



# The 9<sup>th</sup> IP Seminar Global Competitiveness and Business Value Through Innovation

Hongkong, Aug.4-5, 2017

## Cultivating Globally Competitive Innovation & Entrepreneur Talents

### 培育具有全球竞争力的创新创业人才

Prof. Dongmin Chen (陳東敏 )

School of Innovation and Entrepreneurship

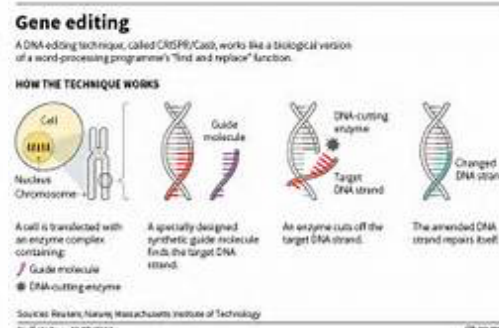
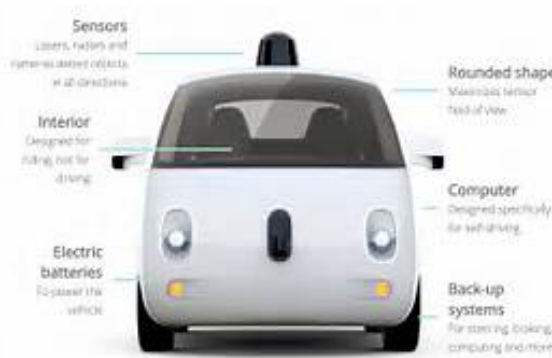
[DongminChen@pku.edu.cn](mailto:DongminChen@pku.edu.cn)





# Business IP & Global Competitiveness in Asia

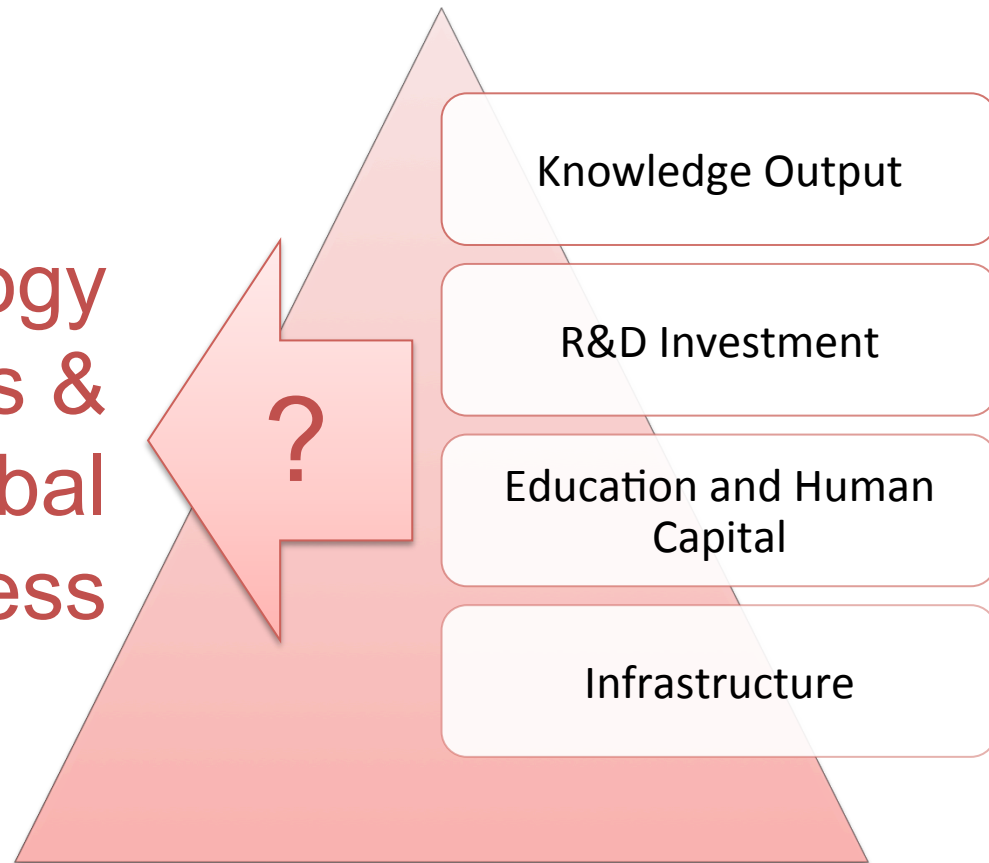
## When will Asia be a leader in creating disruptive technologies/business?



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# Asia's Bottle Neck?

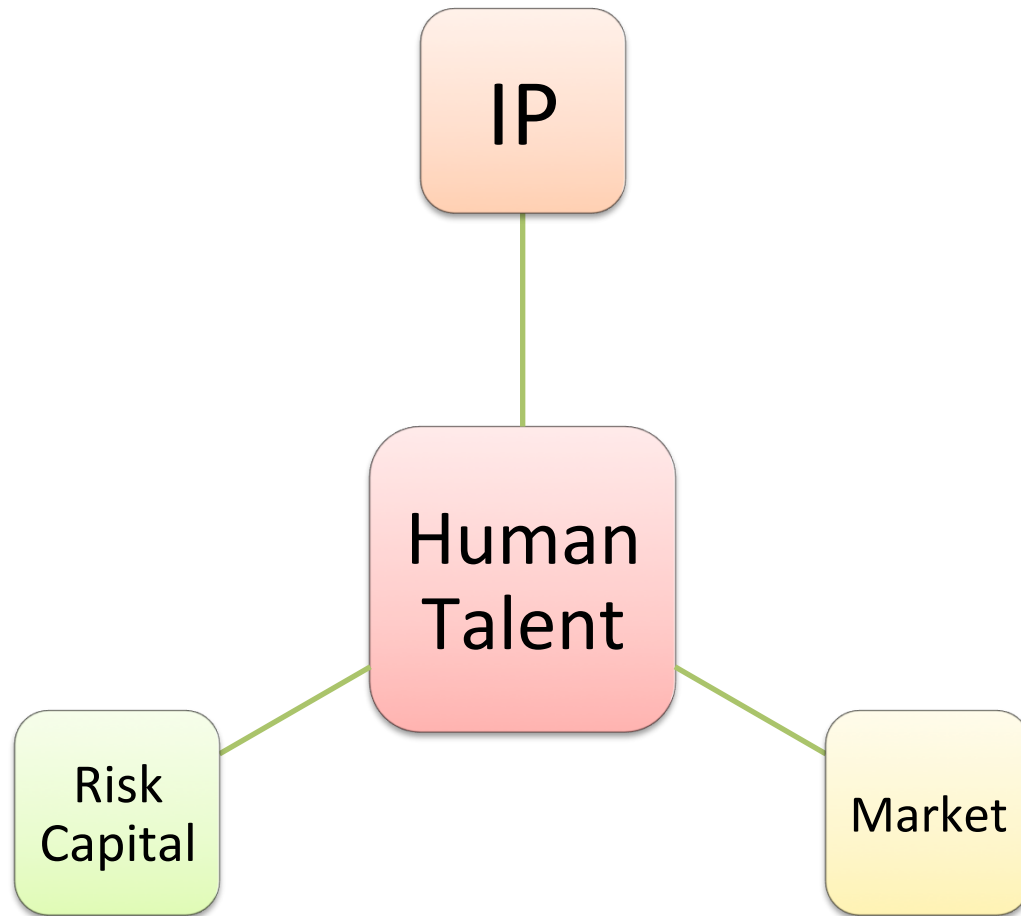
Deep Technology  
Companies &  
Global  
Competitiveness



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# Technology Commercialization Ecosystem

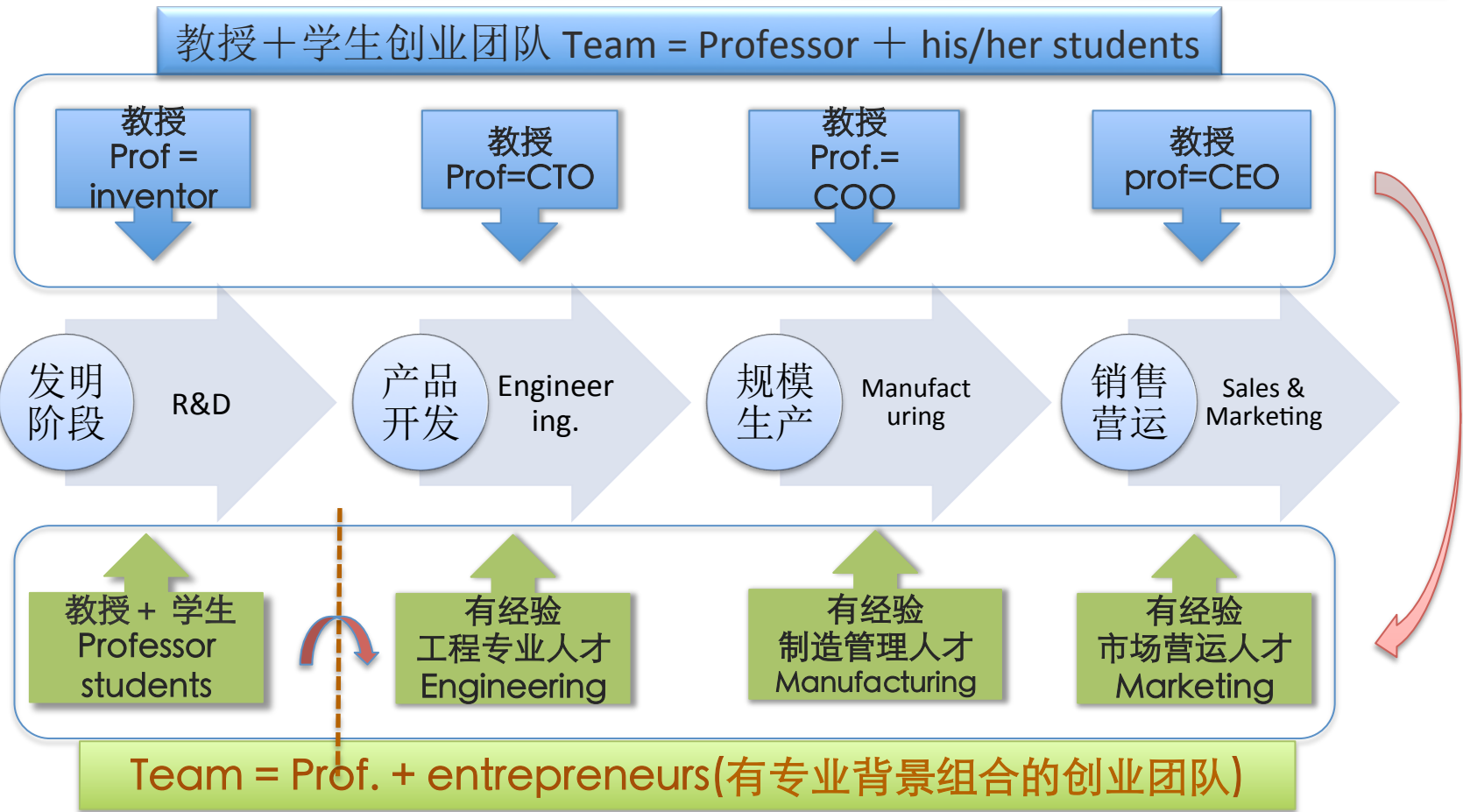
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# Turning Professor to Entrepreneur ??

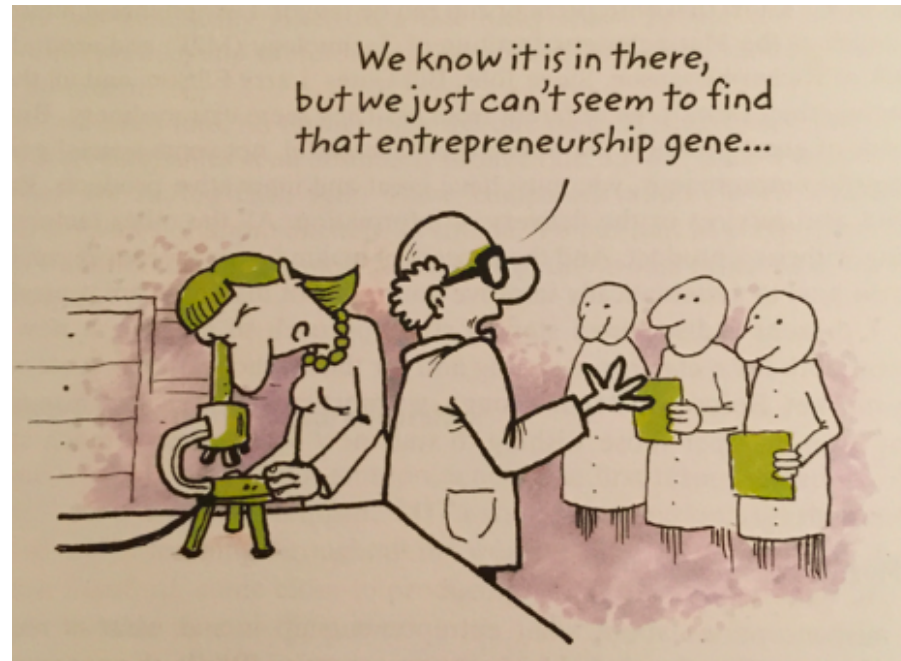


Where to find Serial Technology Entrepreneurs?

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# Entrepreneurship Education



Can entrepreneur or  
entrepreneurship be taught?

创业(者)可教吗?

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# Startup Nation – Israel’s Miracle

## 创业国度 – 以色列

Source: <http://www.geektime.co.il/thetime-internet-report-2014/>

### Startup Nation Today

**1,532** Registered Startups vs 1,150 in 2011

**307** Internet startups established in 2013

**\$417** of investment received in H1 2014

**26%** Of hi-tech investment in H1 2014 was in internet startups

**\$238M** average exit of Israeli internet company in 2013

**5** Companies already floated in H1 2014

**\$2.1Bn** Combined total of exits in 2013 of Israeli internet startups

>6 Bn in 2015

2107 March Intel acquired Mobileye for 13.5B.





# MIT: Mens et Manus

A champion for both fundamental science and MIT's signature style of interdisciplinary, problem-centered research, he is also *pursuing an aggressive agenda to encourage innovation and entrepreneurship.*

From the start of his administration, Dr. Reif has made it a priority *to equip the next generation of innovators with the tools they need to drive their ideas to impact.*



L. RAFAEL REIF  
MIT 17<sup>th</sup> President



|          | 创办企业总数 | 创造就业岗位 | GDP      | 全球GDP排位 |
|----------|--------|--------|----------|---------|
| Stanford | ~4万    | ~540万  | ~2.7万亿美元 | 10th    |
| MIT      | ~3万    | ~300万  | ~2万亿美元   | 11th    |





# 境外知名大学创业教育发展

创业教育已经成为大学教育的核心组成部分，内容和范畴继续在拓展

|       | 斯坦福  | MIT   | 哈佛  |
|-------|--|---|---|
| 创业课开启 | 1995年  | 1960年代  | ~2010   |
| 课程数量  | 136门课  | 54门课  | 24门课  |
| 类别及数量 | 创业基础类：27；<br>创业实践类：16；<br>创业技能类：64；<br>产业聚焦类：29。 | 创业理论课程：8；<br>创业实践课程：18；<br>产业聚焦课程：12；<br>高阶选修课程：16。 | 基础类课程：1；<br>实践类课程：7；<br>创业技能类：11；<br>产业聚焦类：5。 |
| 开放程度  | 商学院仅向MBA开设，<br>其余面向全校开放                          | 面向全校开放  | 对商学院MBA开放                                     |

# 创业教育

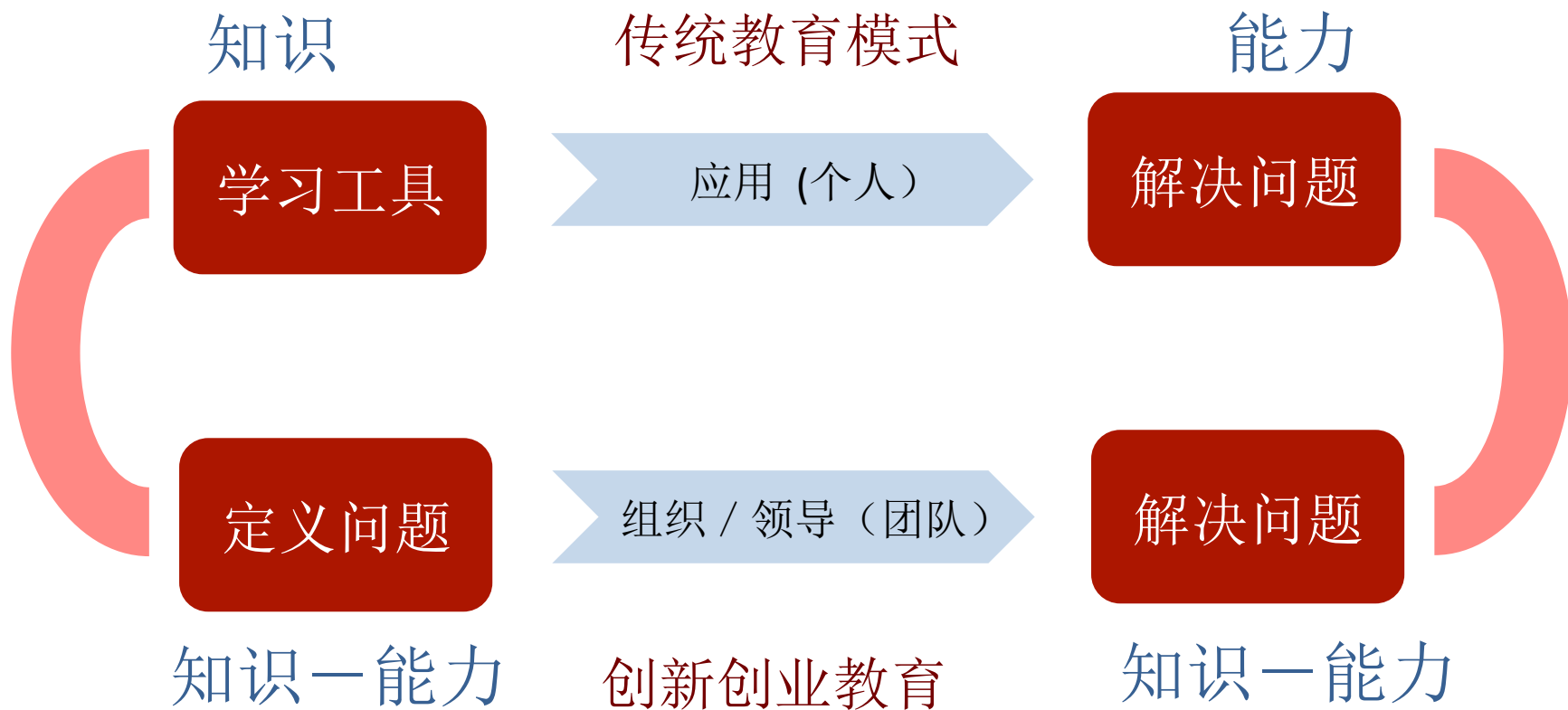
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How to teach  
entrepreneur &  
entrepreneurship?

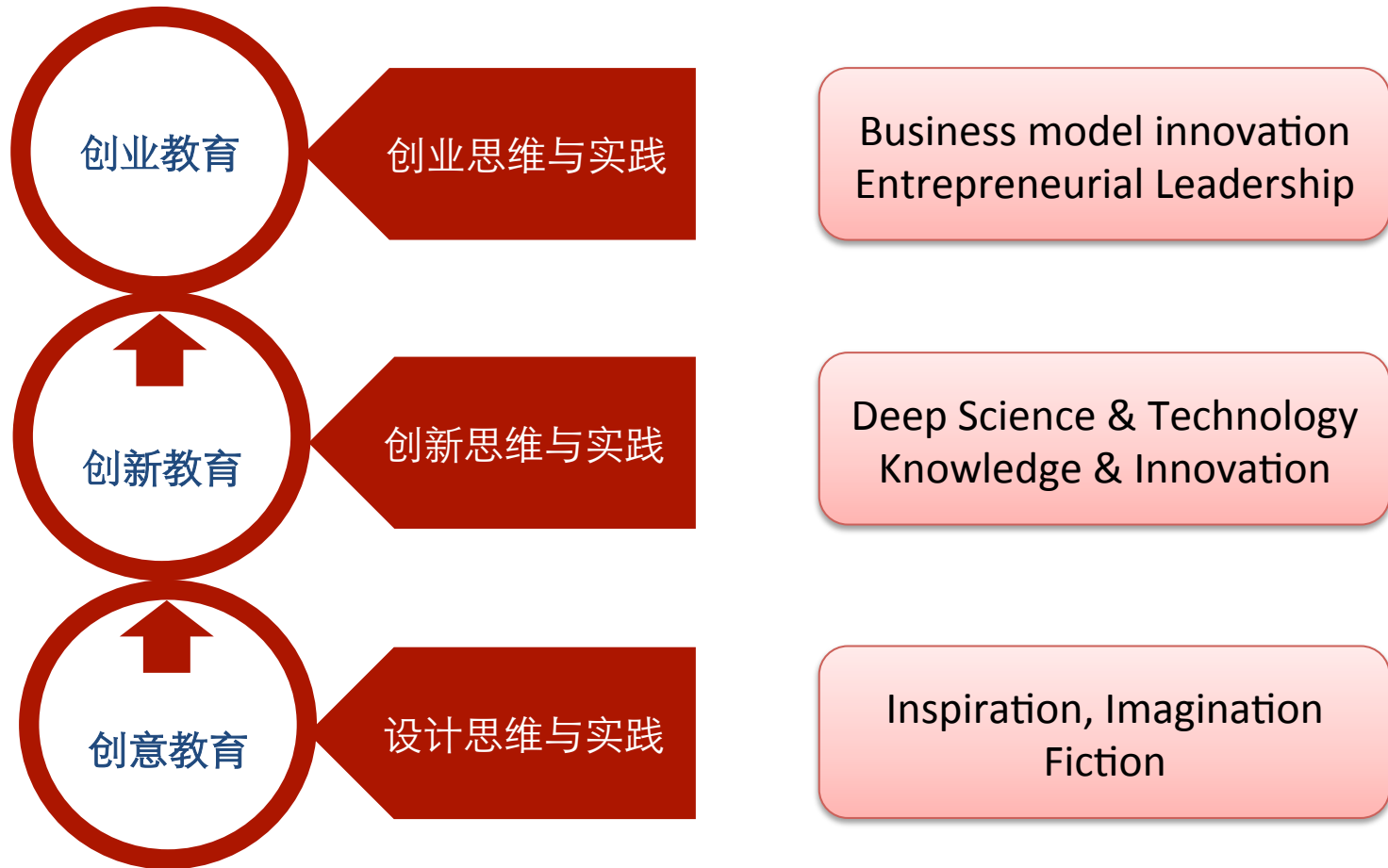
创业(者)如何教?



# 转变思维的教育 Mindset Change Education



# Reinvent the Higher Education?



# 机制创新：优化生态培养复合型人才

## EDUCATIO 教育

Design Thinking  
创意—设计思维



Innovation  
Entrepreneurship  
Education  
创新创业教育



Maker Space  
Co-working Space  
实践孵化平台

weak linkage

weak linkage

weak linkage

University  
Research IP  
科研成果



Technology  
Transfer  
技术转移



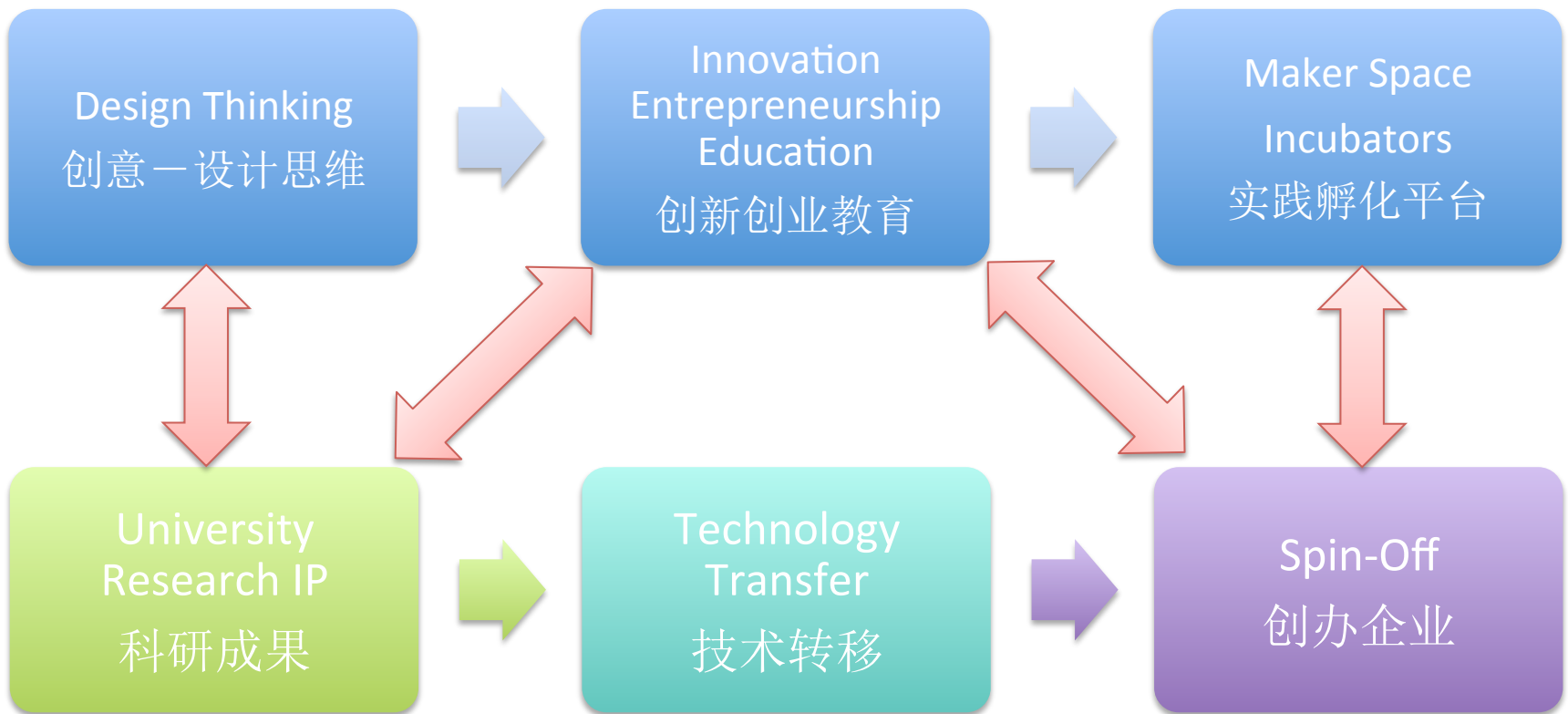
Spin-Off  
Incubator  
创办企业

## RESEARCH 科研



# Optimizing Univ. I&E Ecosystem 优化生态

## EDUCATIO 教育

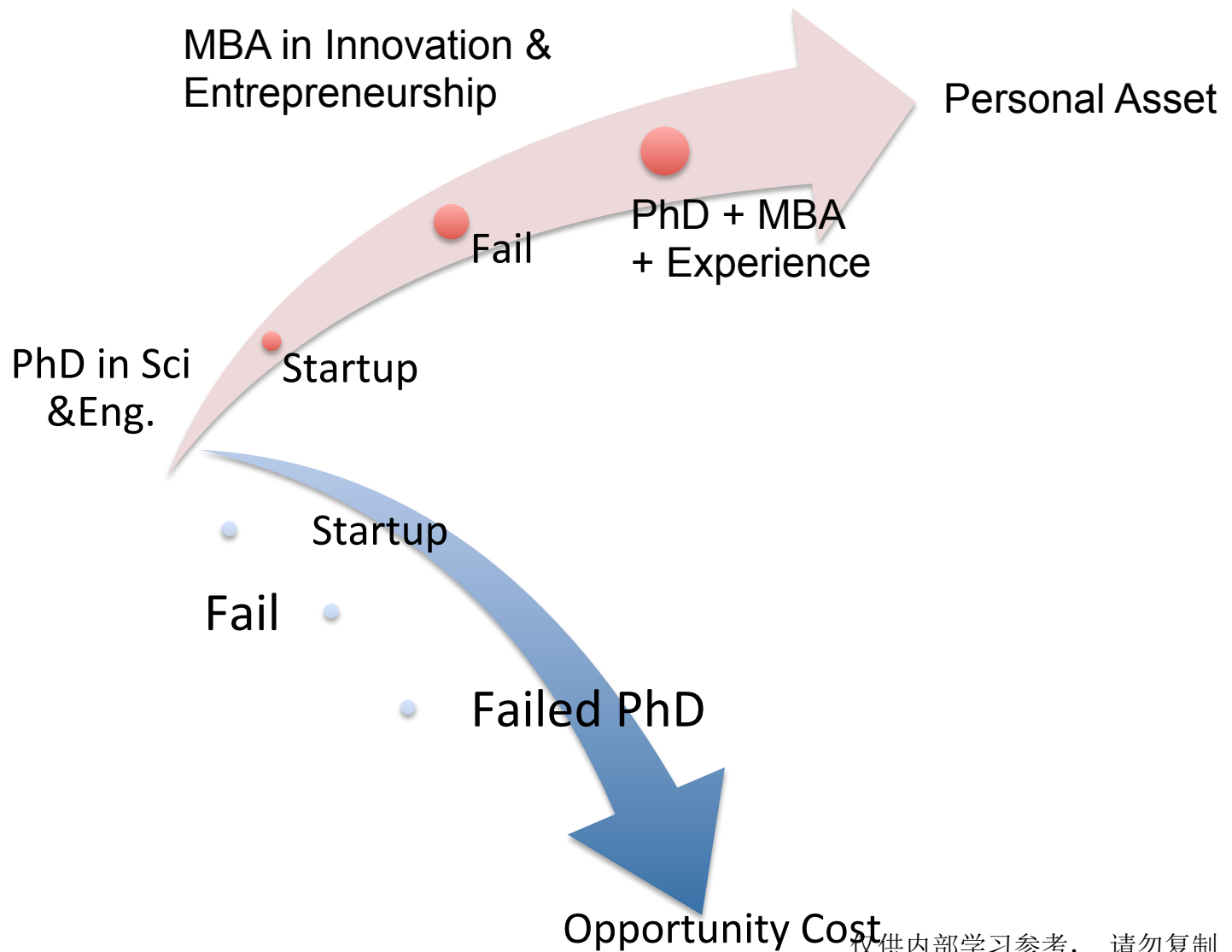


## RESEARC 科研

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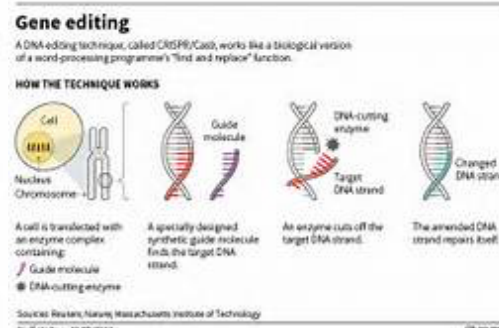
# Opportunity Cost vs Asset





# Business IP & Global Competitiveness in Asia

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