



Project on the Evaluation of Chinese Doctoral Education

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Development of Higher Education in China

- **1949 Total enrollment: 120,000**
- **1966 Total enrolment: 600,000**
- **1978 Total enrolment: 800,000**
- **2008 Total enrolment: 27,000,000**
 - **Degree system started in 1981**
- **2008, Graduate students: 128,000,000**
- **PhD: 240,000**



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Main achievements of degree and graduate education in China



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- Annul report of the State council of 2008、2009

The Mission of Higher Education:

- 1. Quality Insurance
- 2. Move forward building higher level universities.



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- **PhD granted universities 260**
“211 Project”、 “985 project”, “Post-graduate Study Abroad Scholarship program”
- **Master degree granted universities 490**
- **“Excellence in Disciplines ”**
- **Undergraduate institutions: 701所**
???
- **Vocational / Technical institutions: 1091**
“100 Institutions of Excellence Project”
- **Total 1792**



Upgrade the quality of graduate education

- **Current situation**
- **Reform on training model**
- **Readjust the Master degree programs**
- **Quality control**
- **Decentralize approval responsibility**





Procedures of conducting the project

- **Aug. 07: overall structure of the project determined**
- **Sept. 07: start project, distribute questionnaires**
- **《Document on conducting the project of “Evaluation of the quality of doctoral education nationally” jointly issued by ADCSC, MOE and MOP**
- **《Document on conducting the evaluation on the performance of doctoral degree holders 》 issued by MOP**
- **Oct.-Nov. 07: institutional self-assessment, in-site interviews**
- **Dec. 07: collect questionnaires, data collection and analysis**
- **Jan. 08: Outline of general report determined, start writing final report**



Special features of the project

- **Involve Education institutions and personal departments**
- **Great importance attached by institutions**
- **All doctoral education providers participated, large number of samples**
- **Stress on seeking truth from facts**
- **Draw great social attention**





Questionnaires were sent to:

Over 300 doctoral degree providers

Over 200 government departments and organizations

Over 100 enterprises

By 31, Dec. 07:

- 289 institutional reports
- 20666 questionnaires from doctoral students
- 9928 questionnaires from supervisors
- 2633 questionnaires from doctoral program administrators
- 31251 questionnaires on performance of doctoral degree holders



Interviews:

Institution: 30 “211” and “985” universities and research institutes in Beijing, Shanghai, Hangzhou, Xian and Wuhan

Interviewee : 400 Institutional administrators, deans of graduate schools, supervisors, faculty with doctoral degrees, doctoral graduates in all fields





Social attention

**Coverage by “people.com”, “Sina.com”, “Sohu.com”,
China Education Daily, China Youth Daily and other media.**

By 5 Jan. 2008

**1,310,000 news were found matching “evaluation on
doctoral education” by Google.com**



Key elements of the quality of doctoral education

- **Research capability**
- **Innovative ability**
- **Fundamental knowledge**
- **Quality of doctoral thesis**
- **Organizational ability**
- **Social responsibility**





Academic contribution of doctoral students

■ Evaluation on published papers by fields of study

Humanities, History, Philosophy, Liberal arts, Economics,
Law, Management, Science and Engineering。

■ Level of participation of research projects

eg. General projects of National Natural Science Foundation



Comparison of the quality of doctoral thesis

Sample selection: Institutions select certain proportion of
doctoral thesis

■ Vertical: at least one sample thesis every 3 years

■ Lateral : Select samples from overseas institutions at the
same standard, in similar fields

■ Criteria: Topic, outline of references, Innovativeness,
fundamental knowledge, ability of independent research





Elements affect the quality of doctoral education

- **Supervision**
- **Academic environment**
- **Quality of research in the field**
- **Administration**
- **Financial assistance**
- **Research condition**



Evaluation on the curriculum

- **Comments on the quantity of lessons, range of programs and its prospective by doctoral students, supervisors and administrators**





Evaluation on the influence by supervisors

- **Morality**
- **Academic attitude**
- **Research capability**
- **Academic interests**
- **Knowledge**



Study on the performance of doctoral degree holders

■ questionnaires were sent to all doctoral education providers and Personnel Departments in Beijing, Shanghai, Tianjin, Chongqing, Liaoning, Jilin, Heilongjiang, Inner-Mongolia, Shaanxi, Sichuan, Guangxi, Guangdong, Zhejiang, Jiangsu, Shandong and Hebei

■ 35, 626 received:

31251 doctoral degree holders

2993 administrators

576 institutions





Academic contribution of doctoral degree holders

■ Institutional self assessment:

Assessment on the satisfaction of the performance and academic contribution of doctoral degree holders

■ Achievements

Research projects, publication, academic awards

