

THE DEMAND FOR NEW KNOWLEDGE & INTERDISCIPLINARY EDUCATION AT YONSEI UNIVERSITY



President Kap-Young Jeong
October 30, 2014

SOUTH KOREA, 1950-Today

Seoul 2014



President Park Geun-hye's

“Creative Economy”



Interdisciplinary approach



Convergence & Integration



Creativity

Yonsei University

Founded in 1885 by Christian missionaries, Yonsei's mission is to foster leaders who will contribute to humanity in the spirit of "truth and freedom"



81-90th University in the World

2014 Times Higher Education World Reputation Rankings

16th University in Asia

2014 QS Asian University Rankings

No. 1 University in Korea

2012 JoongAng Daily National University Rankings

World's Top 20 Private Universities



* According to 2014 Times Higher Education World Reputation Rankings

Communication

Creativity

4Cs

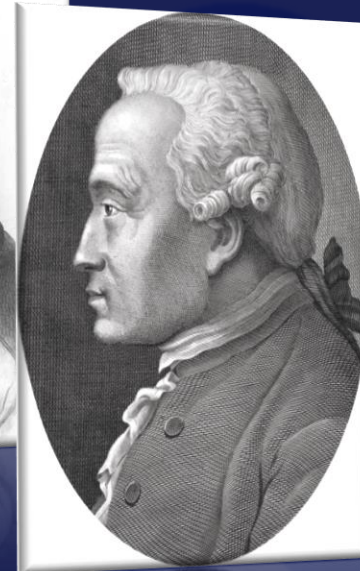
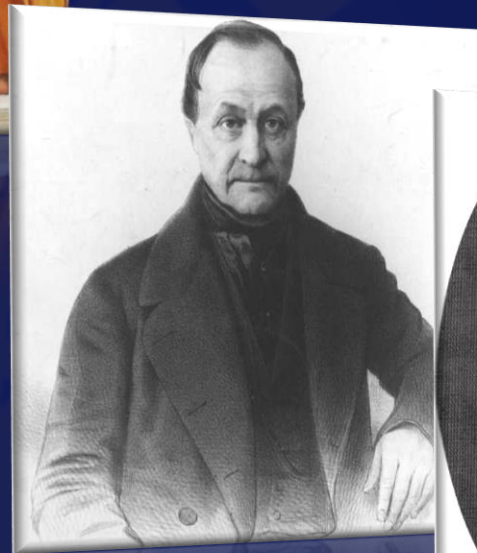
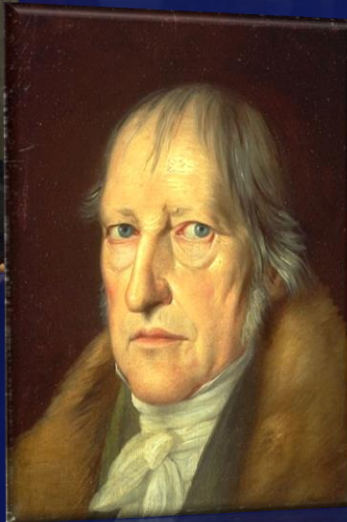
Convergence

Cultural
Diversity

unified science

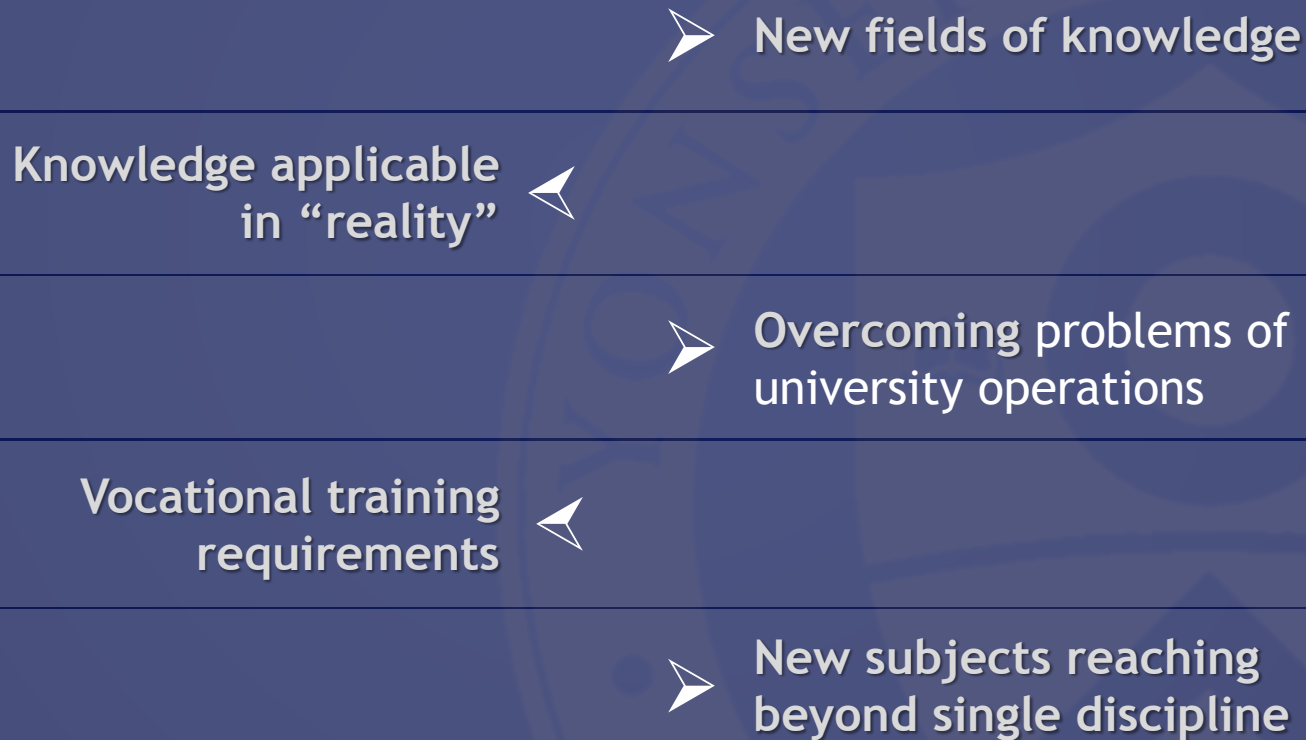
Philosophy

unity of knowledge



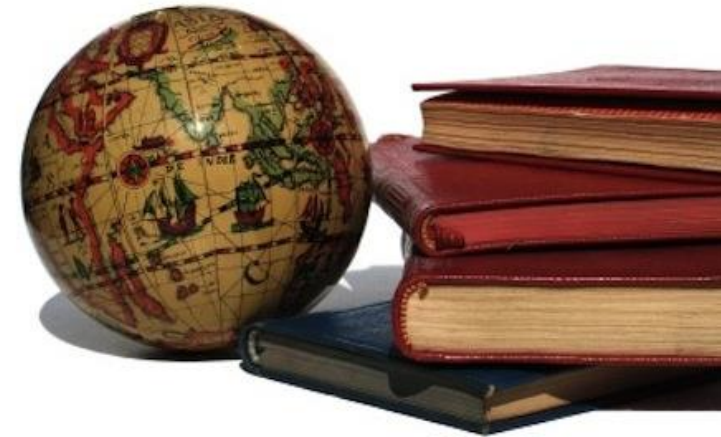
synthesizing knowledge

5 FACTORS IN THE RISE OF INTERDISCIPLINARITY



Liberal Arts Education

- Promotes interdisciplinarity
- Promotes critical thinking
- Emphasizes tools over content
- Deemphasizing majors or fields of study



**Students are more likely to engage in diversity-related activities
and have better understanding of people from diverse backgrounds**

7 OUTCOMES OF LIBERAL ARTS EDUCATION

Integration
of
learning

Inclination
to inquire
&
Lifelong
learning

Effective
reasoning
&
Problem
solving

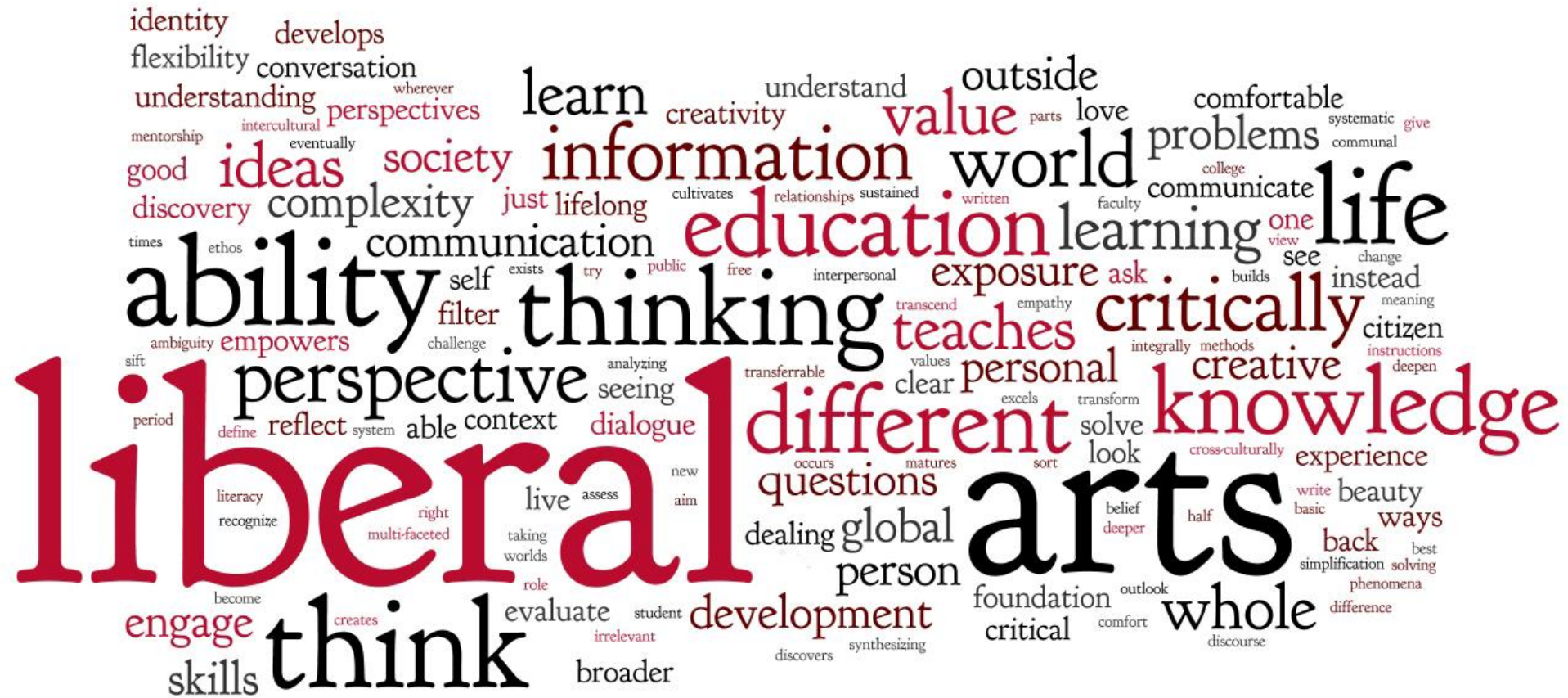
Moral
character

Inter-
cultural
effective-
ness

Leadership

Well-being

Liberal Arts Education



Present 2014



International organizations in Songdo



**GREEN
CLIMATE
FUND**



UNOSD



UNCITRAL



**United Nations
ESCAP**



**United Nations
ESCAP**

UN APCICT



UNISDR

The United Nations Office for Disaster Risk Reduction

Development of Yonsei International Campus



2006 Ocean → Land claimed

2014 Campus

1885

Residential College

- Holistic, full-time education which integrates living and learning
- New paradigm of higher education in Korea



Holistic Education

- Giving back to community
- Mentoring programs
- Service leadership



Underwood International College

- English-language, liberal arts institution
- Provides premium, Ivy League-caliber education
- Encourages vibrant intellectual exchange through its interdisciplinary majors
- 3 Fields
 - ① Underwood
 - ② Humanities, Arts & Social Sciences
 - ③ Integrated Science & Engineering



Underwood International College

3 Fields, 5 Divisions, 16 Majors

Underwood Field

Underwood Division

- Comparative Literature and Culture
- Economics
- International Studies
- Political Science and International Relations
- Life Science and Biotechnology

Humanities, Arts & Social Sciences (HASS) Field

Asian Studies Division

- Asian Studies

Techno-Art Division

- Information & Interaction Design
- Creative Technology Management
- Culture & Design Management

Integrated Social Sciences Division

- Justice & Civil Leadership
- Quantitative Risk Management
- Science, Technology & Policy
- Sustainable Development & Cooperation

Integrated Science & Engineering Field

Integrated Science & Engineering Division

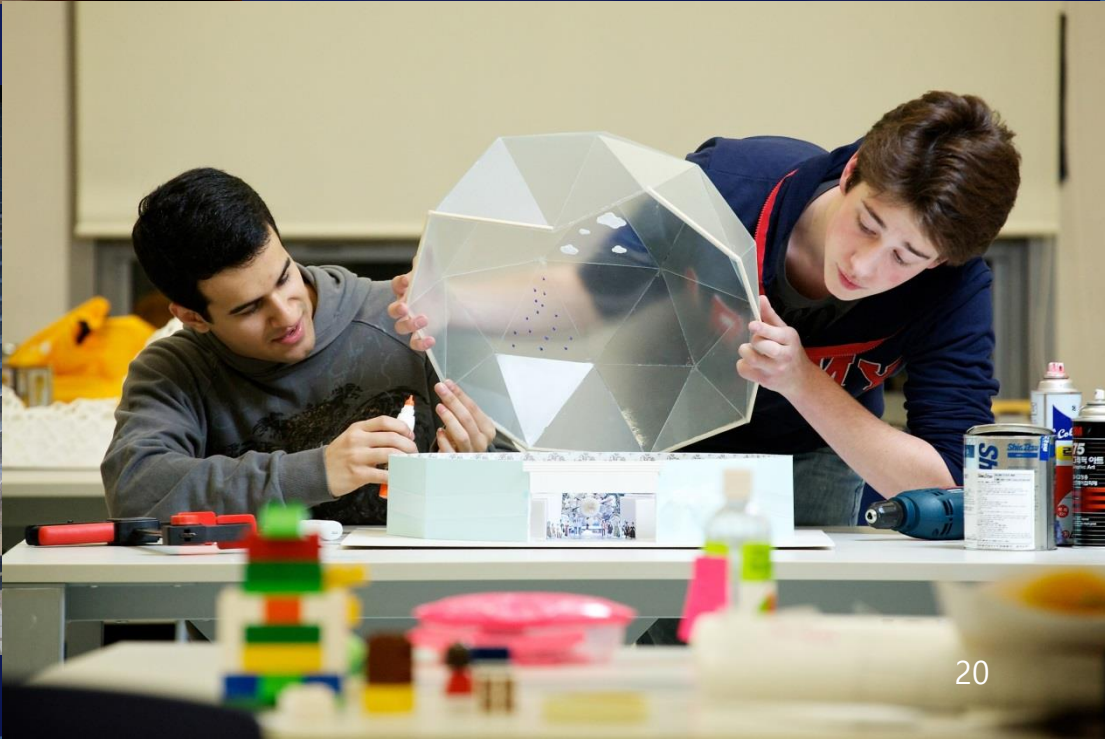
- Bio-Convergence
- Energy & Environmental Science & Engineering
- Nano Science & Engineering

Underwood International College



More than 350 students from 50 countries

As of September 2014



Yonsei Institute of Convergence Technology & School of Integrated Technology

Yonsei Institute of Convergence Technology

Computation & Communications
Seamless Transportation
Smart Living
Medical Systems

School of Integrated Technology

IT
Nano/Bio
Energy
Environment

Research and Education Institutions



Industry & Government

SAMSUNG



ICONS: Institute of Convergence Science



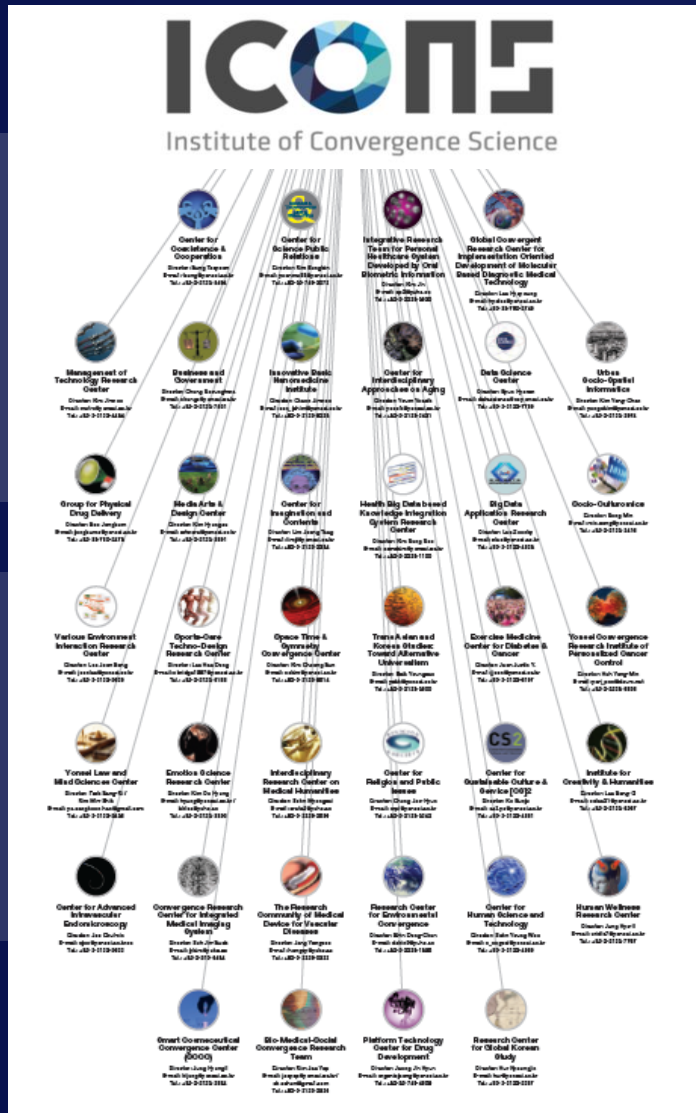
50 Centers in four campuses

3 Values

- Excellence
- Autonomy
- Open-mindedness

3 Goals

- Leading Global Convergence Research
- Hub of Yonsei Convergence Research
- Creating New Knowledge and Value



Multi-campus System



Sinchon Campus



International Campus



Wonju Campus



Yonsei University Health System ²³

Administrative Convergence

INFORMATION & RESOURCE SHARING



MOBILITY



COLLABORATION



STRENGTHENING NETWORKS

Employers on the liberal arts

Employers are in agreement with a broad set of college learning goals.

Strongly agree with this statement about the aims of college learning Somewhat agree

All students should have educational experiences that teach them how to solve problems with people whose views are different from their own



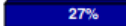
All students should learn about ethical issues and public debates important in their field



All students should have with others to solve prob



All should take courses t ment to communities, en



All students should acqu liberal arts and sciences



All should learn about so U.S. and global issues an



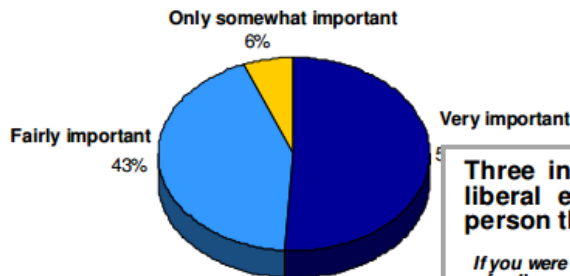
93%

capacity to think critically and communicate clearly is more important than undergraduate major

Employers endorse the concept of a liberal education.

How important is it for today's colleges to provide this type of education?

"This approach to a college education provides both broad knowledge in a variety of areas of study and knowledge in a specific major or field of interest. It also helps students develop a sense of social responsibility, as well as intellectual and practical skills that span all areas of study, such as communication, analytical, and problem-solving skills, and a demonstrated ability to apply knowledge and skills in real-world settings."



75%

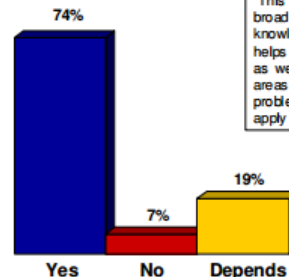
higher education should place more emphasis on these skills

80%

all college students should acquire broad knowledge in the liberal arts and sciences

Three in four would recommend the concept of a liberal education to their own child or a young person they know.

If you were advising your child or a young person you know about the type of college education they should seek to achieve in order to achieve professional and career success in today's global economy, would you recommend they pursue an education like the one described below?



"This approach to a college education provides both broad knowledge in a variety of areas of study and knowledge in a specific major or field of interest. It also helps students develop a sense of social responsibility, as well as intellectual and practical skills that span all areas of study, such as communication, analytical, and problem-solving skills, and a demonstrated ability to apply knowledge and skills in real-world settings."

New discoveries

Access

Ubiquitous

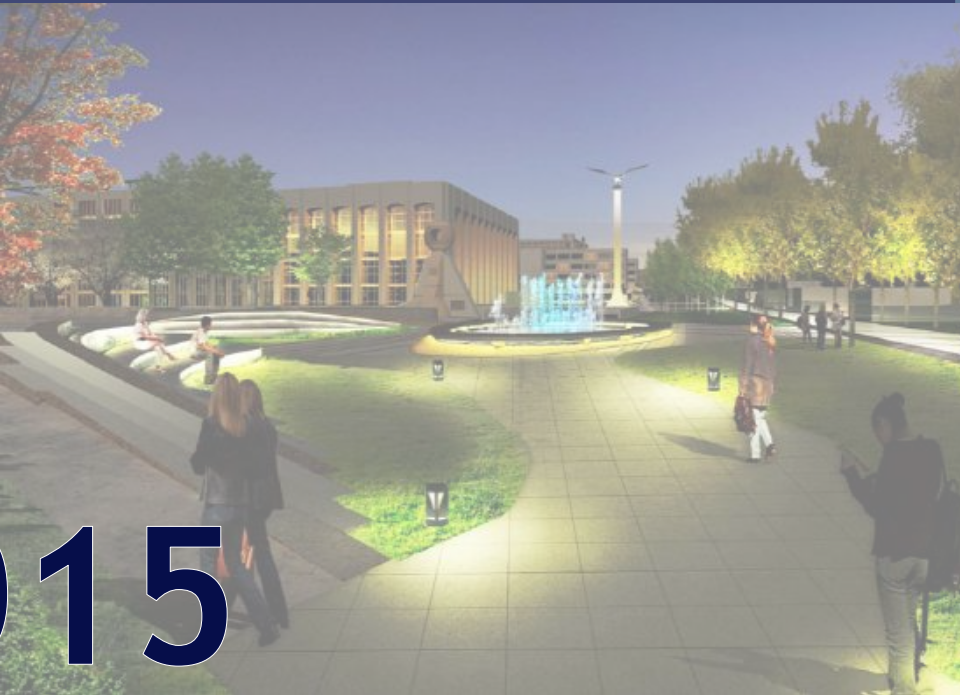
Creating knowledge

Information sharing

Visual

Interactive





2015

**YONSEI's
130th ANNIVERSARY**



YONSEI,
where we make *history*





Microsoft Research Asia

**FACULTY
SUMMIT**

2014 October 30-31
Beijing, China

Thanks