this case the airing, grass heating are eliminated thus mowing remains virtually fresh.



The focused areas are viticulture and greenhouse crops in the plant science .



To carry out research work at the university, there are specialized laboratories, besides the university has six farms where scientists together with the students can develop their research work.

The faculty of the Agriculture Department conducts research in the area of crop and livestock production in the following areas;

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In the field of viticulture :

1. Wine trade (Chin-FengHwangPh.D).



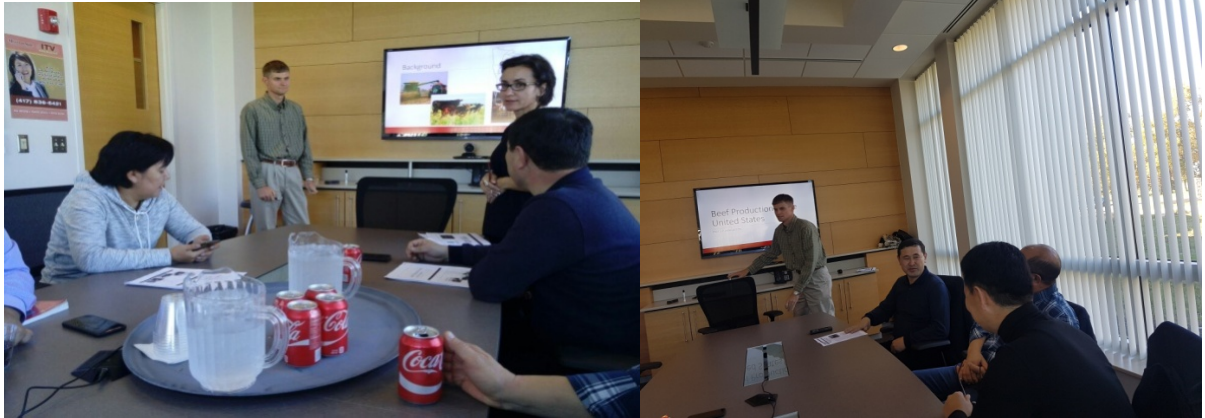
University has a vineyard, grape processing plant, a laboratory to assess the quality of grapes for research activities

1. Forage production (MichaelE.Klem. Jr)



The main directions of fodder productionisto studythe plant diseases and the impact on the productivity of the basic forage crops;

## 2. Beefcattlebreeding of the USA, Fattening Cattle (PhillipLancaster; Ph.D)



Only three professors can conduct training the doctors at Ph. D. in the direction of agriculture at the university. Research laboratories were organized by professors to conduct research studies in the university.

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Most studies are fundamental, with the release of DNA and genotyping.

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Funding for these research studies is done by government programs. The bulk of the money is for organization of the laboratory and research performers` salary. The undergraduates and masters are involved in this direction. Graduate students involved in the research projects report the results of their research at the weekly seminars. The faculty, masters and bachelors of other areas can also participate there.

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