



PHR-WU
Public Health Research International Program
School of Public Health Walailak University

**PhD. Program in PUBLIC HEALTH RESEARCH
(International Program)
(Program Revision, Academic Year 2026)**

SCHOOL OF PUBLIC HEALTH WALAILAK UNIVERSITY

วไลยวัง @Walailak
Amazing Maze

CONCEPT OF PUBLIC HEALTH INNOVATION MODEL

- ❖ Solve social problems
- ❖ Address social and environment challenges
- ❖ Introduce systemic changes

Finality

Epistemological assumptions

- ⊙ Intersectoral and integrated approach
- ⊙ Recursive and vortex process
- ⊙ Co-creation and negotiation of knowledge with all the partner involved
- ⊙ Consideration of several temporalities and scales and their interaction
- ⊙ Dynamic interaction between all the innovation process

Social innovation as a paradigm shift in public health (Nieng, M. et al., 2021)

Principles for action

- Health as a “common good” and right
- Equity and an inclusive lens: people are not the same and do not have the same opportunities
- Equilibrium of power
- Empowerment vision
- Learning and adaptation
- Democratic vision
- Accessibility and sustainability
- Community engagement
- Health determinant model

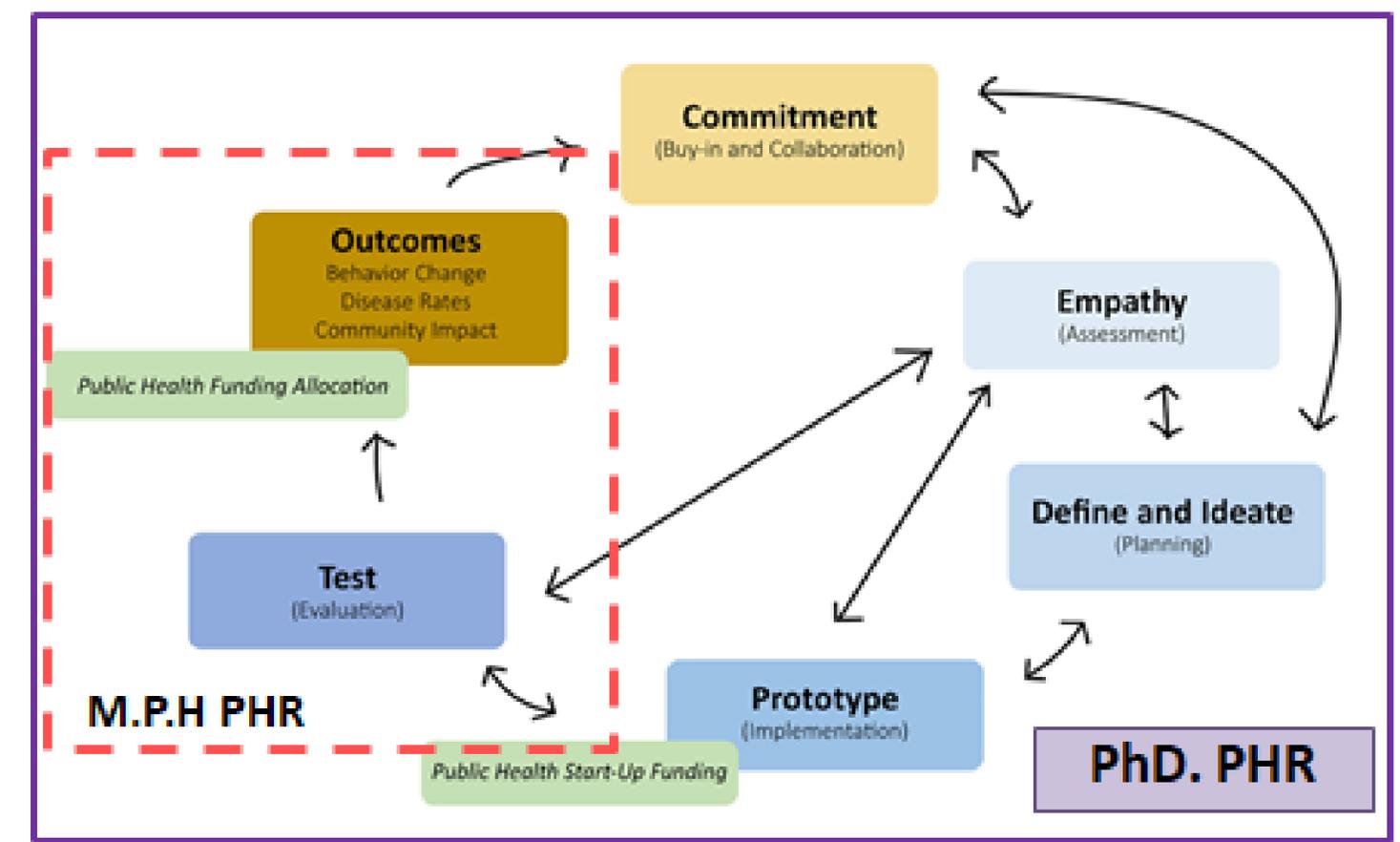
Ontological assumptions

Innovation as:

- ☑ A process to link or configure different element of novelty
- ☑ a social construction
- ☑ an uncertain, complex and collective phenomenon
- ☑ social change (intervention)

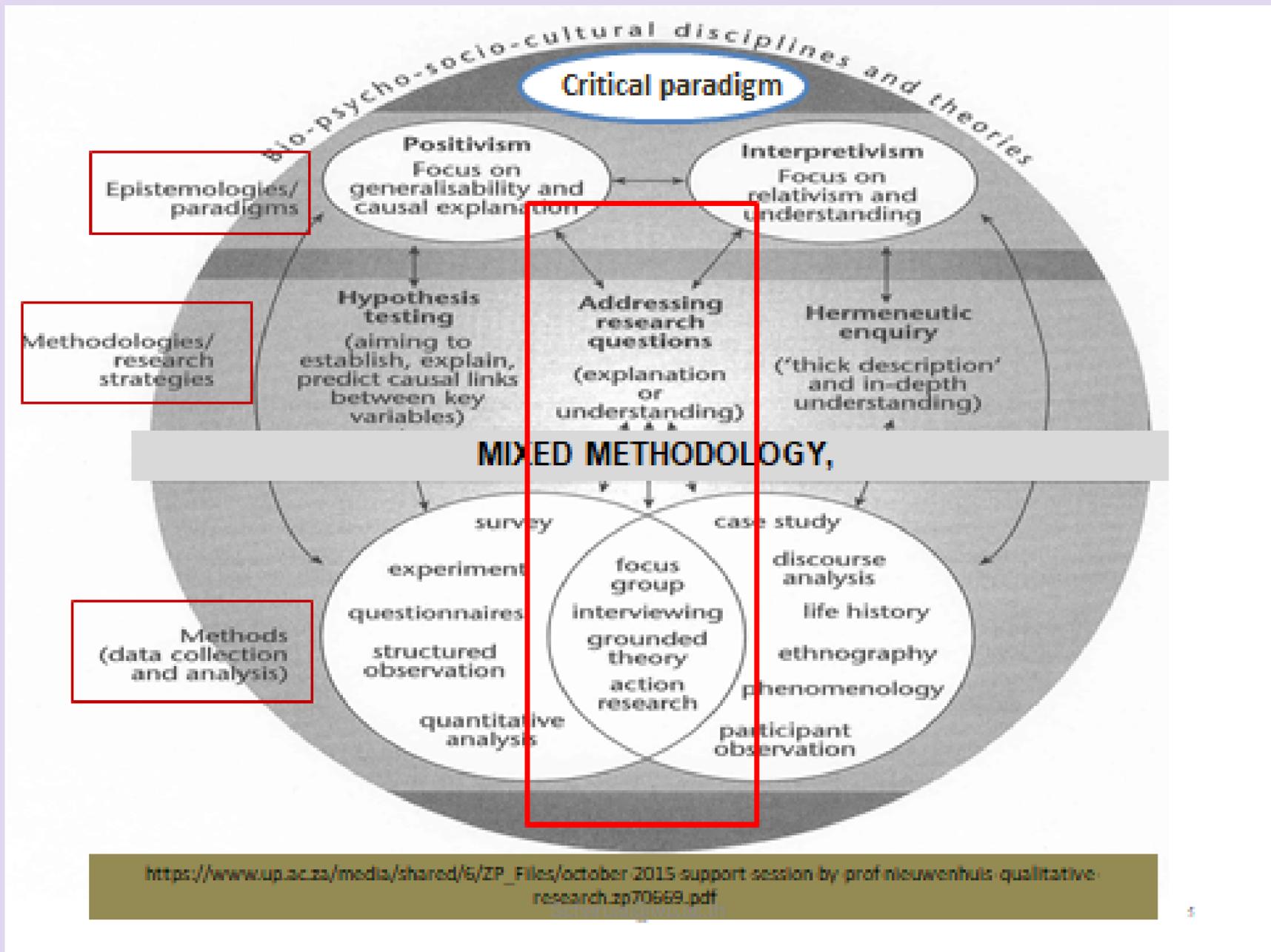
Public Health Innovation Model

Lister, Cameron, Payne, Hannah, Hanson, Carl L., Barrow, Michael D., Davis, Siena F., & Manwaring, Todd. (2017). The Public Health Innovation Model: Merging Private Sector Processes with Public Health Strengths. *Frontiers in public health*, 5(202). doi:10.3389/fpubh.2017.00192



PHR program at Walailak University, Thailand

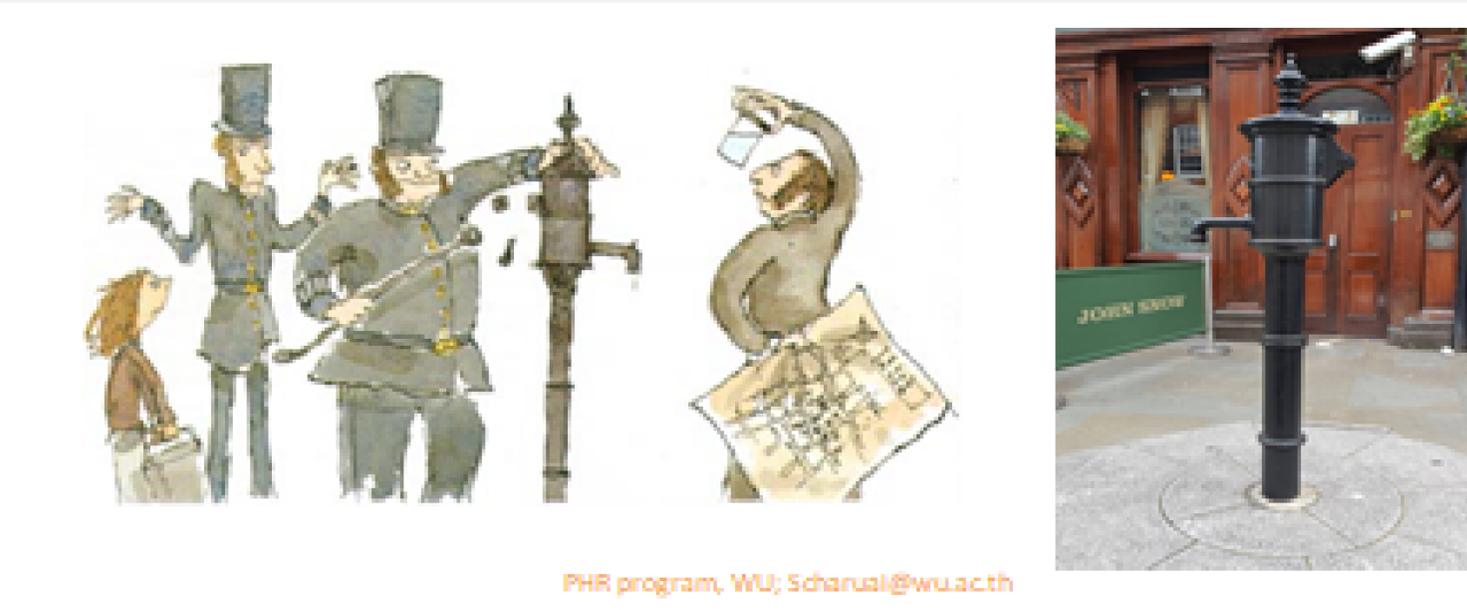
Public Health Innovation refers to new knowledge, method, technologie, intervention, model, or processes developed to prevent, improve, or enhance the health of populations



Concept and value of Mixed Methods Research

a new methodology originating around the late 1980s and early 1990s based on work from individuals in diverse fields such as evaluation, education, management, sociology, and health sciences. (Creswell, J.W., 2014)

In public health (1985), John Snow’s foundational public health investigation of the London cholera epidemic in 1854 used the quantitative data from the General Registries Office to determine the geographic distribution of deaths to cholera, and used qualitative interview. (Guest & Namey, 2015)



ACADEMIC QUALIFICATION



Assoc.Prof.Dr. Charuai Suwanbamrung



Dr. Jiraporn Jaroenpool



Dr. Lafi Munira



Asst. Prof. Dr. Cua Ngoc Le



Asst.Prof.Dr. Phiman Thirarattanasunthon



Assoc.Prof.Dr. Udomsak Saengow



Assoc.Prof. Apichai Wattanapisit



Assoc.Prof.Dr. Chuchard Punsawad



Assoc.Prof.Dr. Somchai Sawatdee



Asst.Prof.Dr. Patthanasak Khammaneechan



Assoc.Prof.Dr. Saifon Aekwarangkoon



Assoc.Prof.Dr. Nirachon Chutipattana



Asst.Prof.Dr. Wanvisa Saisanan Na Ayudhaya



Asst.Prof.Dr. Panatda Pibul



Assoc.Prof.Dr. Atchara Phumee



Dr. Muhammad Awais-E-Yazdan



Assoc.Prof.Dr. Manit Nuinon



Dr. Avnish Nitin Mistry



Asst.Prof.Dr. Udomsak Narkkul

PHILOSOPHY/OBJECTIVE OF PHD. PROGRAM

<p>Philosophy</p>	<p>Produce doctoral graduates who create public health innovations through mixed methods research and international-level publications</p>
<p>Objectives</p>	<ol style="list-style-type: none"> 1) To produce doctoral graduates with knowledge of the discipline and mixed methods research approaches for creating innovations or new knowledge to solve public health problems 2) To produce doctoral graduates competent in searching, analyzing, synthesizing, designing, and utilizing statistical programs, artificial intelligence, and information technology in research to create innovations or new knowledge for solving public health problems and publishing internationally. 3) To produce doctoral graduates with discipline, responsibility, adherence to organizational rules and regulations, and research ethics. 4) To produce doctoral graduates capable of building networks, working in teams, and managing research projects appropriately in both leadership and team member roles. 5) To produce doctoral graduates aligned with the Announcement of the Higher Education Standards Committee on Details of Learning Outcomes according to Higher Education Qualifications Standards, B.E. 2565, comprising four aspects: knowledge, skills, ethics, and personal attributes.

PROGRAM LEARNING OUTCOME

Domain: 1 Knowledge	
PLO1	Create innovations or new knowledge in public health through disciplines such as social and health policy, health service systems, access to healthcare, health behavior, and public health problems at both local and global levels.
PLO2	Create innovations or new knowledge in public health through mixed methods research, including quantitative research, qualitative research, experimental research, participatory action research, epidemiology, evaluation research, and systematic literature reviews.
Domain 2: Skills	
PLO3	Possess skills in searching, analyzing, synthesizing, designing, and using statistical programs, artificial intelligence, and information technology in research to create innovations or new knowledge in public health.
PLO4	Possess skills in publishing public health innovation research in international journals and presenting research at international academic conferences.
Domain 3: Ethics	
PLO5	Adhere to organizational rules and regulations, serve as a role model in discipline and compliance, demonstrate discipline, and take responsibility.
PLO6	Conduct oneself as a role model and promote research ethics in others for creating public health innovations and publishing research.
Domain 4: Personal Attributes	
PLO7	Manage research for creating innovations or new knowledge in public health using programs and information technology, and communicate research outcomes at an international level.
PLO8	Act as a leader and team member in research, seek knowledge, and develop research outputs to create innovations or new knowledge in public health.

Total credit of the program		48	Crs.
1) Required courses		10*	Crs.
	1.1 Core subjects:	8*	Crs.
	1.2 Field-specific subjects	–	Crs.
	1.3 Seminar subjects	2*	Crs.
2) Thesis		48	Crs.

Note: * Indicates credits not counted but must have an S grade.

PROGRAM STRUCTURE

Year	1st Semester			2nd Semester		
1	PHR69-511	Research Methodology for Creating Public Health Innovation I	2(2-0-4)*	PHR69-512	Research Methodology for Creating Public Health Innovation II	2(2-0-4)*
	PHR69-513	Global and Local Perspectives for Creating Public Health Innovation	2(2-0-4)*	PHR69-514	Advanced Data Analytic of Methods Mixed Methods in Public Health Research	2(2-0-4)*
	PHR69-941	Research Seminar I: Systematic Review for Creating Public Health Innovation	1(1-0-2)*	PHR69-942	Research Seminar II: Presentation and Publication for Creating Public Health Innovation	1(0-2-2)*
	PHR69-991	Thesis (Plan 1.1)	6 Crs.	PHR69-991	Thesis (Plan 1.1)	6 Crs.
	Total 15 Crs.			Total 15 Crs.		
2	PHR69-991	Thesis (Plan 1.1)	8 Crs.	PHR69-991	Thesis (Plan 1.1)	10 Crs.
	Total 8 Crs.			Total 10 Crs.		
3	PHR69-991	Thesis (Plan 1.1)	10 Crs.	PHR69-991	Thesis (Plan 1.1)	8 Crs.
	Total 10 Crs.			Total 8 Crs.		

ACTION STEPS

Activity	Time						Credit
	(Semester)						
	1	2	3	4	5	6	
1. Thesis topic and Qualifying Examination.							6
2. Develop research proposal, instruments, design activity sets, create tools, proposal defense, submit research project for ethics approval, apply for research funding, and present progress.							6
3. Collect data, conduct preliminary data analysis according to the research plan, and present progress.							8
4. Continue data collection until complete, analyze data according to the research plan, present progress, prepare initial thesis draft, submit first publication.							10
5. Prepare initial thesis draft, present work orally at an academic conference, submit second publication, present progress							10
6. Thesis defense before the thesis examination committee, submit the complete final thesis report.							8

STUDENT IN 5 YEARS

Academic year	Number of student expectation				
	2026	2027	2028	2029	2030
1) Student Admission					
Plan 1.1	5	5	5	5	5
2) Commulative					
1st year	5	5	5	5	5
2nd year		5	5	5	5
3rd year			5	5	5
total	5	10	15	15	15
3) Completed program					
Student number			5	5	5

Activity	Semester						Crs.
	1	2	3	4	5	6	
1. Thesis topic and Qualifying Examination.	Tuition fees 187500 BTH	Tuition fees 187500 BTH					6
2. Develop research proposal, instruments, design activity sets, create tools, proposal defense, submit research project for ethics approval, apply for research funding, and present progress.	20,000 BTH	20,000 BTH					6
3. Collect data, conduct preliminary data analysis according to the research plan, and present progress.			Tuition fees 187500 BTH	Tuition fees 187500 BTH			8
4. Continue data collection until complete, analyze data according to the research plan, present progress, prepare initial thesis draft, submit first publication.			20,000 BTH	20,000 BTH			10
5. Prepare initial thesis draft, present work orally at an academic conference, submit second publication, present progress.					Tuition fees 187500 BTH	Tuition fees 187500 BTH	10
6. Thesis defense before the thesis examination committee, submit the complete final thesis report.					20,000 BTH	20,000 BTH	8



Communication



Student activity



Student Activity




International Network Conference on Public Health 2025 & 5th Excellent Center for Public Health Research International Conference

SUSTAINABLE PUBLIC HEALTH:
COLLABORATING FOR A HEALTHIER TOMORROW

28 March, 2025 Walailak University, Thailand

CALL FOR ABSTRACTS

- Sub-Theme**
1. Health promotion, health behavior, health policy and management, epidemiology, chronic diseases, NCDs, and psychology
 2. Environmental and occupational health, food safety and infectious diseases
 3. Multidisciplinary health

REGISTRATION FEE	
PHWU-International partners (APACPH, GMS, MoU, Alumni)	FREE
PHWU-Non International partners	1,000 THB
Domestic partners (APACPH, GMS, MoU, The Council of Public Health Education Institute of Thailand, Alumni)	FREE
Domestic non-partners	500 THB
Undergraduate students	FREE

IMPORTANT DATE	
Abstract submission	26 January- 7 March 2025
Notification of Abstract Acceptance	9 March 2025
Conference Day	28 March 2025

TO SUBMIT & REGISTER
SCAN QR CODE

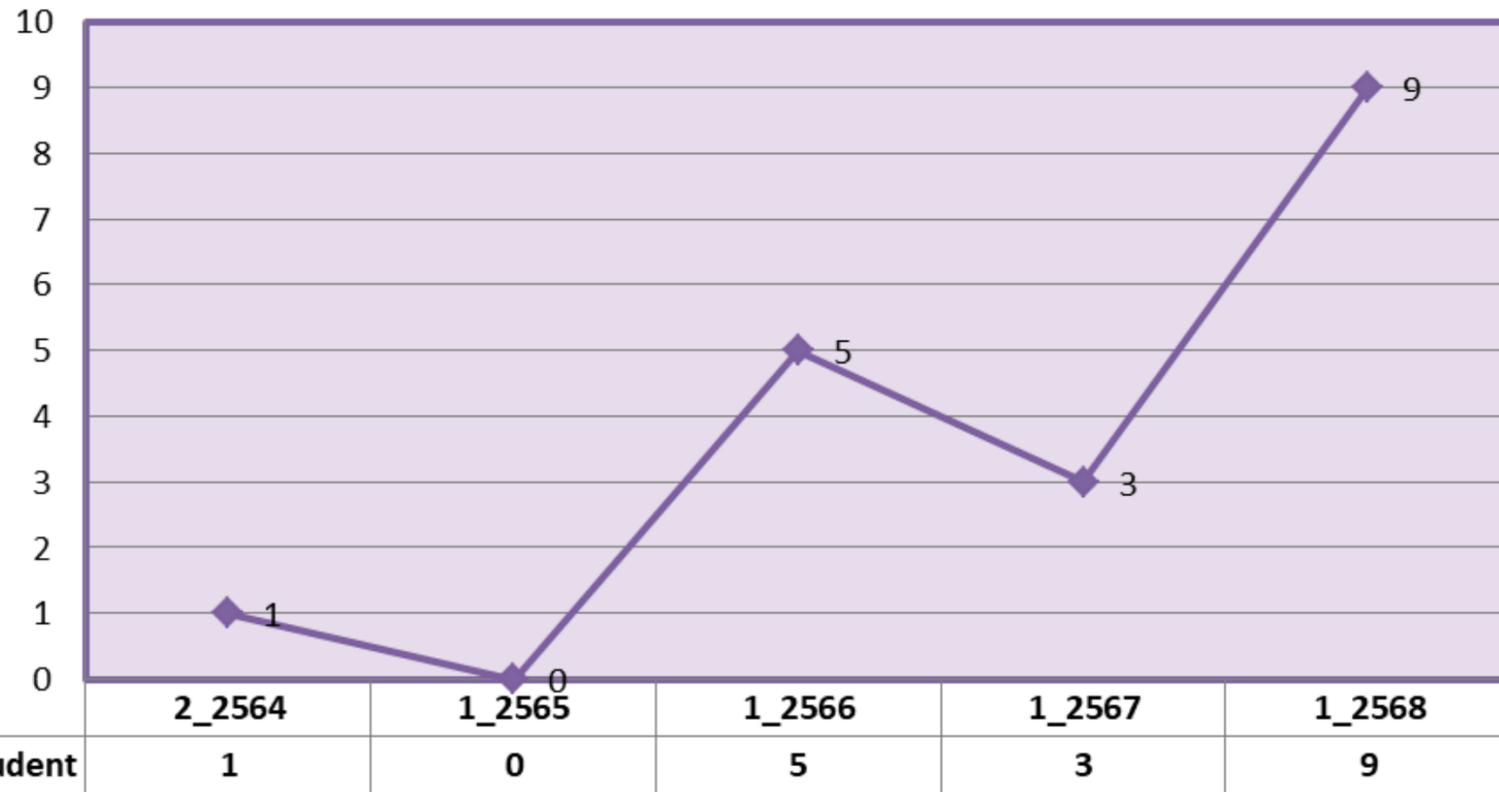


For more information <https://sph.wu.ac.th/> Hosted by School of Public Health, Walailak University
Excellent Center for Public Health Research



PHR-WU
Public Health Research International Program

PhD. Program in Public Health Research



Gen 4 and MPH.



THANK YOU

