A STEP TOWARD A WORLD-CLASS RESEARCH UNIVERSITY: SEOUL NATIONAL UNIVERSITY (SNU)

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Content

- Global Ranking of South KOREA
- Government support: BK 21 and SNU “select and concentration”
- SNU’s position in Global HE ranking
- How far to go to establishing a world-class university
- Remarks & Conclusions
Global Ranking of South KOREA
Global Ranking of South Korea

- Among 55 Countries
  - Educational competition, 7th
  - National competition, 26th
  - Technology competition, 6th
  - Science competition, 7th

- Population 48 million

- A middle income country but GDP growing 8% last 5 years - average
What is a world-class research University

- **Origin:** describe athletes capable of performing at an international level
  - Standard of excellence in a wide variety of categories
  - "top-ranked", "elite", "leading", "world-renown"

- Most prestigious of the world-renowned among academic institutions internationally
Research university
(common elements in the definitions)

- To create and disseminate knowledge in a range of disciplines and fields
- To feature the appropriate laboratories, libraries, and other infrastructure
- To permit teaching and research at the highest possible level (first & second mission)
- To allow high level 3rd mission activities
Do we need to establish a world-class research university?

- Direct access to quality resources which can have a strong impact on global society
- Fostering global leaders and global talent
- Generate knowledge and record achievements
- Policymakers, Stakeholders, Academic leaders want to know
  - where they stand
  - where to find the best minds
  - where are the best working conditions
  - where are the most innovative ideas
Government support: BK 21 and SNU
“select and concentration”
What is the BK 21 Project

In 1990, the Korean MoE introduced its “5 Year Education Development Plan for Establishing an Innovative Knowledge Based Nation” with the aim of structural reform, fostering research universities, and characterizing universities in terms of strengths of disciplines.
BK21: What are the aims

- Reforming higher education system through
  - Selection
  - Concentration
- Fostering global talents through establishing research universities nationally and internationally
BK 21 contribution for research universities in Korea

- Supporting graduate student researchers, post doctorates, contract faculties
- Promoting articles
- Results:
  - Korean national ranking placed 13th in 2004 from 18th in 1999 in SCI
  - SNU placed 31st in 2004 from 93rd in 1999
  - 10 times higher SCI articles published by professors who participated in BK 21
SNU- Vision

- Fostering future talents
- Securing World-class level of education and research
- Enhancing internationalization system
- Contributing to society and world
- Securing university autonomy and operation system
## SNU-faculty and students (2007)

Resource: [http://www.snu.ac.kr](http://www.snu.ac.kr)

<table>
<thead>
<tr>
<th>Faculty</th>
<th>BK professors</th>
<th>Part time lecturers</th>
<th>Foreign faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,753</td>
<td>65</td>
<td>1,863</td>
<td>67</td>
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</table>

- **B.A. (14,647)**
- **Graduate students (9,194)**
- **Foreign degree students (1,129)**
- **Exchange students (1,044)**
### How far to go to a world-class university, SNU

<table>
<thead>
<tr>
<th>World Rank</th>
<th>Institution</th>
<th>Region</th>
<th>Score on Alumni</th>
<th>Score on Award</th>
<th>Score on HiCi</th>
<th>Score on N&amp;S</th>
<th>Score on SCI</th>
<th>Score on Size</th>
<th>Total Score</th>
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Conclusion

- Participation in the global community of world-class universities as a competitive partner requires an enormous determination, tremendous effort, and variety of resources
- SNU shows how important government support is in the journey to becoming a world-class research university.
- Middle income and developing countries need to seriously choose and make strategic plans which can produce innovation in research areas.
Thank you for your attention

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