



TEPS-B: Recent Development

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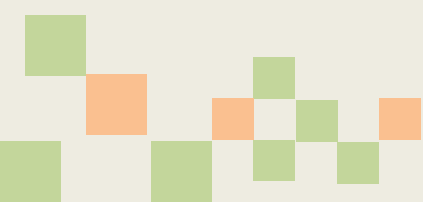
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National Chengchi University

Workshop for the Comparative Study of Transition to
Adulthood among Japanese and Taiwanese Youths

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Introduction to TEPS & TEPS-B

- **TEPS (Taiwan Education Panel Survey)**
 - A national longitudinal survey project collecting data from students of the junior high cohort and the senior high cohort from 2001 to 2007. It also collects data from parents, teachers, and school administrators.
- **TEPS-B (TEPS & Beyond)**
 - The follow-ups of TEPS since 2009: The goal is to track down cohorts of TEPS respondents and collect data about their present academic and labor market outcomes.



TEPS: Project Background

- **Project Goals**

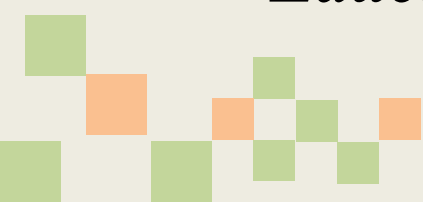
- To gain a systematic understanding of the main factors affecting students' learning.
- To provide an important resource for both academic research and policy formulation.

- **Theoretical Concern**

- *Learning effects, Behavioral and Psychological Consequences of Schooling Institutions*

- **Policy Concern**

- *Educational Opportunity and School Quality*



TEPS Research Design

- Multiple perspectives (students v. parents v. teachers v. school administrators)
- Multi-level: student/class/school
- Panel Design:
 - Most students have 2 time points
 - Core panel followed for 4 waves
- Multi-cohorts
 - 1984/5 & 1988/9 birth cohorts; ages 13-18
 - Before and after major educational policies
- Multi-programs & sectors (public v. private)
- Cross-national linkages

TEPS Samples

- Representative samples of junior high and senior high students:
 - 2001-2003
 - Junior high sample (7th/9th graders, N=20,662; TEPS-B: Panel 1/2 CP & Panel 1 NCP)
 - Senior high/vocational high/junior college sample (11th/12th graders, N=19,033; TEPS-B: Panel 1 SH)
 - 2005-2007
 - Senior high/vocational high/junior college sample (11th/12th graders)
 - Core panel: 4,163 cases who were surveyed as the junior high sample in 2001 & 2003 (TEPS-B: Panel 1/2 CP)
 - New Panel (11th/12th graders, N=15,973; TEPS-B: Panel 2 NP)

TEPS-B: Research Team

- Funding: National Science Council
- Duration:
 - 2009/1/1 ~ 2012/12/31
 - 2013/6/1 ~ 2017/5/31
- Research Team
 - PI: Ping-Yin Kuan (NCCU)
 - CO-PI
 - NCCU: Ray-May Hsung, Fengbin Chang
 - NTU: Kuo-Hsien Su
 - Academia Sinica: Ly-Yun Chang, Ruoh-Rong Yu, Chyi-In Wu
- Advisors: Tony Tam, Nan Lin, Wei-Hsin Yu, Xie Yu, & Robert Hauser,

TEPS-B Samples

- Samples:
 - TEPS 2001-2003
 - Junior high sample (TEPS-B: Panel 1/2 CP & Panel 1 NCP)
 - Senior high/vocational high/junior college sample (TEPS-B: Panel 1 SH)
 - TEPS 2005-2007
 - Senior high/vocational high/junior college sample (11th/12th graders)
 - Core panel: 4,163 cases who were surveyed as the junior high sample in 2001 & 2003 (TEPS-B: Panel 1/2 CP)
 - New Panel (TEPS-B: Panel 2 NP)

TEPS-B: Project Design

TEPS-B Sample	Birth year	TEPS				TEPS-B 2009			TEPS-B 2013		
		2001 Qnn	2003 Qnn	2005 Qnn	2007 Qnn	2009 Phone	2010 Interview	2011-2012 Phone	2013 Phone	2014 Interview	2015 Phone
Panel 1 SH	1984/1985	11th grade (Fall) Age 17	12th grade (Spring)			Age 24~25	Age 25~26				Age 30~31
Panel 1/2 CP	1988/1989	7th grade (Fall) Age 13	9th grade (Fall)	11th grade (Fall)	12th grade (Spring)	Age 20~21			Age 24~25	Age 25~26	
Panel 1 NCP		7th grade Age 13	9th grade (Fall)					Age 22~23	Age 24~25	Age 25~26	
Panel 2 NP					11th grade (Fall)	12th grade (Spring)				Age 24~25	

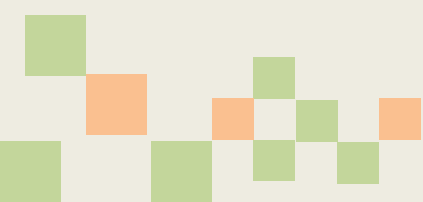
TEPS-B Framework

Factors/mechanisms influencing development trajectory	Short-term outcomes	Long-term outcomes
Objective & Cognitive	<ol style="list-style-type: none"> 1. Educational attainment 2. Occupational status 3. Well-being (physical & psychological) 4. Values & attitudes (towards gender role, marriage, & family) 	<ol style="list-style-type: none"> 1. Educational & occupational Attainment 2. Well-being (physical & psychological) 3. Citizenship 4. Family life
Subjective & Non-cognitive		
Job searching		

TEPS-B: Preliminary Results

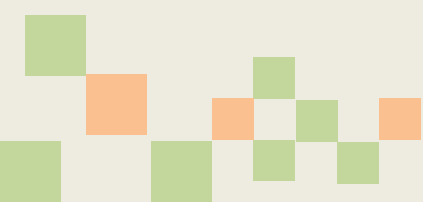
- TEPS-B 網站 : <http://tepsb.nccu.edu.tw/>

TEPS-B Sample	TEPS				TEPS-B					
	2001 Qnn	2003 Qnn	2005 Qnn	2007 Qnn	2009 Phone	2010 Interview	2011-13 Phone	2013 Phone	2014 Interview	2015 Phone
Panel 1 SH	19,051		-----		10,537 (contacted)	3,973 (interviewed)	-----	-----	-----	19,051 (targeted)
Panel 1/2 CP	4,261		-----		3,179 (contacted)	-----	-----	3,132 (contacted)	4,261 (targeted)	-----
Panel 1 NCP	15,794		-----		-----	-----	6,950 (contacted)	-----	5,889 (targeted)	-----
Panel 2 NP	-----		15,875		-----	-----	-----	9,408 (contacted)	-----	-----



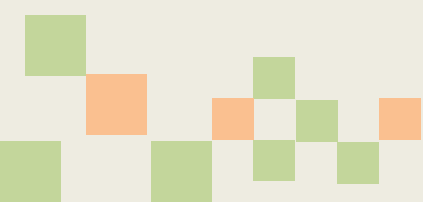
TEPS-B: Preliminary Results

- 2014 face-to-face interview survey
 - Panel 1/2 CP
 - Targeted N = 4,261; estimated response rate: 65%
 - As of 11/03: Completed N = 2,397; response rate: 56.3%
 - Panel 1 NCP
 - Targeted N = 5,800; estimated response rate: 45%
 - As of 11/03: Completed N = 2,153; response rate: 37.1%



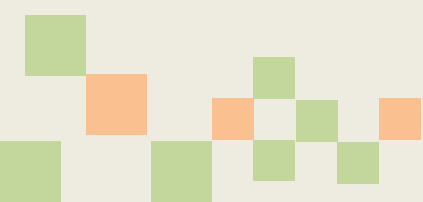
Possible Research Issues Based on TEPS-B

- **Impacts of higher education expansion on educational stratification**
 - Issues of horizontal stratification of higher education
 - Who goes to graduate school?
- **Impacts of higher education expansion on occupational attainment**
- **Gender, fields of study and occupational attainment**
- **Other issues related to emerging adulthood: mate selection process, marriage, civic engagement, etc.**
- **Etc.**



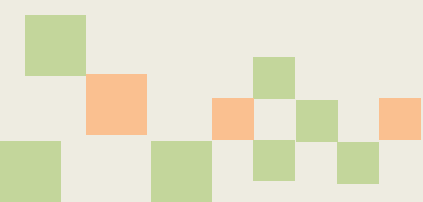
TEPS-B 2014 Questionnaire Framework

- Socio-demographic Info
- Educational history since 9th grade
 - Ability grouping in junior high
 - College experiences in learning and extracurricular activities
 - Self-assessed skills in writing, communication, analytical and critical reasoning, computer, teamwork, independent learning, leadership, etc.
- History of romantic relationship



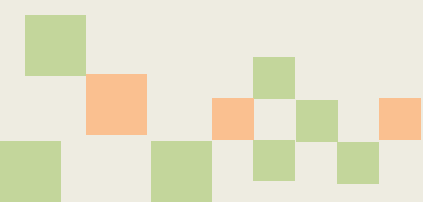
TEPS-B 2014 Questionnaire Framework

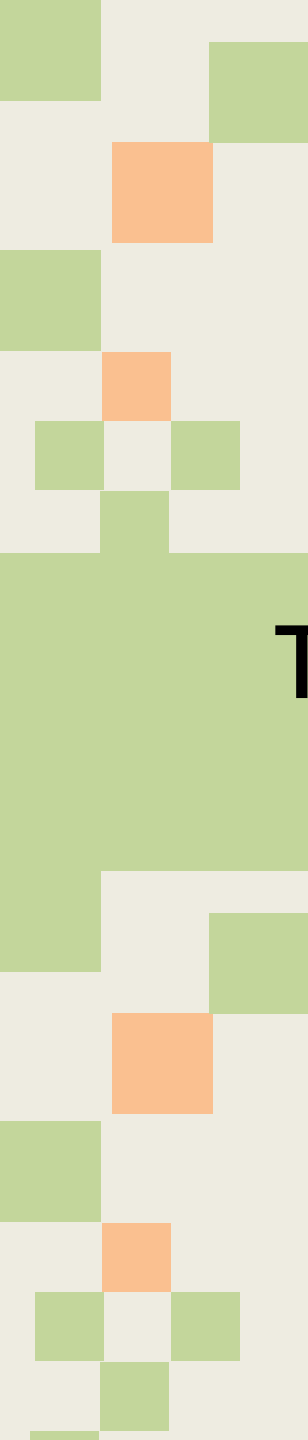
- Work history (15 hours/week or above)
- Residential history
- Social network (name generator & simplified position generator)
- Non-cognitive traits
- Physical & mental health
- Attitudes toward marriage, & family, political issues



Jobs to be Done

- Data cleaning: An on-going job.
- Linking TEPS & TEPS-B data: Issues of research ethics, such as informed consent.
- Data release: The first release of the 2009 phone survey data is in June 2014. The next release will be the 2010 face-to-face interview survey data.
- TEPS- B 2013-2015 phone surveys and face-to-face interview surveys (& web surveys?)
- TEPS- B workshop: To be held early next year





Thank you for your attention!
Q & A

