

# Organizational Chart of the CLAP@JC (Schools) Research and Project Evaluation Team 2021-T1: Quantitative Data Collection & Research Preparation

Questionnaires:  
 –BM Students (S3-S6)  
 –BM Teachers (Career Head Teacher & Team Members)  
 –APFS Students & Control

CLAP@JC (Schools) Director (Dr. Yip)

FT Project Manager (Lawrence) Sep 20-Mar 2021

- Preparation for Questionnaires' Contents (SCS-1, TCS-1)
- Actual Data Collection for BM Schools

- Preparation for Questionnaires' Contents
- Preparation for a Paper Questionnaire
- Preparation for a Qualtrics Questionnaire
- Preparation for Interviews (for a Semi-Structured Interview)
- Actual Data Collection for BM Schools
- Preparation for Data Entry (Paper Questionnaires)
- Preparation for Data Management and Analyses (Paper Questionnaires)
- Preparation for Data Management of a Qualtrics Questionnaire
- Preparation for Merging the Paper and Qualtrics Excel Data Files
- Preparation for Qualitative Interview Transcript Making

FT Senior Research Assistant (Grace) Sep 20-May 2021

2 FT Research Assistants I (Cathy; Oliver) Sep-Dec 2021  
 Replacing Grace

Volunteering-PT SRA (Derek) Sep 20-

- Preparation for Qualtrics and Paper Questionnaire (SCS-1, TCS-1)
- Actual Data Collection for BM Schools
- Preparation for Merging Paper and Qualtrics Data Files

- Actual Data Collection for BM Schools
- Preparation for Data Management of a Qualtrics Questionnaire (SCS-1, TCS-1)

- Preparation for Data Entry (Paper Questionnaires) (SCS-1, TCS-1)
- Actual Data Collection for APFS Schools

Half-a-Course-Time Research Associate (Dr. K. Ho) Feb 2021-

- Preparation for Questionnaires' Contents, Questionnaire Preparation, and Data Management (APFS & Control)

See steps for each research task here:

<https://docs.google.com/document/d/1ObgDKdctufRFF03daJvIRwqnJq-z0CxO4PzmHSW6KFG/edit?usp=sharing>

## Before Data Collection

Preparation for Questionnaires' Contents

- 2021/T1–conducted by Dr. Yip and Lawrence (Grace, Derek) (SCS-1, TCS-1)
- 2021/Batch1–conducted by Dr. Ho, Grace, and Derek (APFS & Control)

Preparation for a Paper Questionnaire

- 2021/T1–conducted by Grace (SCS-1, TCS-1)
- 2021/Batch1–conducted by Dr. Ho and Grace (APFS)

Preparation for a Qualtrics Questionnaire

- 2021/T1–conducted by Grace (SCS-1, TCS-1)
- 2021/Batch1–conducted by Grace (APFS)

## Actual Data Collection

- 2021/T1–conducted by Lawrence and Grace (SCS-1, TCS-1)
- 2021/Batch1–conducted by Derek (APFS & Control)

## After Data Collection

Preparation for Data Entry (Paper Questionnaires)

- 2021/T1–conducted by Derek (SCS-1, TCS-1)
- 2021/Batch1–conducted by Derek (APFS & Control)

Preparation for Data Management of a Qualtrics Questionnaire

- 2021/T1–conducted by Catherine and Oliver (SCS-1, TCS-1)
- 2021/Batch1–conducted by Dr. Ho (APFS)

Preparation for Merging the Paper and Qualtrics Excel Data Files

- 2021/T1–conducted by Grace (SCS-1, TCS-1)
- 2021/Batch1–conducted by Grace (APFS & Control)

# Organizational Chart of the CLAP@JC (Schools) Research and Project Evaluation Team 2022-T2: Quantitative-Qualitative Data Collection & Research Preparation

Questionnaires:  
 –BM Students (S3-S6)  
 –BM Teachers (Career Head Teacher & Team Members)  
 –APFS Students & Control  
 –PEQ

CLAP@JC (Schools)  
 Director (Dr. Yip)

PT Senior Research Assistant (Derek)

- Preparation for Questionnaires' Contents (TCS-1, PEQ)
- Actual Data Collection for BM Schools (BM and APFS)
- Preparation for Qualitative Interview Transcript Making

FT Research Assistant I (Tiffany; Mar 2022-Apr 2023)

- Preparation for Paper & Qualtrics Questionnaires (SCS-2, TCS-2, APFS & Control)

Half-a-Course-Time Research Associate (Dr. K. Ho; till Aug)

FT Research & Evaluation Director (Dr. K. Ho; since Sep)

- Preparation for Questionnaires' Contents, Paper Questionnaire Preparation, and Data Management (APFS & Control)
- Preparation for Data Management and Analyses and Merging of Data Files (Paper and Qualtrics)

FT Senior Research Assistant (Frances) (Feb 2022)

- Preparation for Questionnaires' Contents
- Preparation for a Paper Questionnaire
- Preparation for a Qualtrics Questionnaire
- Preparation for Interviews (for a Semi-Structured Interview)
- Actual Data Collection for BM Schools
- Preparation for Data Entry (Paper Questionnaires)
- Preparation for Data Management and Analyses (Paper Questionnaires)
- Preparation for Data Management of a Qualtrics Questionnaire
- Preparation for Merging the Paper and Qualtrics Excel Data Files
- Preparation for Qualitative Interview Transcript Making

## Before Data Collection

### Preparation for Questionnaires' Contents

- 2022/T2–conducted by Derek, Dr. Ho, Tiffany (SCS-2)
- 2022/T2–conducted by Derek (and Dr. Ho and Tiffany) (TCS-2)
- 2022/T2–conducted by Derek and Dr. Yip (PEQ)

### Preparation for a Paper Questionnaire

- 2022/T2–conducted by Dr. Ho and Tiffany (SCS-2)
- 2022/Batch2–to be conducted by Dr. Ho (APFS & Control)

### Preparation for a Qualtrics Questionnaire

- 2022/T2–conducted by Tiffany (SCS-2, TCS-2)
- 2022/Batch2–to be conducted by TBD (APFS)

## Actual Data Collection

- 2022/T2–conducted by Derek and Tiffany (SCS-2)
- 2022/Batch2–to be conducted by Derek (APFS & Control)

### Preparation for Interviews (for a Semi-Structured Interview)

- 2022/T2–conducted by Derek (BM Impact on S, T, P)
- 2022/Batch1–conducted by Derek (APFS Impact on S, T; Control)
- 2022/Batch2–to be conducted by Derek and Dr. Ho (APFS Impact on S, T; Control)

## After Data Collection

### Preparation for Data Entry (Paper Questionnaires)

- 2022/T2–conducted by Derek (BM Impact on S, T, P)
- 2022/Batch1–conducted by Derek (APFS Impact on S, T; Control)
- 2022/Batch2–to be conducted by Derek and Dr. Ho (APFS Impact on S, T; Control)

### Preparation for Data Management and Analyses (Paper Questionnaires)

- 2022/T2–conducted by Dr. Ho (SCS-2)
- 2022/Batch2–to be conducted by Dr. Ho (APFS)

### Preparation for Data Management of a Qualtrics Questionnaire

- 2022/T2–conducted by Derek, Dr. Ho, and Tiffany (SCS-2)
- 2022/Batch2–to be conducted by Derek (APFS & Control)

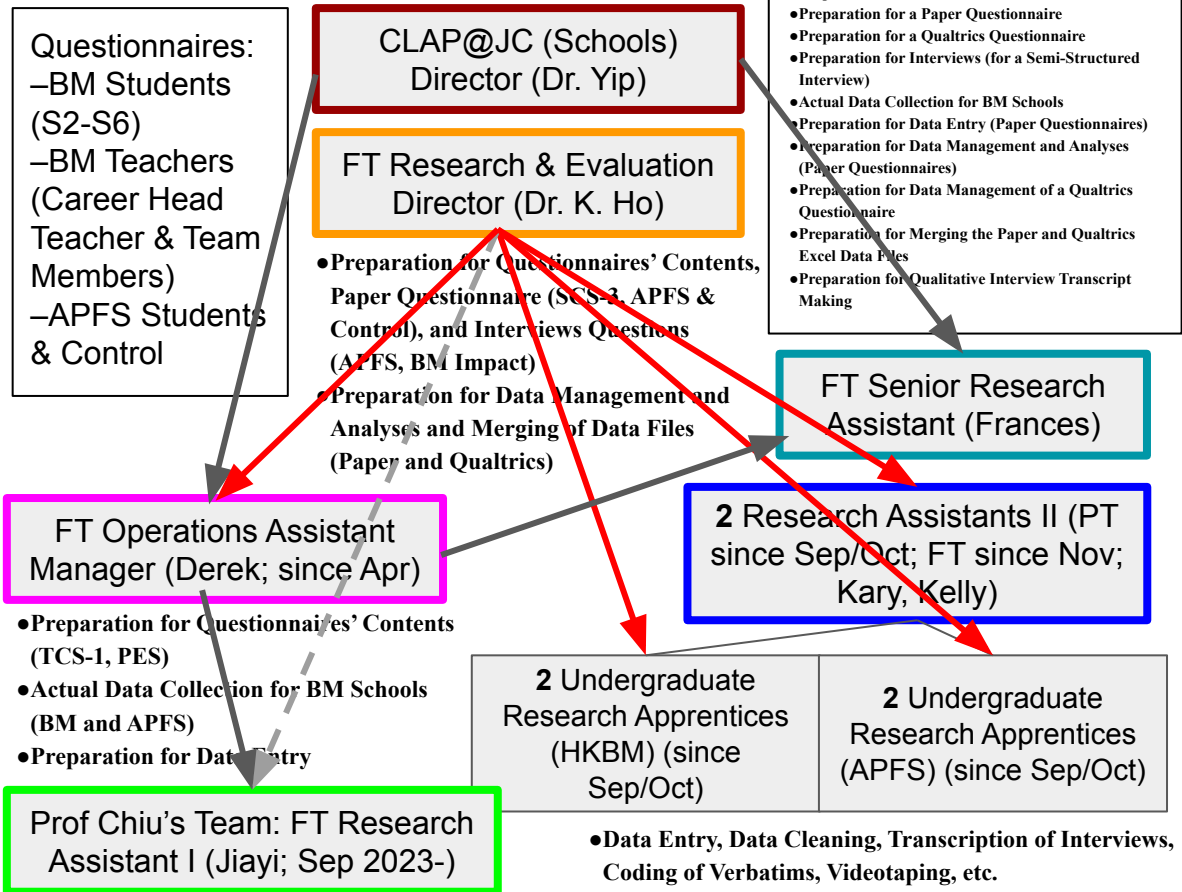
### Preparation for Merging the Paper and Qualtrics Excel Data Files

- 2022/T2–conducted by Tiffany and Dr. Ho (SCS-2)
- 2022/Batch2–to be conducted by Dr. Ho (APFS & Control)

### Preparation for Qualitative Interview Transcript Making

- 2022/T2–conducted by Derek (BM Impact on S, T, P)
- 2022/Batch1–conducted by Derek (APFS Impact on S, T; Control)
- 2022/Batch2–to be conducted by Derek (APFS Impact on S, T; Control)

# Organizational Chart of the CLAP@JC (Schools) Research and Project Evaluation Team 2023-T1/T3: Quantitative Data Collection & Research Preparation



## Before Data Collection

### Preparation for Questionnaires' Contents

–2023/T1 & T3–conducted by Dr. Ho (SCS-3)

–2023/Batch1–to be conducted by Dr. Ho (APFS & Control)

–2023/Batch2–to be conducted by Dr. Ho (APFS & Control)

–2023/T1–to be conducted by Dr. Ho (TCS-3)

### Preparation for a Paper Questionnaire

–2023/T1 & T3–conducted by Dr. Ho (SCS-3)

–2023/Batch1–to be conducted by RA-II (APFS & Control)

–2023/Batch2–to be conducted by Dr. Ho (APFS & Control)

### Preparation for a Qualtrics Questionnaire

–2023/T1 & T3–conducted by Derek (SCS-3)

–2023/Batch1–to be conducted by Derek (APFS & Control)

–2023/Batch2–to be conducted by Derek (APFS & Control)

### Actual Data Collection

–2023/T1 & T3–to be conducted by Derek (SCS-3)

–2023/Batch1–to be conducted by Derek (APFS & Control)

–2023/Batch2–to be conducted by Derek (APFS & Control)

### Preparation for Interviews (for a Semi-Structured Interview)

–2023/Batch1–to be conducted by Dr. Ho (APFS Impact on S, T; Control)

### After Data Collection

#### Preparation for Data Entry (Paper Questionnaires)

–2023/T1 & T3–to be conducted by Derek (SCS-3 & Control)

–2023/Batch1–to be conducted by Derek (APFS & Control)

#### Preparation for Data Management and Analyses (Paper Questionnaires)

–2023/T1 & T3–to be conducted by Dr. Ho (SCS-3)

–2023/Batch1–to be conducted by Dr. Ho (APFS)

#### Preparation for Data Management of a Qualtrics Questionnaire

–2023/T1 & T3–to be conducted by Dr. Ho (SCS-3)

–2023/Batch1–to be conducted by Dr. Ho (APFS & Control)

#### Preparation for Merging the Paper and Qualtrics Excel Data Files

–2023/T1 & T3–to be conducted by Dr. Ho (SCS-3)

–2023/Batch1–to be conducted by Dr. Ho (APFS & Control)

#### Preparation for Qualitative Interview Transcript Making

–2023/Batch1–to be conducted by Derek (APFS Impact on S, T; Control)

# Datasets and Research Projects (page 1)

Type of Data	HKBM (Hong Kong Benchmarks) Adoption	APFS (Alternative Paths Finder Scheme)
<b>Cohort 1: 2021 (Pretest) and 2022 (Posttest) (Old)</b>		
<b>QUAL</b> <b>Staff 2023 (Old &amp; Current)</b>		Data: Interviews with APFS Leadership Team and Staff Members (CCs) – <b>Study 0B Theoretical Paper on the APFS Intervention Framework</b> (Ho, Yip, Tang, under preparation) (interview in Feb)
<b>QUAN</b> <b>Students 2021 (Pretest) (Cohort 1) (Old)</b>	Data: Student Data of 2021/T1 – <b>Study 0A Empirical Study: APASO, CR, Ptcp</b> (Ho, under preparation) ( <a href="#">due Dec 2023</a> ) <i>Relationships between motivation, attitude, goal setting, school behavior, and career-and-life-development education on career decision-making confidence (Journal of Youth &amp; Adolescents)</i>	Vocational Profiles of Control Data of 2021 – <b>Study 0C Empirical Study: PGI vocational profile measures</b> (Ho, ..., under preparation) ( <a href="#">due Mar 2024</a> )
<b>QUAN</b> <b>Schools and Students 2021 (Pretest) and 2022 (Posttest) (Cohort 1) (Old)</b>	Data: HKBM and Student Data of 2021 (Pretest) and 2022 (Posttest) – <b>Study 1A Empirical Study: HKBM, APASO, CR, Ptcp</b> (Yip & Ho, under preparation) ( <a href="#">due Jan 2024</a> ) <i>Measuring the impact of a whole-school-approach career guidance intervention on secondary students in Hong Kong through the validation and use of a career readiness measure (British Journal of Guidance &amp; Counseling)</i>	Retrospective-Thentest and Posttest Data (Cohort 1 Batch 1; <b>Cohort 2</b> Batch 1): Student Data of 2021 (Cohort 1 Batch 1) and 2022 ( <b>Cohort 2</b> Batch 1; <b>Data to be collected</b> ) – <b>Study 1B Empirical Study</b> (Ho, Tang, ... under preparation) ( <a href="#">due Mar 2024</a> )

# Datasets and Research Projects (page 2)

Type of Data	HKBM (Hong Kong Benchmarks) Adoption	APFS (Alternative Paths Finder Scheme)
<b>Cohort 1: 2021 (Pretest) and 2022 (Posttest) (Old)</b>		
<b>QUAL</b> <i>Students 2022/23</i> <b>(Cohort 1) (Old)</b>	<b>Open to Research Team Members</b>	Data: Interviews with APFS and Control Students (Cohort 1 Batch1 and Batch 2) – <b>Study 3B Qualitative Study</b> (Keung, Tang, Ho, under preparation)
<b>QUAL</b> <i>Teachers 2021/T1 and 2022/23/T2</i> <b>(Cohort 1) (Old)</b>	***Data: Information for <b>creating TCS-3 items</b> (data recompiled & analyzed by Kary)	Data: APFS Teachers ( <b>Derek...</b> )
<b>QUAN</b> <i>School Teachers Staff (AAPA, HF, EA) Students 2022</i> <b>(Posttest) (Cohort 1) (Old)</b>	Data: HKBM, Teachers (Mediators), Staff (AAPA, HF, EA; Mediators), Students of 2021/T1 and 2022/T2 – <b>Study 1C</b> Empirical Study (Ho, ...)	

# Datasets and Research Projects (page 3)

Type of Data	HKBM (Hong Kong Benchmarks) Adoption	APFS (Alternative Paths Finder Scheme)
<b>Cohort 2: 2023 (Sep-Oct; Pretest) (Current) and 2024 (May-Jun; Posttest) (Future)</b>		
<b>QUAL</b> <b>Students (Cohort 2)</b> <b>(Current)</b>	<i>Data to be collected</i> ; Research questions to be identified ( <b>Open to Research Team Members</b> ) ***(1) Oct 18 JS CLD Club: Ambassadors <b>(2) In-depth interviews: understand “career” (F4 students) (F5 students) (Banding) (Dec-Feb)</b>	<i>Data to be collected</i> ; Research questions to be identified (Cohort 2 Batch 1) ( <b>Open to Research Team Members</b> )-- <b>Model after Bakke &amp; Hooley (2022): Control (Dec/Jan)</b>
<b>QUAL</b> <b>Teachers (Cohort 2 Schools) (Future)</b>	<i>Data to be collected</i> : Career Head Teachers ( <b>Open to Research Team Members</b> )	<i>Data to be collected</i> : APFS Teachers ( <b>Open to Research Team Members</b> )
<b>QUAN</b> <b>Students 2021 (Time 1), 2022 (Time 2), and 2023 (Time 3; SCS-3T) (Cohort 1) (Current)</b>	<i>Data to be collected</i> : Student Data of 2021/Time-1, 2022/Time-2, 2023/Time-3 – <b>Study 2 Tracking Study of Graduates</b> (Prof. Chiu’s Team, Jocelyn, Xingxing,...)	
<b>QUAN</b> <b>Students 2023 (SCS-3) (Current)</b>	–Study 3A (12 schools; F6)	

# Quantitative and Research Projects (page 4)

Type of Data	HKBM (Hong Kong Benchmarks) Adoption	APFS (Alternative Paths Finder Scheme)
<b>Cohort 2: 2023 (Sep-Oct; Pretest) (Current) and 2024 (May-Jun; Posttest) (Future)</b>		
<p><b>QUAN</b>  <b>Schools and</b>  <b>Students 2023 (Pretest)</b>  <b>(Current) and 2024 (Posttest)</b>  <b>(Future)</b></p>	<p><b>Data to be collected:</b> Cohort 2 HKBM and Student 2023 (Nov 2023; Pretest)  <i>(Posttest—all F4 classes)</i></p>	<p><b>Data (Matched Samples) to be collected:</b>  <b>Pretest (Nov 2023)</b> of APFS and Control Students (Cohort 2 Batch 2) and Posttest (Jul 2024)</p>
<b>Cohort 1 Follow-up: Time 3 Data 2023 (Nov, 2023) (Current)</b>		
<p><b>QUAN</b>  <b>Students 2023 (SCS-3)</b>  <b>(Current)</b></p>	<p>–Study 3A (12 schools; F6)</p>	
<b>Cohort 3: Control Data 2023 (Oct-Nov; Pretest) (Current) and 2024 (May-Jun; Posttest) (Future)</b>		
<p><b>QUAN</b>  <b>Students 2023 (Pretest)</b>  <b>(Current) and 2024 (Posttest)</b>  <b>(Future)</b></p>	<p><b>Data to be collected:</b> Control Data: Cohort 3 HKBM and Student 2023 (SCS-3) (Pretest)</p>	
<b>Cohort 3: 2024 (Sep/Oct; Pretest) (Current) and 2025 (May/June; Posttest)</b>		

# Projects/Papers on the **2021-2022** Data Sets

Tentative Title	Project Details and Proposed Collaborators
<p>[A quantitative study (2021 HKBM student outcomes):] <b>The affective, social, and career outcomes of secondary students in Hong Kong (FALL 2023)</b></p>	<p>Project A: 2021 Student Data of HKBM Cohort 1: General Research PaperA: “Affective, Social, and Career Outcomes of Secondary Students in HK” (tentative title)--2021 student data: APASO-II, CareerReadiness; Modeling (SEM); Look for Other Suitable Data-Analysis Methods–<a href="#">KPH</a>, colleagues...</p>
<p>[A theoretical-conceptual paper:] <b>The development of the Hong Kong Benchmarks for Career and Life Development education</b></p>	<p>Project B: 2021 and 2022 HKBM School Data of HKBM Cohort 1 PaperB1: “Development of the Hong Kong Benchmarks for Career and Life Development Education” (tentative title): HKBM T1, T2: HKBM Theoretical Paper and BM CFAs, structure–<a href="#">Yip</a>, <a href="#">Cheung</a></p>
<p><b>(FALL 2023)</b></p>	<p>PaperB2: 2021 and 2022 HKBM and its effect on students (impact); Quasi-experiment; Modeling; use of random samples of student data: <a href="#">Yip</a>, <a href="#">KPH</a></p>
<p>[A quantitative and qualitative study (2022 interviews with teachers and TCS):] <b>How teachers responded to a new whole-school career and life development education intervention in Hong Kong (FALL 2023-SPRING 2024)</b></p>	<p>PaperB3: 2021 and 2022 HKBM Teachers (Quan &amp; Qual): BM on Teachers–<a href="#">Derek</a>, Frances, KPH, collaborators</p>

# Projects/Papers on the **2021-2022** Data Sets

Tentative Title	Project Details and Proposed Collaborators
<p>[A theoretical-conceptual paper and qualitative study (2023 FGIs with APFS staff):] <b>The development of a career intervention program tailored for underachieving students in Hong Kong (FALL 2023)</b></p>	<p>Project C: 2021 (Cohort 1, Batch 1) APFS Career Intervention for Underachieving Students of Cohort 1 Student Data  <b>PaperC1: APFS Team/Staff Interviews 2023: Conceptual/Theoretical Intervention Design–KPH, CLAP@JC Colleagues (Apple, Kent Sir, Hei) ...</b></p>
<p>[A qualitative study (2023 FGIs with APFS students and control respondents):] <b>Investigation of the effect of a career intervention called Alternative Paths Finder Scheme: A qualitative study (FALL 2003)</b></p>	<p><b>PaperC2: APFS Impact Quantitative Data of Cohort 1: Treatment on Mediators and Students; Modeling; Correlations; Quasi-experiment–KPH, Hayes, ...</b></p>
<p>[to be decided] <b>(FALL 2023)</b></p>	<p><b>PaperC3: APFS Qualitative Student Data of Cohort 1: Intervention Impact–Chryssa, Hayes, KPH</b></p>
	<p>PaperC4: APFS Qualitative Teacher Data: <u>Derek</u></p>
<p>[A quantitative study (2021 Control Data):] <b>Vocational profiles of Band-3 students in Hong Kong (WINTER/SPRING 2024)</b></p>	<p>Project D: 2021 (Cohort 1, Batch 1) APFS Control Data: General Research  <b>PaperD: “Vocational Profiles of Band-3 Students in Hong Kong” (tentative title)–KPH, RA-IIs</b></p>

# Projects/Papers on the **2023/24** Data Sets

Tentative Title	Project Details and Proposed Collaborators
[A qualitative study of Cohort 2, Batch 1 data to be collected in Fall 2023:] <b>Underachieving students in Hong Kong</b>	Project E: 2023 (Cohort 2, Batch 1)-- <i>APFS Data Has Not Been Collected: General Research and Impact Research</i> PaperE1: APFS Qualitative (Cohort 2, Batch 1): Underachieving Students in HK– <u>Chryssa</u> , KPH, Hayes, ...
[to be decided]	PaperE2: APFS Quantitative Student Data: Addition of Youth Experiences Survey 2.0
[to be decided]	Project F: 2023/24 (Cohort 2, Batch 2)-- <i>APFS Data Has Not Been Collected: General Research and Impact Research: Use of RCT in sampling–<u>KPH</u>, ...</i>
[to be decided]	Project G: Longitudinal HKBM Impact Research PaperG1: Cohort 1 Schools' HKBM T1/2021, T2/2022, T3/2023
[to be decided]	Project H: 2023/24 (Cohort 2)--HKBM Student Data Being Collected: General Research PaperH1: APASO-II/III, Vocational Profiles, Career Choice Status, Teacher Support (PaperC2: HKBM Cohort 2 T1: APASO-III, ... )
[to be decided]	PaperH2: Study of Processes and Program Components (Hub, Action Plan, AAPA, EA, PDP, etc.)

# Cohort 2 (2023/24)

- Mixed-methods design
  - Sequential: QUAN (Time 1 and Time 2) → qual (Time 2)
  - Documentary (video taping) – Process (Between Time 1 and Time 2)
    - Case study (consult literature)
  - Simultaneous data collection – Process (Between Time 1 and Time 2)
    - Collaboration with AAPAs and Hub Facilitator to document the implementation processes
- Research Questions (Hypotheses):
  - Continuation of the Investigation of HKBM Adoption Impact on Schools, Students, Teachers
    - Students:** APASO-III (goals of life, motivation, attitude toward school, self-concept, career decision making; Career Readiness; Teacher Support; Career Choice Status; Vocational Interest/Efficacy Profiles
    - Teachers & Schools:** consult literature (study processes); BMs, processes
  - Asking specific research questions (consult literature):
    - Teachers processes—How? Why?
    - Students processes—How? Why?
    - Agencies (e.g., EAs, Hub, CLD Club, Critical Friends' Support [Hub Leaders, AAPAs, Hub Facilitator, PDP])—How? Why?
- Comparison Schools (quasi-experimental design): Student level data (WHF), School level data (impossible to obtain)
- Comparison Between Cohort 1 (Time 1 & Time 2) and Cohort 2 (Time 3 & Time 4): on Student and Teacher/School Levels

•APFS Impact Research (Program Evaluation)” QUAN Method:

•**Batch 1 (2023):** *Data to be collected in Sep 2023*

- Research Design: Quasi-experimental: Intervention participants vs. control classmates of the same class/school
- Retrospective-Then and Post Within-Group Measures: On Pre-Career-Decision-Making Readiness, During-Career-Decision-Making Difficulties, Hope, Community Connection/Engagement; Career Choice Status; Vocational Efficacy (new)
- Process Measures:
  - Old: On Leader/Teacher Support
  - New: Identity Experiences (Identity Exploration, Identity Reflection), Initiative Experiences (Goal Setting, Effort, Problem Solving), Basic and Cognitive Skills, Positive Relationships (Peer Relationships, Prosocial Norms), Adult Networks and Social Capital (Integration with Family, Linkages to Community, Linkages to Work and College) to Work (adapted from the Youth Experiences Survey 2.0; Hansen & Larson, 2005); selection of APASO-II items on Motivation and Attitude Toward School
- Qualitative Semi-Structured Focus-Group Interviews: With students; teachers (intervention vs. control)

•**Batch 2 (2023/24):** *Data to be collected in Oct-Dec 2023 (T1) and Jul-Aug 2004*

- Research Design: Randomized Controlled Trials: Intervention vs. control—40 students are to be selected from each school of the 8 participating schools and are to be randomly assigned into either the intervention group or the control group (with no intervention).
- T1 Measures: Pre-Career-Decision-Making Readiness, During-Career-Decision-Making Difficulties, Hope, Community Connection/Engagement; Vocational Interest and Efficacy; Career Choice Status; selection of APASO-II items on Motivation and Attitude Toward School
- T2 Measures: Pre-Career-Decision-Making Readiness, During-Career-Decision-Making Difficulties, Hope, Community Connection/Engagement; Vocational Interest and Efficacy; Identity Experiences (Identity Exploration, Identity Reflection); Career Choice Status; Initiative Experiences (Goal Setting, Effort, Problem Solving), Basic and Cognitive Skills, Positive Relationships (Peer Relationships, Prosocial Norms), Adult Networks and Social Capital (Integration with Family, Linkages to Community, Linkages to Work and College) (adapted from the Youth Experiences Survey 2.0; Hansen & Larson, 2005); selection of APASO-II items on Motivation and Attitude Toward School
- Qualitative Semi-Structured Focus-Group Interviews: With students; teachers (intervention vs. control)