Universities for the Digital Age: The SUNY Korea Example

Cheongna

Yeongjong

Yeongjong

Incheon International Airport

Yeongyu

Songdo

Muui

Seoul Capital Area

IFEZ

Korea harnessed the digital revolution

GNI per capita, atlas method, US$

Source: World Bank
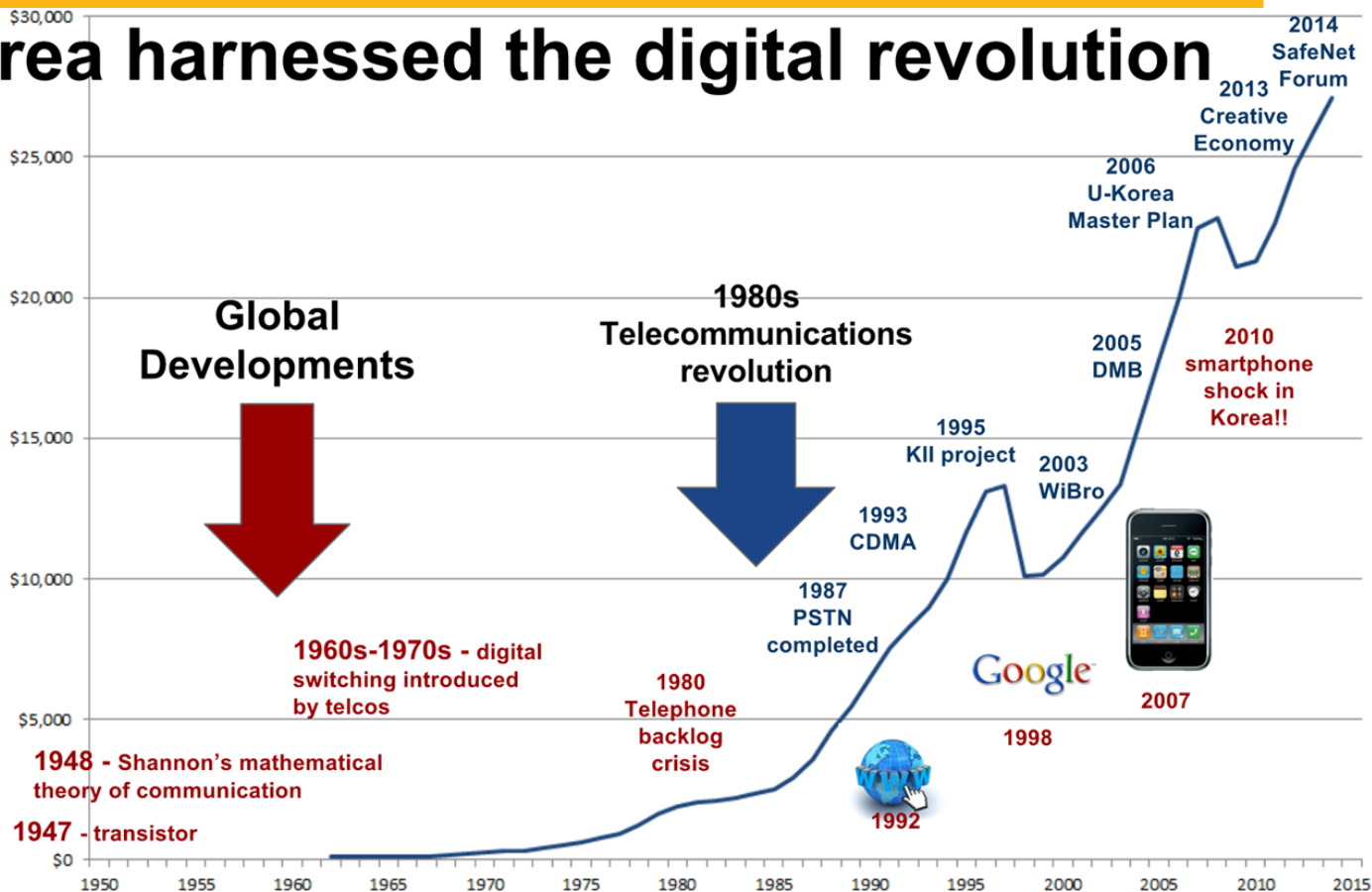
Global Developments

1980s Telecommunications revolution

2014 SafeNet Forum

2013 Creative Economy

2006 U-Korea Master Plan

2005 DMB

2010 smartphone shock in Korea!!

1995 KII project

2003 WiBro

1993 CDMA

1987 PSTN completed

1960s-1970s - digital switching introduced by telcos

1980 Telephone backlog crisis

1948 - Shannon's mathematical theory of communication

1947 - transistor

1992

1998

Google

2007

Funded entirely by Korea. No US$ invested by SUNY institutions.

SUNY Korea

George Mason Univ.

MASON Korea

Ghent University

GHENT UNIVERSITY GLOBAL CAMPUS

The University of Utah

THE UNIVERSITY OF UTAH ASIA CAMPUS

FIT · SUNY Korea FIT

#n · + 10 University Host Plans in total

Government subsidy (construction, operation)

Local government subsidy (construction, operation)

Support finance & operation

Central gov.

MOTIE

ifez

Incheon city (IFEZ)

IGC INCHEON GLOBAL CAMPUS

IGCF

Global Campus

Incheon Global Campus, 2017

SUNY Korea
The State University of New York
한국뉴욕주립대학교

Stony Brook University

- Applied Mathematics and Statistics
- Business management
- Computer Science
- Mechanical Engineering
- Technology and Society

- Extended campuses
- "*History makers, we change the world*"

FIT Fashion Institute of Technology
State University of New York

- Fashion Design
- Fashion Design Management

7th International Skills Forum
Anticipating and Preparing for Emerging Skills and Jobs
12–14 December 2017 • Asian Development Bank, Manila, Philippines

50 YEARS ADB

Leadership-vision-planning

Dr. Myung Oh
Founder and honorary President
SUNY Korea

- **1981-1988** -- Vice-Minister & Minister of Communications
- **1989-1993** -- Chairman, Taejon International EXPO Organizing Committee
- **1993-1994** -- Minister of Transportation
- **1994-1995** -- Minister of Construction & Transportation
- **2002-2003** -- President of Ajou University
- **2004-2006** -- Deputy Prime Minister and Minister of Science and Technology
- **2006-2010** -- President of Konkuk University

STONY BROOK UNIVERSITY M.S. DEGREE IN
TECHNOLOGY SYSTEMS MANAGEMENT WITH A FOCUS ON

DIGITAL TECHNOLOGIES FOR DISASTER RISK REDUCTION

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Location: State University of New York (SUNY) Korea is located in the Incheon Global Campus. It operates as an extension of Stony Brook University (SBU) and offers genuine SBU degrees.

Stony Brook University SUNY Korea

INTRODUCTION

| ADMISSION REQUIREMENTS |

Admission requirements are the same as Stony Brook University and include academic, GRE general test score and English proficiency requirements.
For details see the Stony Brook University Department of Technology and Society web page at this link

Send inquiries to : gradadmission@sunykorea.ac.kr

| PARTNER ORGANIZATIONS |

UNISDR

UNISDR-GETI
The United Nations Institute for Disaster Risk Reduction Global Education and Training Institute, located in Songdo near SUNY Korea.

APDRC Asia Pacific Disaster Resilience Centre

Red Cross Asia Pacific Disaster Resilience Center
Housed in SUNY Korea, the APDRC is a reference center of the International Federation of Red Cross and Red Crescent societies, the first such center in the Asia Pacific region.

Safe-Net Forum 공공안전통신망 포럼

SafeNet Forum
A national, multi-sector organization in Korea with responsibility to maintain fairness and transparency in construction of a nationwide public safety LTE network.

Skills related to:
- Big data
- Digital networks
- Mobility
- Entrepreneurship

7th International Skills Forum
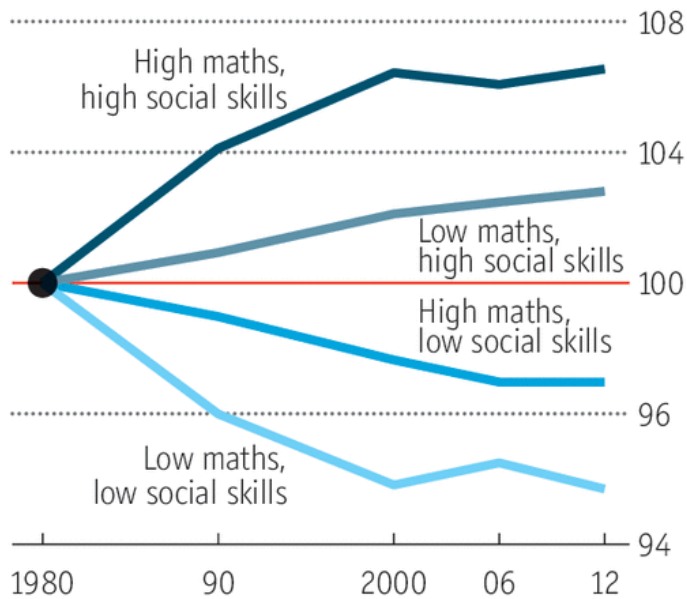**Anticipating and Preparing for Emerging Skills and Jobs**
12–14 December 2017 • Asian Development Bank, Manila, Philippines

50 YEARS ADB

Getting along and getting on

US, change in employment share
By skills required, 1980=100

High maths,
high social skills

Low maths,
high social skills

High maths,
low social skills

Low maths,
low social skills

108
104
100
96
94

1980   90   2000   06   12

Source: "The Growing Importance of Social Skills in
the Labor Market", by David Deming, Aug 2016

Economist.com

Google DeepMind
AlphaGo
Challenge Match
8 – 15 March 2016

AlphaGo   Lee Sedol

Google DeepMind
Challenge Match
8 – 15 March 2016