香港浸會大學
HONG KONG BAPTIST UNIVERSITY

NURTURING WHOLE PERSONS IN A TECHNOLOGY-DRIVEN WORLD: SUCCESS STORIES FROM HONG KONG BAPTIST UNIVERSITY

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Vice-President (Academic)
Hong Kong Baptist University

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Outline

- **Introduction to Hong Kong Baptist University (HKBU)**

- **Whole Person Education (WPE) ethos at HKBU**

- **WPE Assessment @ HKBU**

- **Moving Forward**

Where is Hong Kong Baptist University?

Hong Kong Baptist University
One of 8 publicly funded universities in Hong Kong

- Situated in an expensive area of town

- Easy access

- A "long" campus consisting of "old" and "new" buildings

We are here!

- Established in 1956 with a Christian heritage

- 3 Faculties, 4 Schools & an Academy
  - Academy of Visual Arts
  - Faculty of Arts
  - Faculty of Science
  - Faculty of Social Sciences
  - School of Business
  - School of Chinese Medicine
  - School of Communication
  - School of Continuing Education

- Programmes from Bachelor Degree to PhD

- ~ 10,000 students

- ~ 2,400 staff

Vision and Mission

Vision

HKBU aspires to be a premier institution of higher learning providing broad-based, creativity-inspiring education with distinctive contribution to the advancement of knowledge through research and scholarship.

Mission

HKBU is committed to academic excellence in teaching, research and service, and to the development of the whole person in all these endeavours built upon the heritage of Christian higher education.

**Whole Person Ed.
as the Institution's
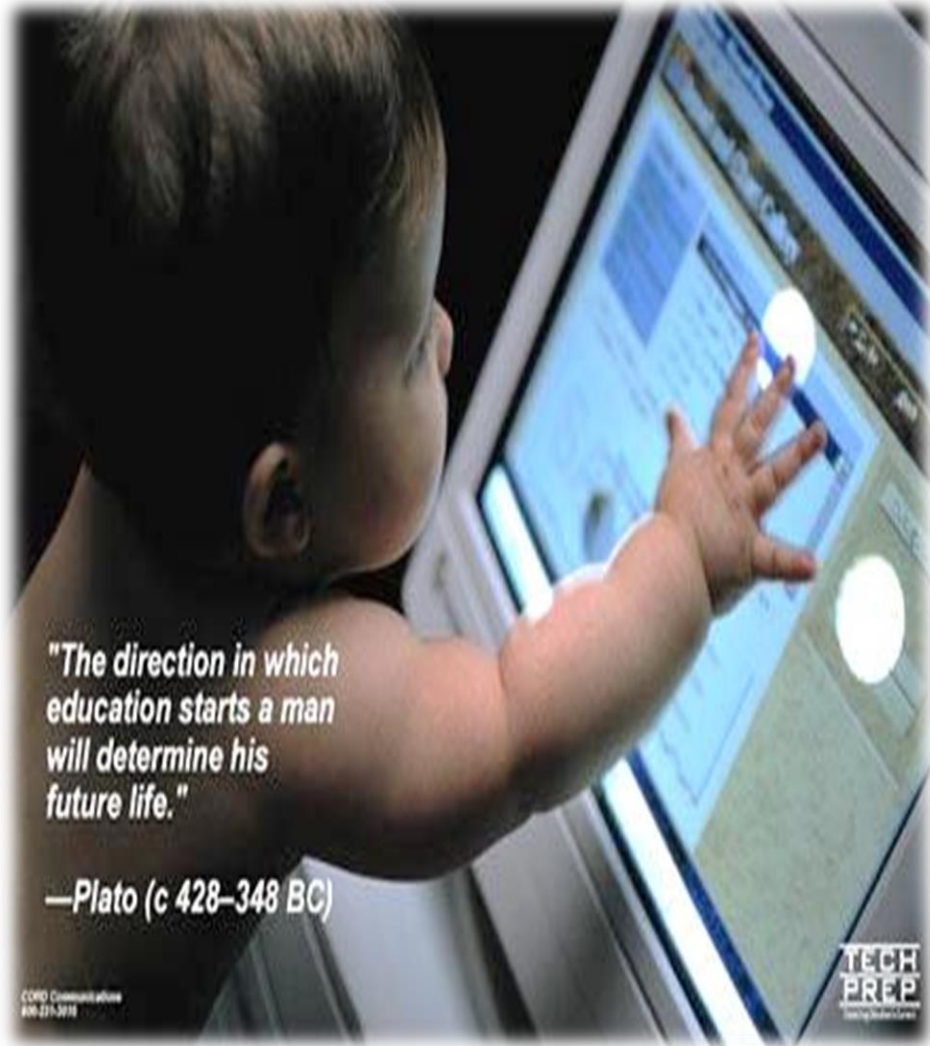founding educational
philosophy since its
inception in 1956**

21ˢᵗ Century Requirements on

Whole Persons

Global Problems

- Global Warming

- Financial Matters

- Pollution

- Natural Disaster

Technologies

"The direction in which education starts a man will determine his future life."

—Plato (c 428–348 BC)

**Teamwork &
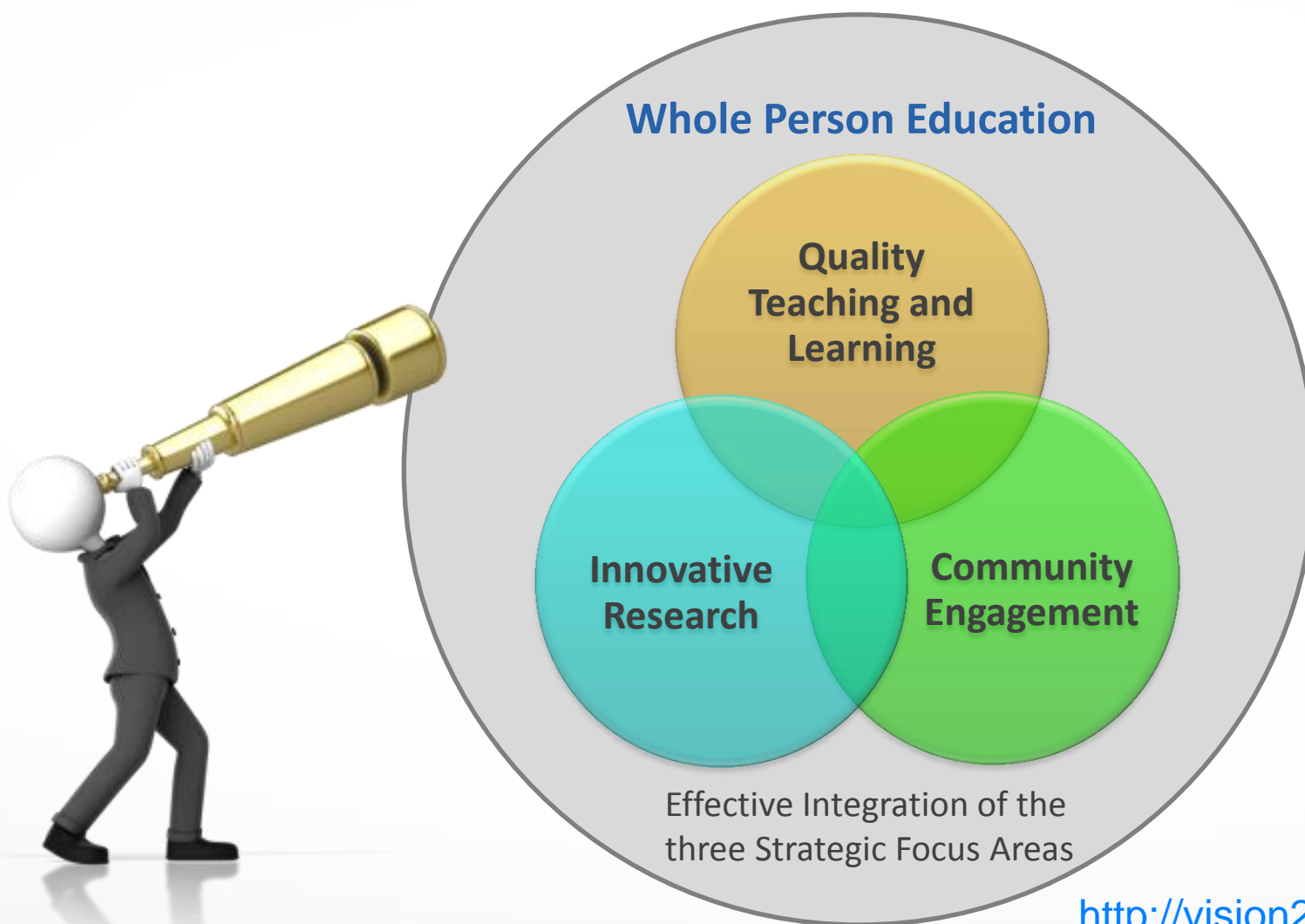Collaboration
amongst Peoples**

Ten Employability Skills

1. Constantly adapt to **technology**
2. Embrace **diversity**
3. Be a **life-long learner**
4. Practise impeccable **integrity**
5. Be a self-starter
6. Demonstrate personal discipline
7. Prioritize and **evaluate** daily
8. Be adaptable
9. **Think creatively** and innovatively
10. Have a Can-Do attitude

HKBU has Updated its Efforts

to Nurture Whole Persons

Strategic Plan

By the year 2020, the University will be a regional leader in whole person education that delivers academic excellence and innovation.

Whole Person Education

Quality Teaching and Learning

Innovative Research

Community Engagement

Effective Integration of the three Strategic Focus Areas

http://vision2020.hkbu.edu.hk/

WPE@HKBU
embodied by the 7 Graduate Attributes

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公民 Citizenship
Be responsible citizens with an international outlook and a sense of ethics and civility;

知識 Knowledge
Have up-to-date, in-depth knowledge of an academic specialty, as well as a broad range of cultural and general knowledge;

學習 Learning
Be independent, lifelong learners with an open mind and an inquiring spirit;

技能 Skills
Have the necessary information literacy and IT skills, as well as numerical and problem-solving skills, to function effectively in work and everyday life;

創意 Creativity
Be able to think critically and creatively;

溝通 Communication
Have trilingual and biliterate competence in English and Chinese, and the ability to articulate ideas clearly and coherently;

群體 Teamwork
Be ready to serve, lead and work in a team, and to pursue a healthy lifestyle.

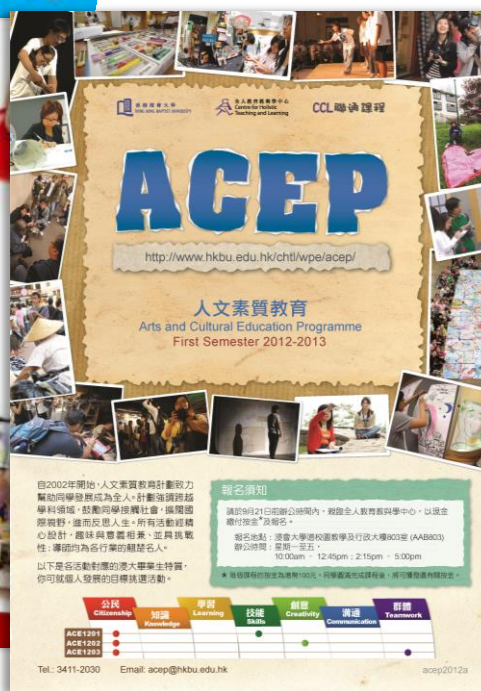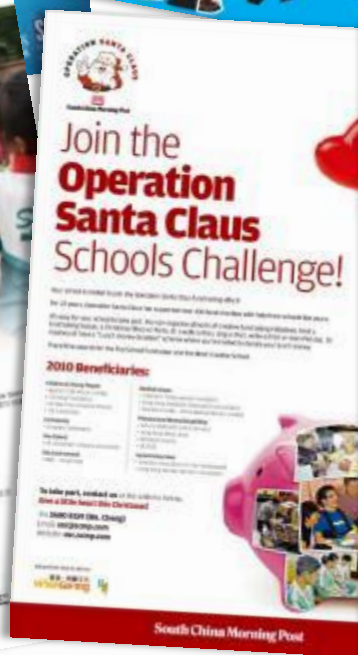**New 4-year curriculum**

GE – interdisciplinary
http://www.hkbu.edu.hk/ge

Alignment of Co-curricular Activities to the Graduate Attributes

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WPE at HKBU

Whole Person Development — **7 Graduate Attributes** — Whole Person Development

Vision 2020

T & L ← **Research**

Community Engagement

Academic Programmes (PILOs)

Co/ Extra-Curricular Activities

60 MAJOR

38 G.E.

30 Elective

Whole Person Education Assessment

(benchmarked)

Course assessments or assignments

Standardised Tests

FRE

WPDI

ECI operated by CHTL

Operated by SAO

HKBU Student Profile

Curriculum & Co/Extra-Curriculum Design/ Development

Academic Development

Co/Extra-Curricular Activities Development

WPE Assessment at HKBU

WPE Assessment @ HKBU

Sources of Student Learning Data or Evidences

Blackboard Outcomes course assessments or assignments (Students' actual works)	Online standardised tests (Benchmarked assessment)	WPDI (Online student self-assessment)
Students' academic works in courses and activities submitted on Blackboard	Benchmarked against universities worldwide, including Greater China Region	Theory-guided online questionnaire. Students self-assess their capacity in each item

WPE Assessment @ HKBU

Blackboard Outcomes course assessments or assignments
(Students' actual works)

Online standardised tests
(Benchmarked assessment)

WPDI
(Online student self-assessment)

Students' academic works in courses and activities submitted on Blackboard

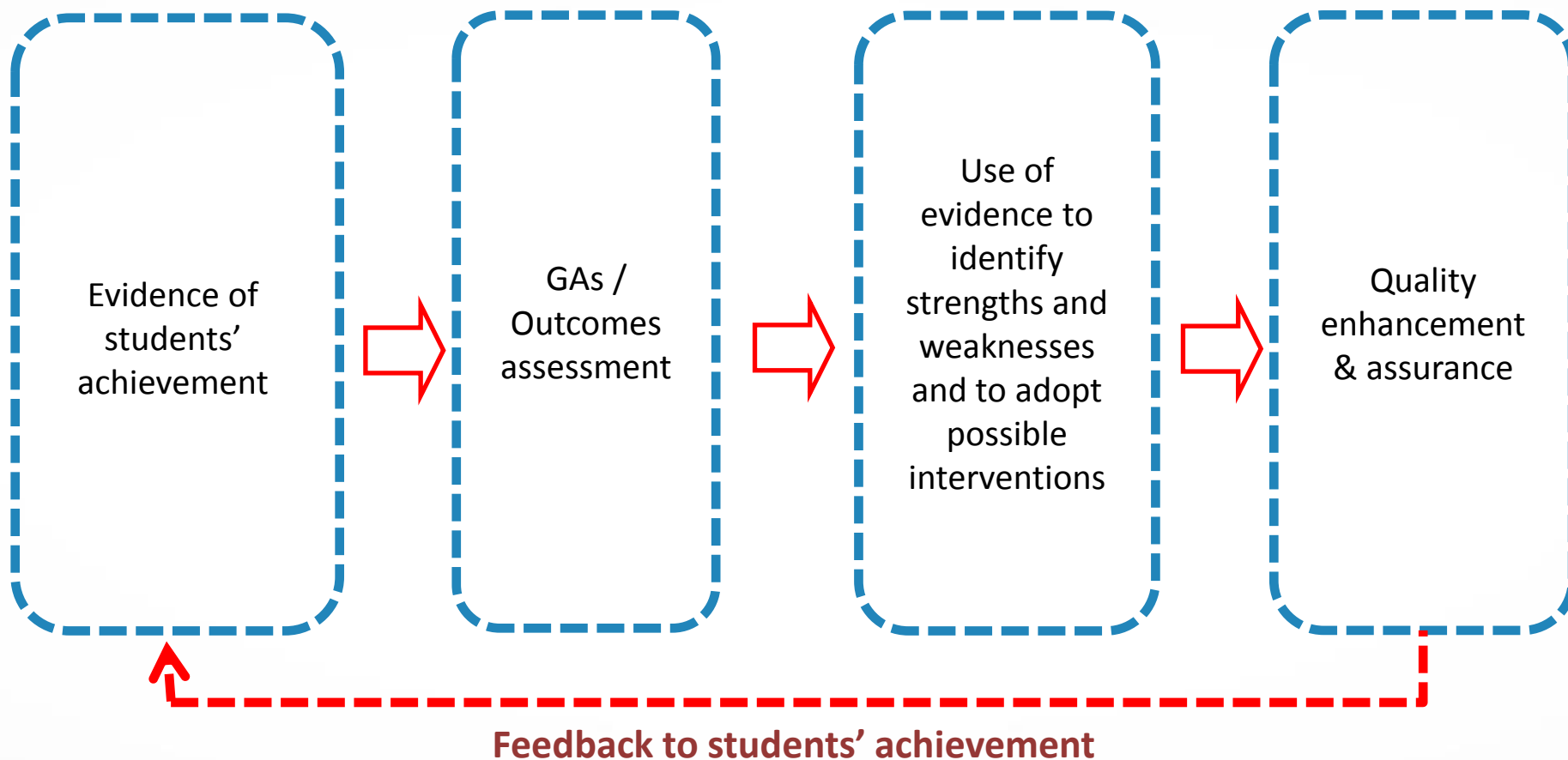Benchmarked against universities worldwide, including Greater China Region

Theory-guided online questionnaire. Students self-assess their capacity in each item

(Instruments from ECI)

Academic

Self-development

Evidence Collection Initiative (ECI)

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┌──────────────┐     ┌──────────────┐     ┌──────────────┐     ┌──────────────┐
│              │     │              │     │   Use of     │     │              │
│  Evidence of │ ──▶ │    GAs /     │ ──▶ │  evidence to │ ──▶ │   Quality    │
│  students'   │     │   Outcomes   │     │   identify   │     │ enhancement  │
│  achievement │     │  assessment  │     │ strengths and│     │ & assurance  │
│              │     │              │     │  weaknesses  │     │              │
│              │     │              │     │ and to adopt │     │              │
│              │     │              │     │   possible   │     │              │
│              │     │              │     │ interventions│     │              │
└──────────────┘     └──────────────┘     └──────────────┘     └──────────────┘
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Feedback to students' achievement

Relevant publications:

1. Eva Wong, Theresa Kwong, Dimple R. Thadani. The Effects of Students' Perceptions of their Learning Experience on their Approaches to Learning: The Learning Experience Inventory in Courses (LEI-C). Education Journal. Vol. 3, No. 6, 2014, pp. 369-376.

2. King Chong, Dimple R. Thadani, Wing Leung Wong, Theresa Kwong, and Eva Wong. A Conceptual Framework of Evidence Collection for Outcomes Assessment: A Case Study in Hong Kong. International Journal of Humanities, Social Sciences and Education. In Press.

Outcomes Assessment using Courses
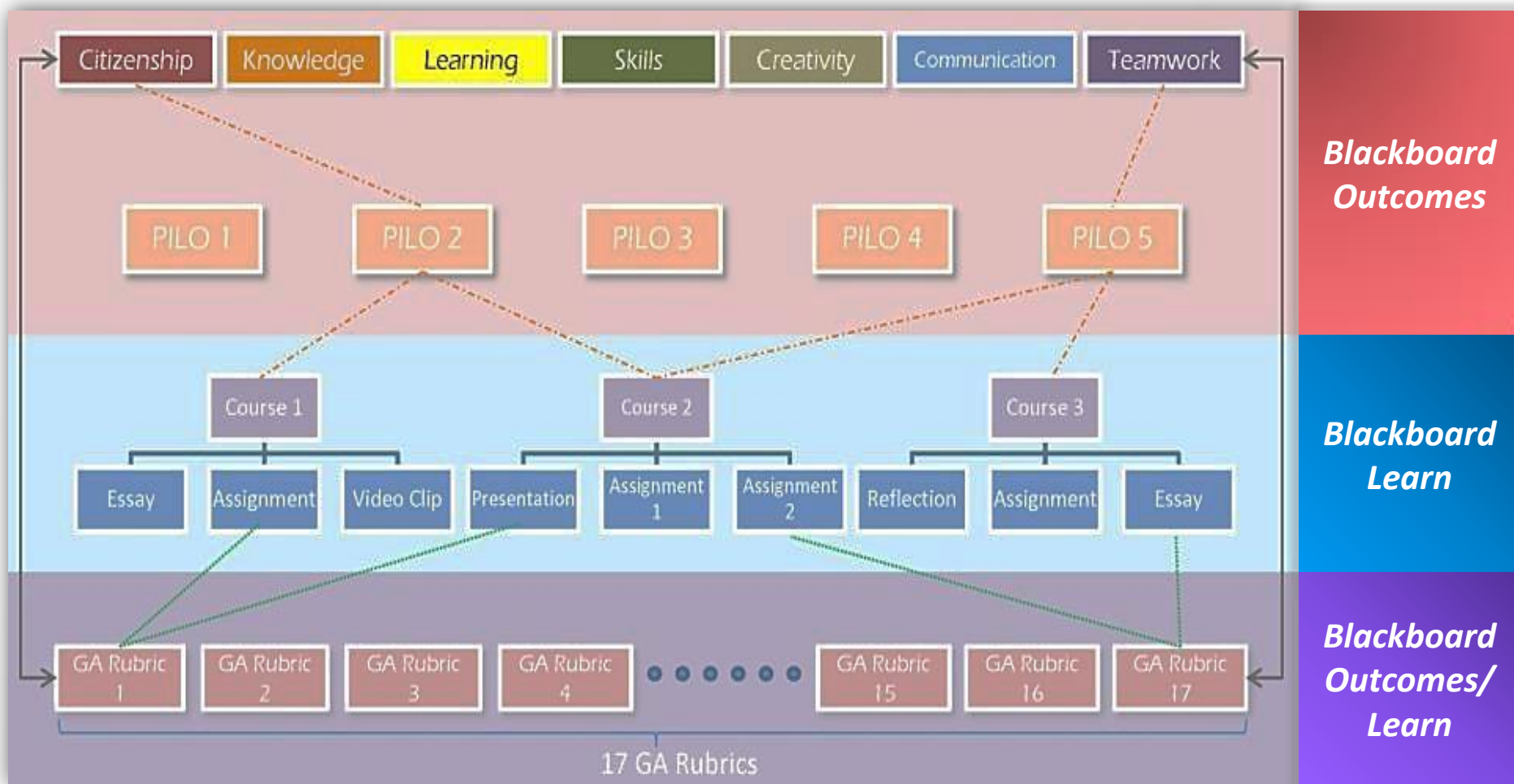
Online Standardised Tests for Benchmarking

Educational Testing Service Proficiency Profile (ETS)

From the U.S. to test students' achievement in

- Reading
- Writing
- Critical thinking
- Mathematics

Academic Proficiency Test (APT)
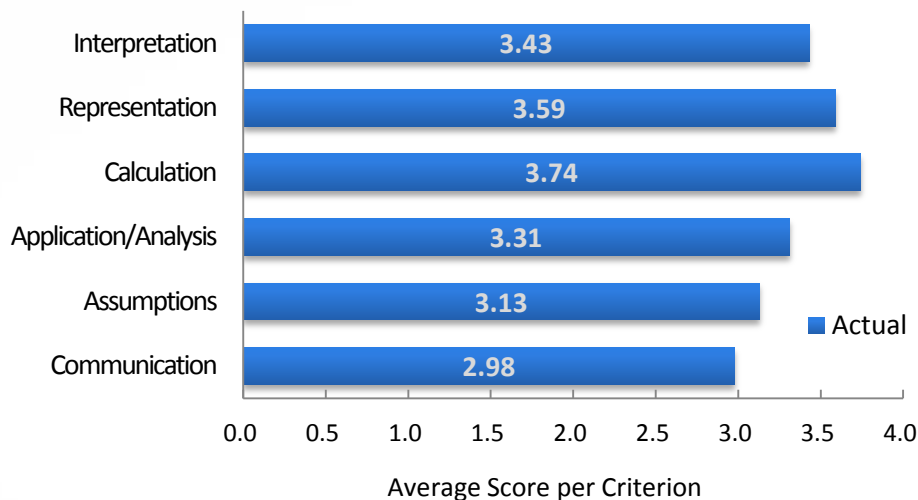
Self-developed instrument divided into 3 areas

- Use of English
- Use of Chinese
- Aptitude

Question Bank established in collaboration with the **National Sun Yat Sen University** in Taiwan

Sample Outputs from the ECI
Direct & Indirect Evidence from
Outcomes Assessment & Standardised Tests

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Bb Outcomes: Rubrics Analysis *Quantitative Reasoning*

Criterion	Actual
Interpretation	3.43
Representation	3.59
Calculation	3.74
Application/Analysis	3.31
Assumptions	3.13
Communication	2.98

Average Score per Criterion

Focus Group Interviews
Students' Perceived Achievement
of Learning Outcomes

- Able to describe the social phenomenon (e.g. gambling and reasons for gambling);
- Able to apply theories (e.g. ethics, statistics) into real life;
- Affecting the way of thinking;
- Improve critical thinking.

APT Results

% of Correct Answer

ETS Results

Mean Score (100-130)
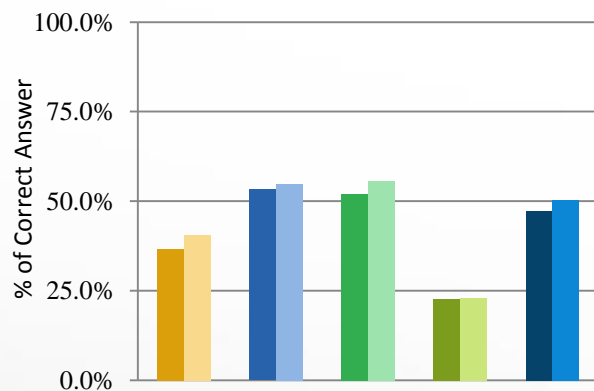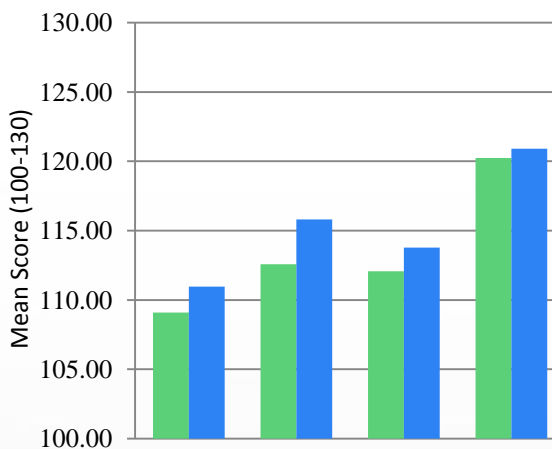
Correlation:
Alignment Index and Learning Approaches/Experience
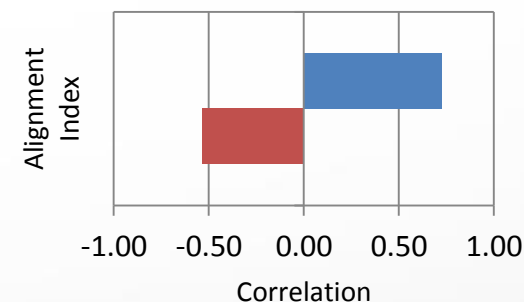
Alignment Index

Correlation

WPE Assessment @ HKBU

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Whole Person Development Inventory
WPDI Online
Student Self-Assessment

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WPDI

⬤ 公民 Citizenship

◉ 知識 Knowledge

⬤ 學習 Learning

✋ 技能 Skills

💡 創意 Creativity

〰️ 溝通 Communication

👥 群體 Teamwork

浸大願景育全人
民知學技創通群

HKBU GAs

Intellectual

Health Maintenance

Physical Fitness

Career Preparation

Leadership

Emotional Health

Self Appreciation

Civic Responsibility

Community Care

Cultural Engagement

Family Relationship

Peer Relationship

Art Appreciation

Moral Commitment

Spiritual Quest

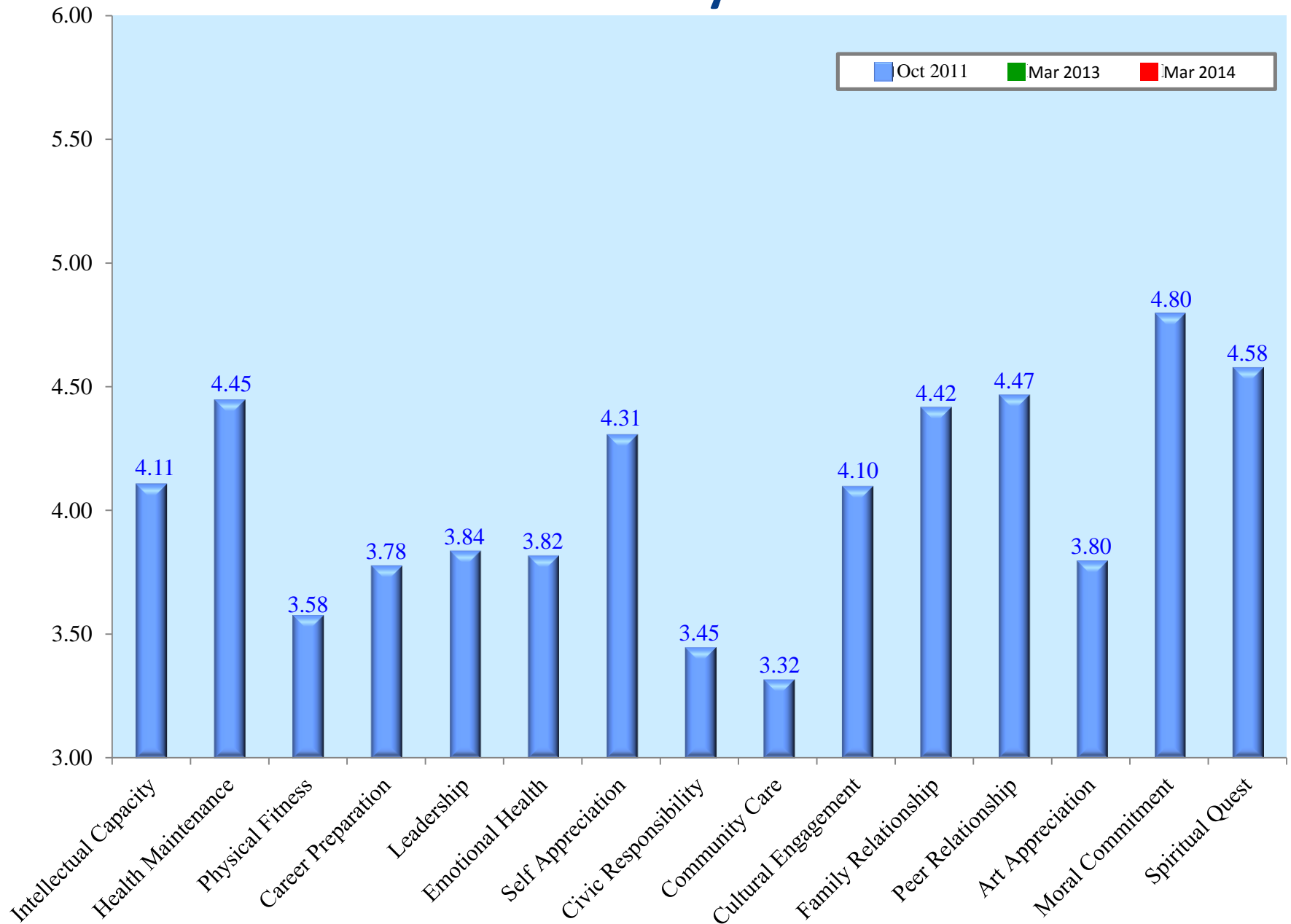# Whole Person Assessment for New Students

All freshmen:

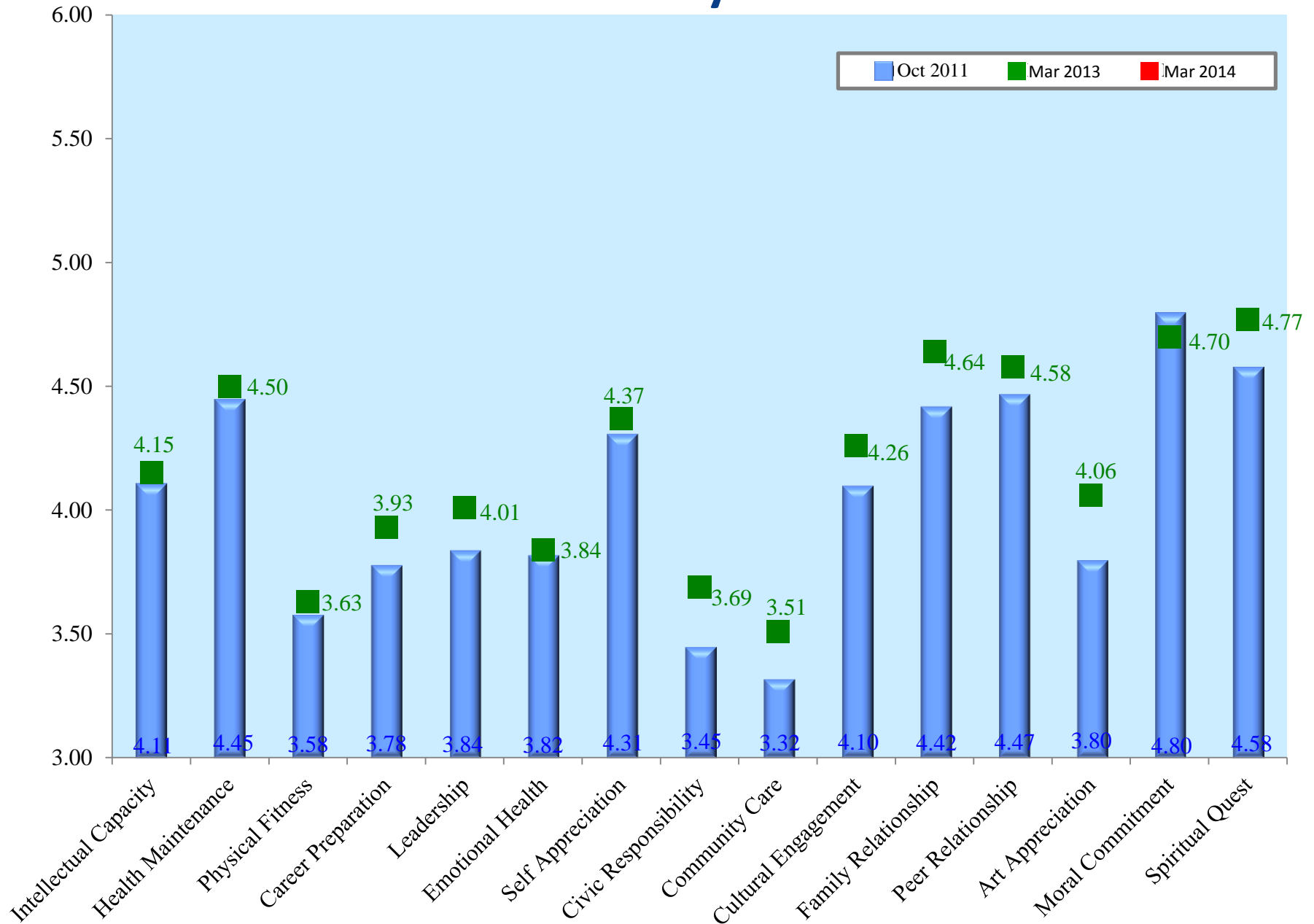- Complete WPDI

- Receive individual WPDI profile
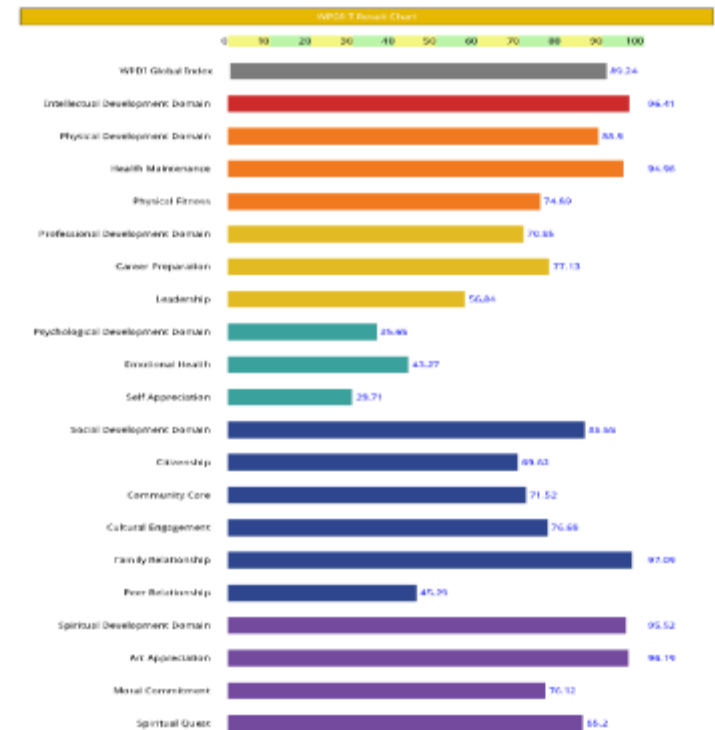
- Acquire the concept of whole person development (WPD)

- Participate in group advising on WPD

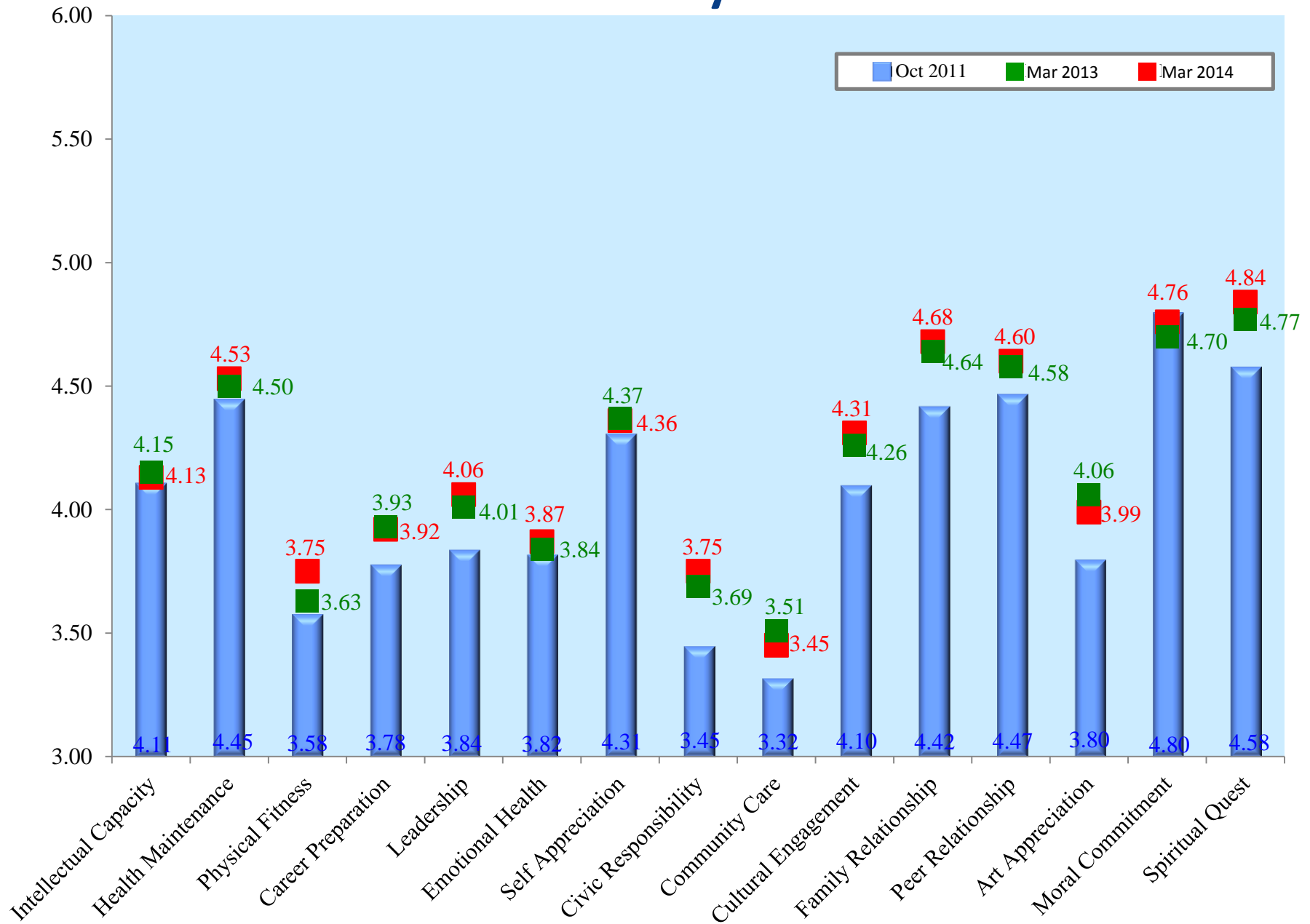- Pursue of individual mentoring on WPD afterward on their choice
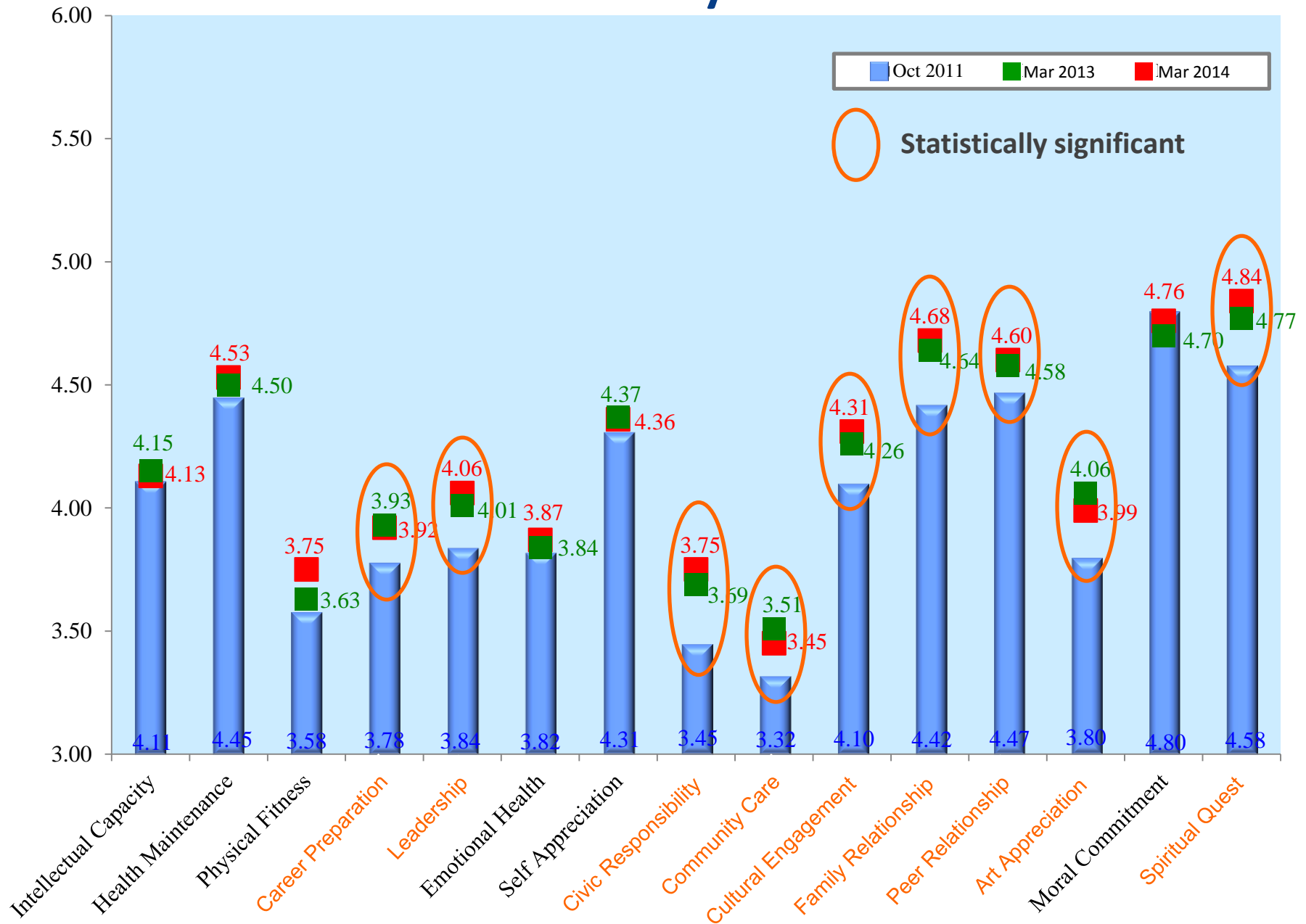
Trace Study 2011-14

	Oct 2011	Mar 2013	Mar 2014

Category	Oct 2011
Intellectual Capacity	4.11
Health Maintenance	4.45
Physical Fitness	3.58
Career Preparation	3.78
Leadership	3.84
Emotional Health	3.82
Self Appreciation	4.31
Civic Responsibility	3.45
Community Care	3.32
Cultural Engagement	4.10
Family Relationship	4.42
Peer Relationship	4.47
Art Appreciation	3.80
Moral Commitment	4.80
Spiritual Quest	4.58

Trace Study 2011-14

Legend: Oct 2011, Mar 2013, Mar 2014

Category	Oct 2011	Mar 2013
Intellectual Capacity	4.11	4.15
Health Maintenance	4.45	4.50
Physical Fitness	3.58	3.63
Career Preparation	3.78	3.93
Leadership	3.84	4.01
Emotional Health	3.82	3.84
Self Appreciation	4.31	4.37
Civic Responsibility	3.45	3.69
Community Care	3.32	3.51
Cultural Engagement	4.10	4.26
Family Relationship	4.42	4.64
Peer Relationship	4.47	4.58
Art Appreciation	3.80	4.06
Moral Commitment	4.80	4.70
Spiritual Quest	4.58	4.77

Trace Study 2011-14

Legend: Oct 2011 (blue) | Mar 2013 (green) | Mar 2014 (red)

Category	Oct 2011	Mar 2013	Mar 2014
Intellectual Capacity	4.11	4.15	4.13
Health Maintenance	4.45	4.50	4.53
Physical Fitness	3.58	3.63	3.75
Career Preparation	3.78	3.93	3.92
Leadership	3.84	4.01	4.06
Emotional Health	3.82	3.84	3.87
Self Appreciation	4.31	4.37	4.36
Civic Responsibility	3.45	3.69	3.75
Community Care	3.32	3.51	3.45
Cultural Engagement	4.10	4.26	4.31
Family Relationship	4.42	4.64	4.68
Peer Relationship	4.47	4.58	4.60
Art Appreciation	3.80	4.06	3.99
Moral Commitment	4.80	4.70	4.76
Spiritual Quest	4.58	4.77	4.84

Trace Study 2011-14

WPDI **Data Collection for Normative Data Establishment**

- March to April 2015
- Establish HK norming group by collecting data from:
  - Hong Kong Baptist University
  - The Chinese University of Hong Kong
  - City University of Hong Kong
  - The Hong Kong Institute of Education
  - Lingnan University
  - The Hong Kong Polytechnic University
  - The Hong Kong University of Science and Technology
- Data collected: 8327

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Use of IT & eLearning tools is an important aspect in facilitating our WPE Assessment

Latest eLearning Developments @ HKBU

eLearning Tools & ePortfolio

School of Chinese Medicine

ePortfolio & eLearning

Mobile Learning

- Learning About Academic Integrity and Ethics using Mobile Technologies and Augmented Reality
  (Eric CHOW, Mark PEGRUM, Dimple THADANI & Eva WONG)

- An Application of Clickstream Tracking for Mobile Learning
  (Joey CHAN, Rex CHIU, Grace NG & Theresa KWONG)
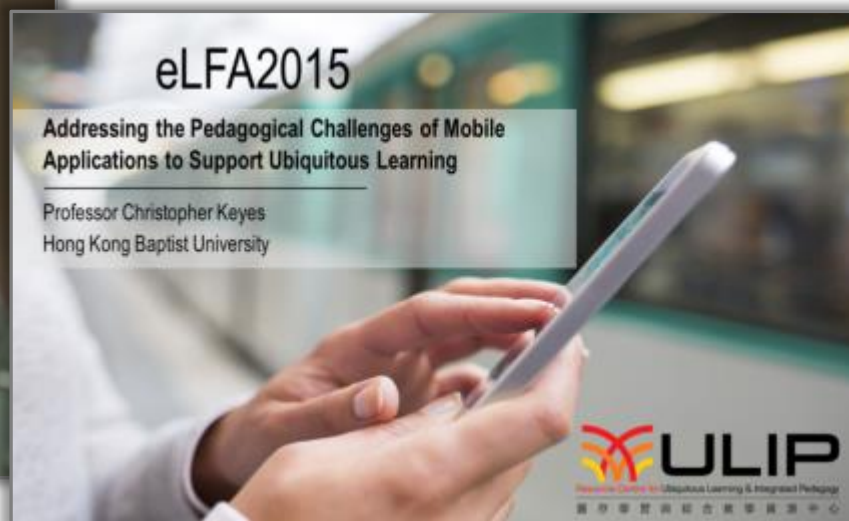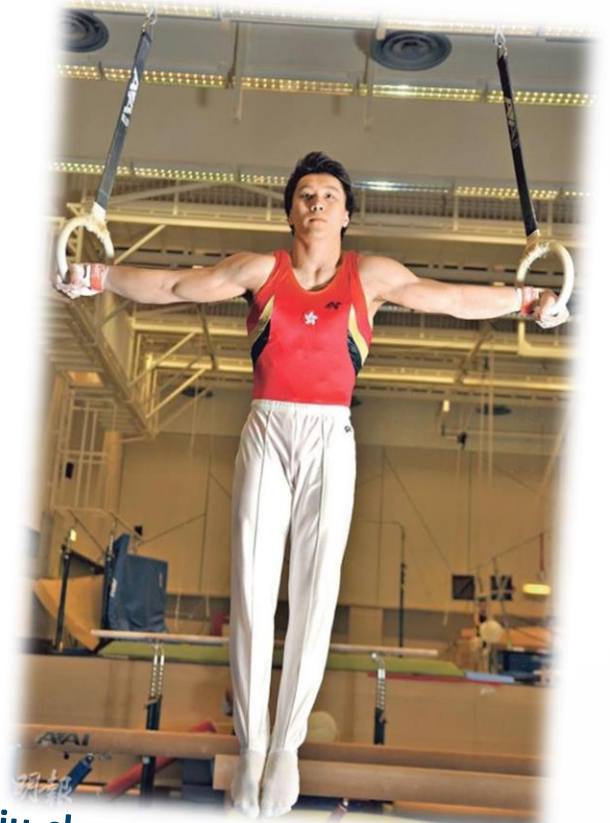
All our effort is for one goal:

Enhancing student learning to prepare our students to become future leaders

![Hong Kong Baptist University logo] 香港浸會大學 HONG KONG BAPTIST UNIVERSITY

Student Achievements

HKBU students teamed up with the HK Unified Floor Hockey Team to win a silver medal at the Special Olympics World Winter Games 2013

Ng Kiu-chung goes down in history with new elements of Still Rings named after him (2015) as recognised by the Fédération Internationale de Gymnastique

Student Achievements

Business students claimed second runner-up spot in Investment Banking Case Study Competition (2014)

NASDAQ congratulated HKBU on winning the global championship (2008)

Three MPhil students and a Teaching Assistant from Chinese Medicine, Business and Science won the "Shenzhen-Hong Kong-Macau-Taiwan Innovative and Young Entrepreneurship Exchange Programme" in 2014

Student Achievements

HKBU students won Silver Project Award in Bio-molecular Design Competition (2013) at Harvard University

HKBU students' design of cancer cell therapeutic detector won Silver Project award at Bio-molecular design competition (2014) at Harvard University
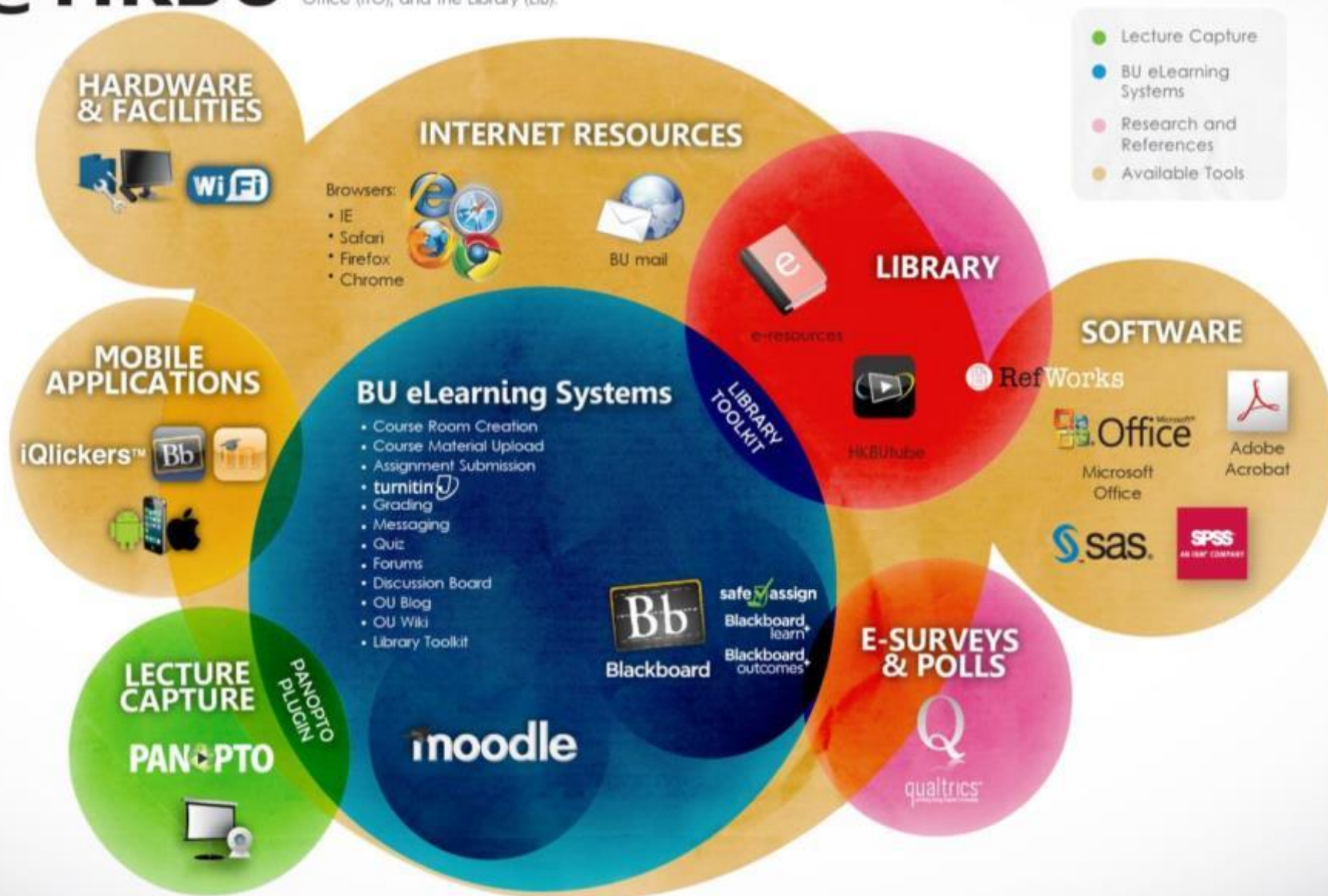
Students ePortfolios

Student Poster Presentation in the Higher Education Research and Development Society of Australasia (HERDSA) 2014 Conference

(HERDSA Prize for Best Poster)

Thank You!

NASDAQ congratulated HKBU on winning the global championship (2008)