

Statistical Education through Japanese  
Inter-university Network for Statistical Education  
(JINSE)  
(日本における大学間連携による統計教育について)

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## Project proposal to ministry of education

- At the end of April 2012, Ministry of Education, Culture, Sports, Science & Technology announced a new funding program for joint projects among universities for reforming Japanese university education.
- Project proposals have to reflect needs from the society and general public.
- Project proposals also need to implement some quality assurance program.
- One category for proposal was joint projects for specific fields, such as statistics
- 5 year support. About 700,000 US dollars funding per project each year

## Project proposal to ministry of education

- The funding program seemed very attractive to statistics.
- Statistics is of course very much needed in society.
- However there is no statistics department in Japanese universities.
- This kind of joint university project is very much needed for improving statistics education in Japan.
- For quality assurance, we can use Japan Statistical Society certificates (JSS exam), which was started two years ago.
- We also have strong supports from industrial organizations.
- The deadline for proposals was the end of June. We only had two months to put together a proposal.

## Formation and structure of JINSE

- The result of selection was announced at the beginning of September.
- Our proposal was accepted!
- In our proposal we proposed to form “Japanese Inter-university Network for Statistical Education” (JINSE)
- We formed JINSE at the end of September, when we could start using the fund from the ministry.

The structure of JINSE is described as follows.

JINSE = 8 Universities + 6 Academic Societies + Related Organizations  
= Steering committee + 3 committees + 8 Universities

- 8 universities:

University of Tokyo, Osaka University,  
The Graduate University for Advanced Studies,  
Aoyama Gakuin University (Head of the partnership),  
Tama University, Rikkyo University,  
Waseda University, Doshisha University

# Academic Societies

- 6 academic societies
  - Japanese Society of Applied Statistics,
  - Japanese Society of Computational Statistics,
  - The Biometric Society of Japan,
  - The Behaviormetric Society of Japan,
  - The Japan Statistical Society,
  - Japanese Classification Society

## Related Organizations

- 8 related organizations:
  - National Center for University Entrance Examinations
  - The Institute of Actuaries of Japan
  - Union of Japanese Scientists and Engineers
  - The Bank of Japan
  - Keidanren
  - Japan Pharmaceutical Manufacturers Association
  - Japan Statistical Association
  - Japan Marketing Research Association



## Structure of JINSE

- The broad cooperation among universities, academic societies and related organizations is perhaps the unique feature of JINSE.
- The related organizations advise what kind of statistical skills are needed in industry and government and the academic societies control the quality of the curriculum.
- JINSE also utilizes the examination by Japan Statistical Society to measure the actual improvement of statistical education.
- JINSE has an international advisory board whose members have been leaders in promoting statistical education.
- Through the board and other means, JINSE wants to cooperate with similar organizations in other countries.

## Future plans

- During the five-year support period, JINSE will develop standard curriculum and learning contents.
- After the program by the ministry ends, we will open JINSE and its contents to all universities in Japan.
- We also will start some accreditation system for university statistics courses.

# 統計教育高度化質保証 PDCA サイクル

